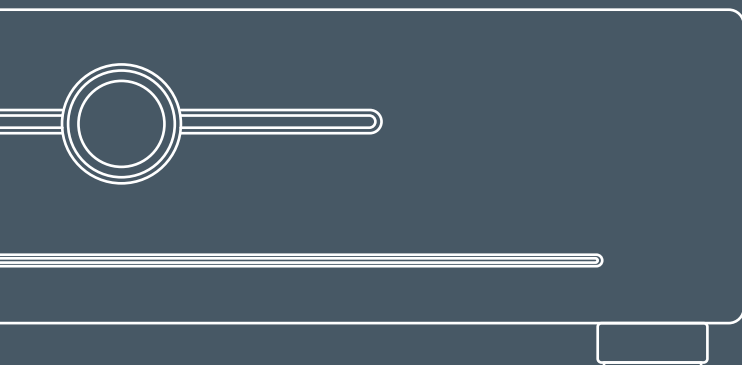
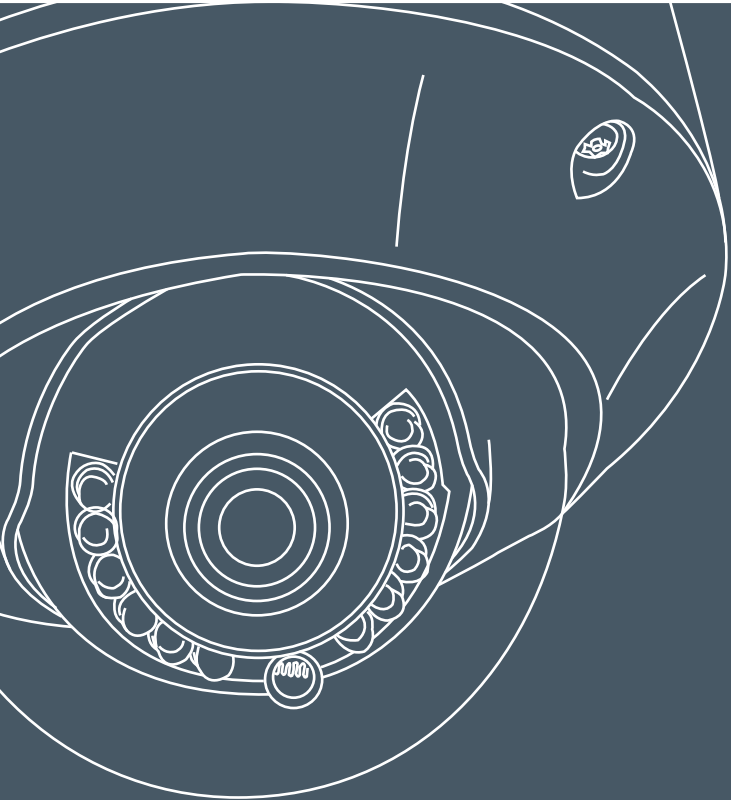


EDVAX

 VIMAR group



IT INCLUDES ALSO THE NEW
IP SYSTEM RANGE



BEST OVERVIEW **2012**

CCTV



BEST OVERVIEW

Our extensive and comprehensive product catalogue is constantly updated to include the latest technology, ensuring that customers can choose from a technologically sophisticated, state-of-the-art range of products.

The ongoing renewal and expansion of our range gives customers the chance to customise their installation in order to meet real specific needs.

Alongside the various product segments that have been added to cover professional needs, our range of indoor and outdoor cameras includes Day & Night, Varifocal, Infrared, Speed Dome and TCP-IP. LCD monitors, a wide range of fixed and variable focus lenses and other accessories round off the range.

IP SYSTEMS



IP SYSTEMS

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ANALOGUE SYSTEMS



CAMERAS

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ACCESSORIES

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MONITORS

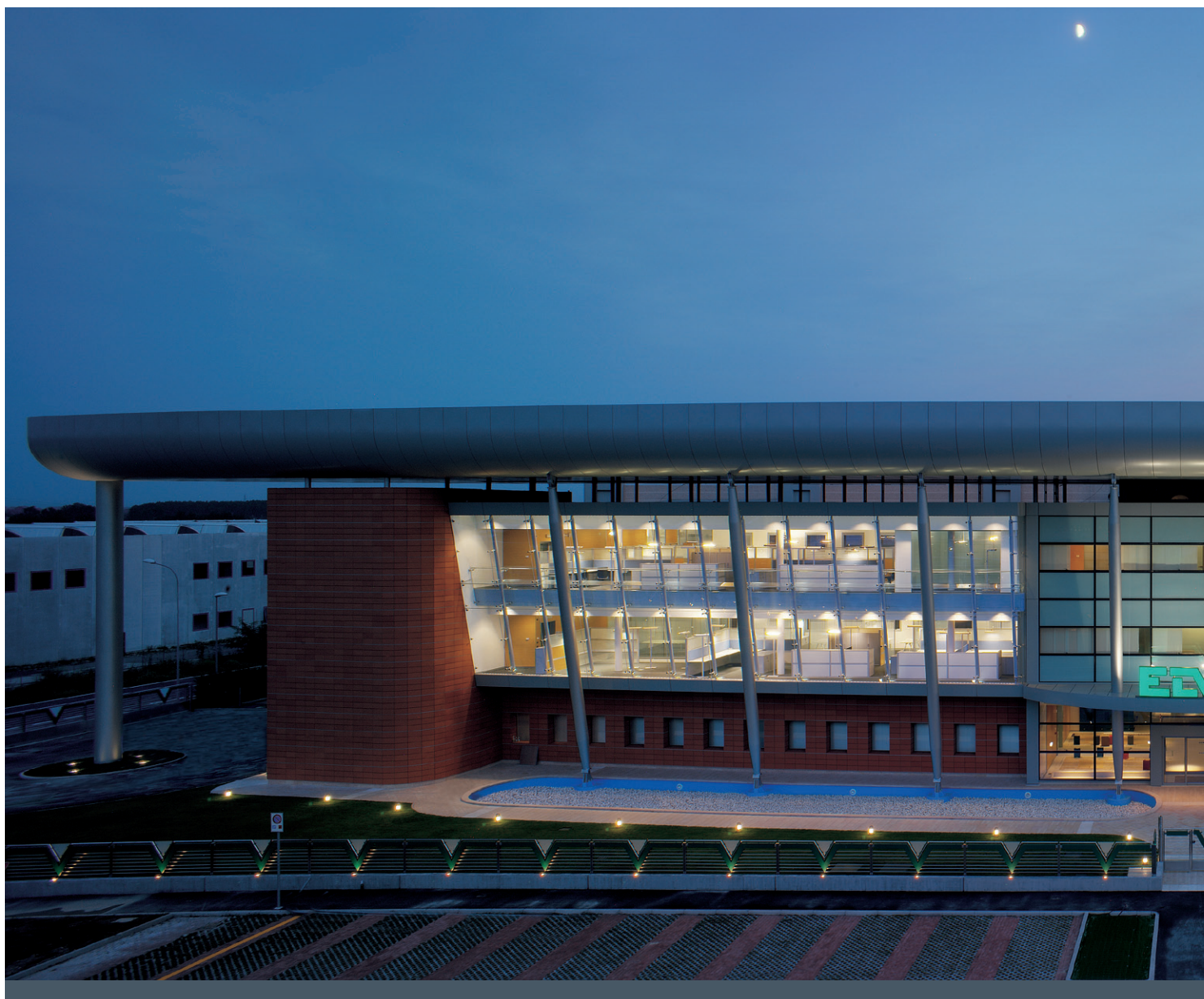
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Accessories for LCD-TFT Monitors	page 80

VIDEO RECORDERS CCTV

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CCTV

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Company

Dynamic and innovation-driven

The new Elvox headquarters have been built in Campodarsego, in the province of Padua. The 30,000 m² installation is home to all of the company's activities and expresses its dynamic and highly innovation-driven character. The production building is comfortable and functional, while the office environment is bright and efficient, with a unique architecture that, in the future, will continue to define the image of Elvox.

The heart of the plant is surmounted by a flat elliptical roof, like an immense sail covered with curved aluminium panels. Its rounded shape brings to mind an airship tethered at each end and along the front by giant cables, ready to break away from the ground and rise skywards, taking with it the spacious cab and bridge.



It lifts off from the water, which accentuates its upward reach, exalting and reflecting its transparency and drawing attention to the pathways leading to the main entrance. Besides its compositional design and the attention paid to architectural aspects, the new facility is the result of a specific space planning study centred on both the production area and the offices.

Its distributional organisation is based on: creation of open-plan office spaces that are easy to modify; optimisation of pathways both horizontal and vertical to facilitate staff interaction and integration; concentration of all showpiece spaces and areas for meeting the public, with specially equipped conference rooms.



Elvox by Arteco

Founded in 1954, Elvox, an Italian company at the forefront of the electronic equipment sector, is increasingly demonstrating its capacity for innovation based on its cutting-edge technology and groundbreaking expertise.

The CCTV business is becoming of equal importance to that of video door entry systems and the company has been developing these products more than 15 years, supplying accessories to complement video door entry installations.

New technologies, new market opportunities, growing public interest in security and the company's increasingly organised structure have prompted Elvox to seek new avenues for the growth of the CCTV sector, including its partnership with Arteco, an Italian leader in IP video surveillance systems, which is just the latest in a series of initiatives.

The pursuit of excellence unites two Italian companies, both leaders in their respective sectors. The Arteco-Elvox partnership aims to supply tailor-made IP solutions to even less expert users, with a professional and versatile range



of products structured for different types of installation, as well as professional technical and sales support delivered through a pervasive network.

Elvox sees IP technology as a way to significantly reinforce and implement its range of CCTV solutions, which already comprises an extensive catalogue of proposals for analogue installations, including DVRs, video cameras, monitors, accessories, and now even IP systems complete with dedicated cameras and hybrid systems.

Arteco software and hardware solutions are designed and produced in Italy at the company's Faenza plant. The integrated design of these elements, without reliance on subcontractors, is a defining trait of the Emilia-Romagna based company, which enjoys a nationwide reputation as an end-to-end solution provider.

Being responsible for the entire software development, design and manufacturing process has similarly been a longstanding component of the Elvox winning strategy, enabling the firm to directly customise and improve its range on an ongoing basis.

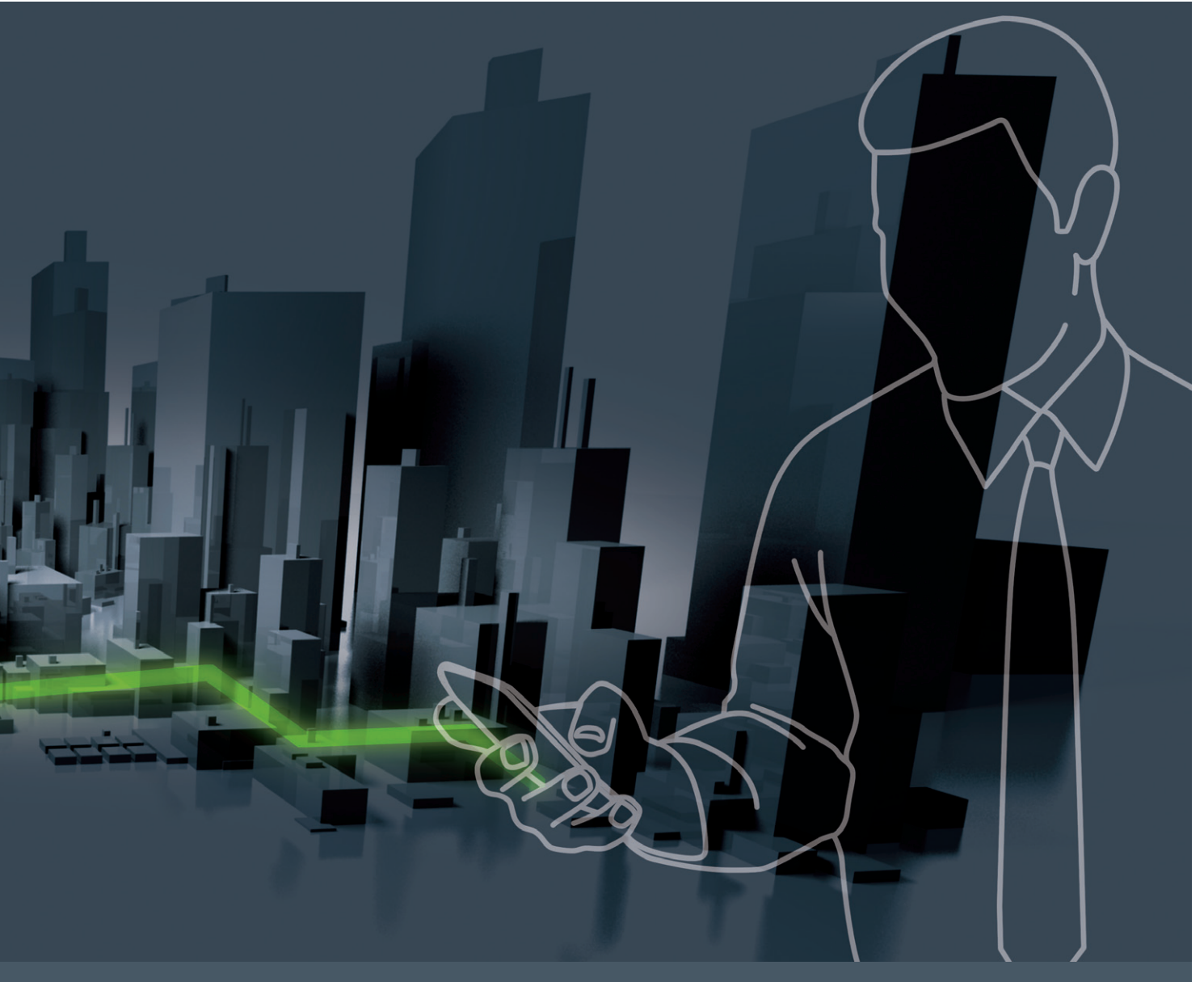
IP Technology



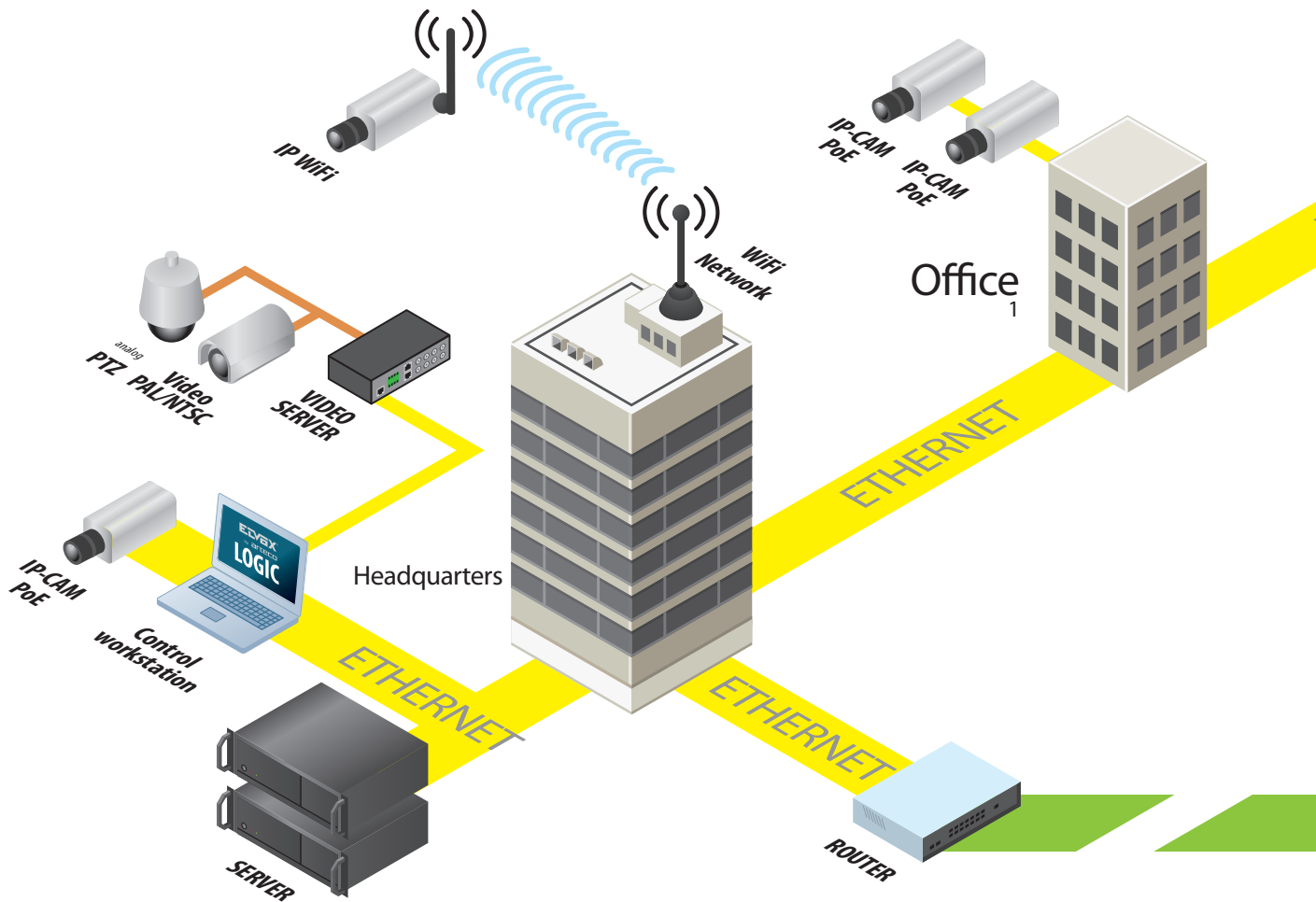
Network video technology, often referred to as 'video surveillance over' IP or 'surveillance over IP' when applied to the security sector, uses a wired or wireless IP network as a backbone for the transportation of digital audio/video and other data.

This is made possible by PoE (Power over Ethernet) technology, whereby equipment is powered using the same cable that connects it to the Ethernet data network.

A network video system enables video data to be monitored and recorded from any point in the network, whether it be a Local Area Network (LAN) or Wide Area Network (WAN), such as the Internet.



The Advantages of IP Video Surveillance



Remote accessibility

Network cameras and video encoders can be configured and managed remotely, enabling multiple authorised users to view live and recorded content at any time, from any network location in the world.

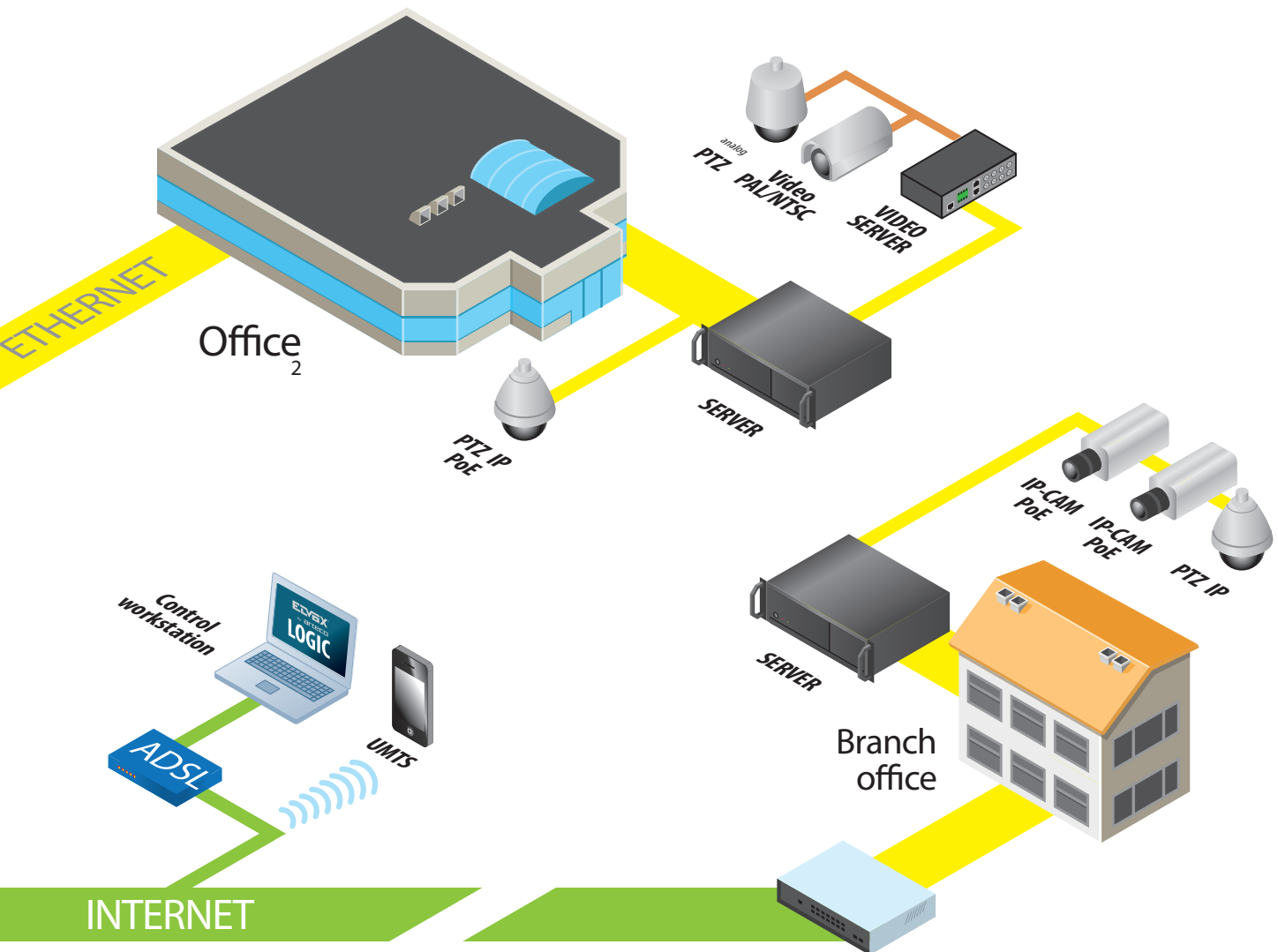
High image quality

In video surveillance, image quality is fundamental to acquiring clear images and identifying people and objects. With progressive scan technologies and IP cameras with megapixel resolution, it is possible to

deliver better quality images at a higher resolution than an analogue camera.

Event control and intelligent video

When there is too much recorded video material and insufficient time to analyse it properly, network cameras and integrated analysis can solve this problem by reducing the amount of uninteresting recordings and allowing the use of programmed responses. These functionalities are not available in an analogue system.



Simple integration and expandability

All network video systems based on open standards can be easily integrated with: information systems with Ethernet connection, audio or security systems and other digital devices, thanks to video management software.

Scalability and flexibility

A system with IP technology can be expanded based on users' needs, enabling the addition of a large number of IP cameras and video encoders. The shared network can be wired or wireless. It is therefore possible to progressively increase the number of IP products in the system, without changing the network infrastructure.

System functionalities

Power supply



External power supply
12V, 80W

Joystick



Joystick for PTZ control
from PC client

Two-way



Two-way audio from
client to server

Web browser



Access with Web client
directly from Internet
browser

Centralisation



Communication of
audio, video and vehicle
position to control room

Email Audio



System sends e-mail
notifications and audio
in alarm mode

Fanless



Does not make use
of cooling fans

FPS



Compression type and
maximum frame rate

GPS



GPS antenna for
location tracking

High Availability



Redundant recording
on remote client

Hard Disk



500 GB, 1 TB

I-O



Indicates whether I/Os
are present in the server
or handled as optionals

iPhone



View images via
smartphone including
iPhone

Wireless



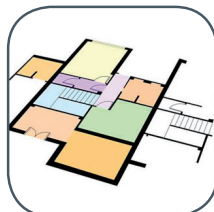
On-demand remote
connection with
UMTS modem

Km/h



Maximum licence plate
recognition speed

Maps



Upload map of locality
or site in JPEG or
GIF format

Burner



Option to include a
disk burner on request

Motion



Indicates the type
of motion detector
installed in the server



Multiserver



Centralised control of multiple servers from a single workstation

Parking



Parking management function

Privacy



Privacy zone setup function

Analysis



Abandoned object control, no parking, access point counting, speed control

Perspective

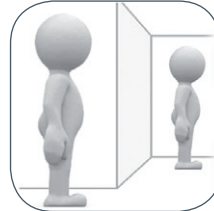


Image perspective analysis

RAID



Memory expansion with RAID devices up to 4TB

SMS-MMS



Send SMS or MMS messages to a specified mobile phone number

SQLServer



Transfer to licence plate database compatible with Microsoft Excel

Inputs



Number of channels that can be analysed (analogue, hybrid, IP)

Gate camera



Special licence plate reading camera

Traffic



Vehicle counting, classification, wrong way detection, queue detection

Users



Indicates simultaneous connections as well as accounts

Access points



Maximum number of access points in an Elvox Gate system

O/S



Platform used by Windows XP Embedded server

Small Business Solutions



Hardware solutions up to 12 IP channels suitable for small-scale installations.

Designed with the same reliable technology and offering the same outstanding performance as our higher specification products, SMALL BUSINESS solutions are ideal for creating simple and efficient CCTV installations.








300E series



Active video surveillance for small installations from 4 to 12 IP channels



CONFIGURATION

		
O.S. Windows XP Embedded	500GB HARD DISK	UP TO 12 IP CH

		
Record View Native IP	1 CONNECTION 2 ACCOUNTS (expandable)	MOTION DETECTION Small Business

	
Web client	Remote view via Smartphone and iPhone

300E is the ideal Elvox solution for simple and efficient digital CCTV installations. It is discreet, can be installed in a matter of minutes and is ideal for indoor installations (public premises, retail outlets, offices, small businesses and residential installations).

300E can receive, display and record IP video sources (cameras and video servers), with high-tech Elvox by Arteco software for efficient and versatile image management.

The Elvox by Arteco-Logic software interface makes it easy and intuitive to use, enabling remote access to data and images at any time and from any location with the multiclient facility. It allows images to be exported instantly and without compromising the security of the images themselves.

Equipped with a special wireless module, 300E is able to make images available online even without ASDL coverage.

With its special and exclusive image blurring software module (optional), 300E enables full compliance with applicable Privacy regulations, with password-controlled playback of recordings in "clear" mode.

300E can handle images captured by numerous models of camera from the leading international manufacturers.

TYPE 5253/4

Digital NVR with 4 IP video channels (500 GB HDD)

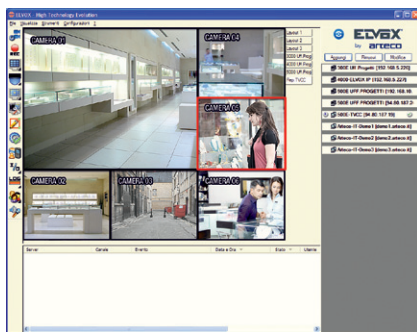
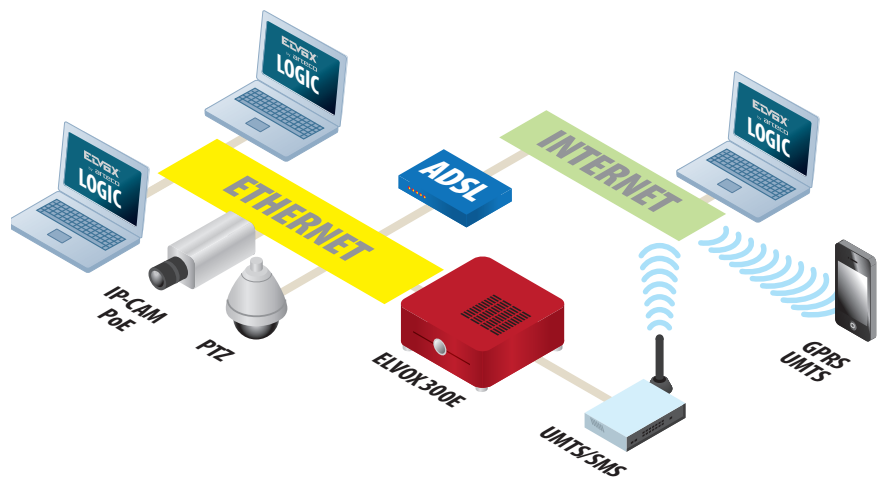
OPTIONAL

		
WIRELESS KIT On-demand connection with UMTS modem	Advanced Privacy Filter	JOYSTICK for PTZ control


Multiserver control



App for iPhone and iPad



SOFTWARE

- From 4 to 12 IP sources
- Operating System Windows XP Embedded
- Uniqueness of local and remote interfaces
- Simultaneous Multiserver control
- Multiclient control
- Codec video compression recording
 - Native encoding for IP cameras
- Codec video compression display
 - MJPEG software encoding
 - MPEG4 software encoding
 - Native encoding for IP cameras
- IP camera performance
 - Dependent on brand, resolution and number of sources in operation
 - Use of native protocols to achieve manufacturer's stated performance
- Motion detection
- For each channel, independent regulation of:
 - Resolution
 - Frame rate
 - Quality
 - Continuous recording with event marking
 - Pre-event queue up to 10 minutes
- Layout: up to 7x7 – Configurable layouts – digital zoom
- 5 event notification modes
 - Visual: red frame image, event logs, pop-up mode
 - Audible: WAV, MP3, PC buzzer
 - Email: HTML with photos and text
 - I/O: through integrated IP cameras
 - SMS (optional)
- PTZ control
 - Manual (optional joystick)
 - Automatic (programmable presets and sequences)

- 3 different levels of user rights
 - User, Power User, Administrator
- Access licences for Elvox by Arteco-Logic or Elvox by Arteco-Mobile
 - 1 connection, 2 user accounts
 - optional upgrade

HARDWARE

- 500GB HDD
- 2 PS/2 ports
- 4 USB 2.0 ports
- 1 VGA output
- 1 1GB Ethernet port
- 1 2.5 mm audio jack output
- 1 2.5 mm microphone input
- 12 V power supply connector



SPECIFICATIONS

- Supply voltage 12 VDC, power cons. 60 W
- External adapter 230/110 VAC-12 VDC
- Operating temperature 0 - 40 °C, max RH 80% n.c.
- Dimensions in mm: 210 x 55 x 210 WxHxD
- Weight: 1.6 kg

Professional Solutions



Hardware solutions up to 32 analogue channels or up to 72 IP channels suitable for medium-sized installations.

Designed with the same reliable technology and offering the same outstanding performance as our higher specification products, together with various advanced motion detection functions to minimise false events, the solutions in our Professional line offer an excellent performance-price ratio.





400E series

Active video surveillance for small and medium installations
Up to 4 analogue channels
Up to 12 IP channels



CONFIGURATION



O.S. Windows XP Embedded 500GB HARD DISK UP TO 8 ANALOGUE CH OR 12 IP CH



25FPS 4CIF (analogue) Megapixel (IP) 2 CONNECTIONS 2 ACCOUNTS (expandable) MOTION DETECTION Professional



PRIVACY FILTER View via PDA Web client



Multiserver control

OPTIONAL



WIRELESS KIT On-demand connection with UMTS modem MAPS PLUG-IN MOTION DETECTION ENTERPRISE



Hardware I/Os Logical I/Os JOYSTICK for PTZ control Perspective

Compact and powerful, 400E can analyse up to 8 analogue channels or 12 IP channels, with Active Video Surveillance functions.

Each 400E can receive and record analogue or IP sources, analysing images simultaneously and minimising redundant event signalling.

The powerful analysis functions enable the 400E to track the movement of objects (e.g. people and vehicles) to detect in a reliable way whether a certain area has been violated.

With its special and exclusive image blurring software module, 400E enables full compliance with applicable Privacy regulations, with password-controlled playback of recordings in "clear" mode.

Remote recording and playback at 25 FPS and 4-CIF resolution thanks to powerful H264 hardware compression cards on all analogue video channels.

Remote recording and playback at 25 FPS and megapixel resolution with compatible IP cameras (MJPEG - MPEG4 - H264 - MxPEG).

Expandable and flexible: multiple 400E units can be integrated and controlled from a single computer equipped with the Elvox by Arteco-Logic application. When installed on a computer, the Elvox by Arteco-Logic software application gives local and remote control over all functions.

400E can handle images captured by numerous models of camera from the leading international manufacturers.

TYPE 5254/A4

Digital DVR with 4 analogue video channels (500GB HDD)

TYPE 5254/A8

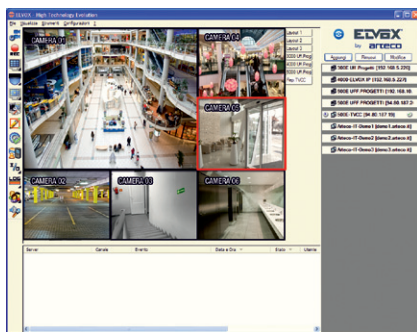
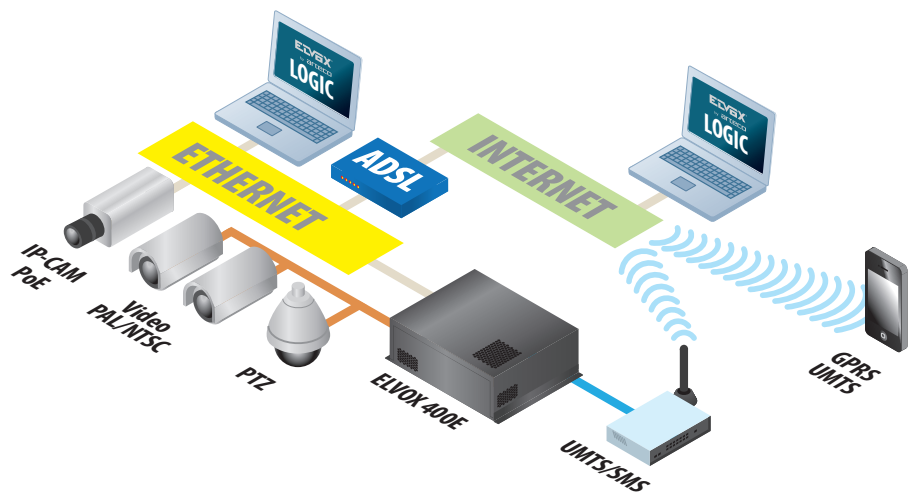
Digital DVR with 8 analogue video channels (500GB HDD)

TYPE 5254/4

Digital NVR with 4 IP video channels (500GB HDD)



App for iPhone and iPad



SOFTWARE

- Operating System Windows Embedded
- Operating System partition write protection (optional)
- Uniqueness of local and remote interfaces
- Codec video compression recording
 - H264 hardware encoding
 - Native encoding for IP cameras
- Codec video compression display
 - H264 hardware encoding
 - MJPEG software encoding
 - MPEG4 software encoding
 - Native encoding for IP cameras
- Max display frame rate
 - Analogue channel: up to 25 FPS @ 704 x 576 (4CIF)
 - IP channel: compatible with megapixel full-frame resolution
- Max recording frame rate
 - Analogue channel: up to 25 FPS @ 704 x 576 (4CIF)
 - IP channel: compatible with megapixel full-frame resolution
 - Certification on non-manipulation of recorded images
- Network transmission rate (352x288@10FPS, quality 75%):
 - 60 Kbps for static images
 - 180 Kbps for moving images
- 14 independent filters for each video channel to minimise redundant events
- Simple mode to adjust sensitivity
- Logical I/Os for PTZ tilt on event (optional)
- For each channel, independent regulation of:
 - Resolution
 - Frame rate
 - Quality
 - Continuous and event recording
 - Pre-event queue up to 10 minutes

- Layout: up to 7x7 – Configurable layouts – digital zoom
- 5 event notification modes
 - Visual: red frame image, event logs, pop-up mode
 - Audible: WAV, MP3, PC buzzer
 - Email: HTML with photos and text
 - I/O: through integrated IP cameras
 - SMS (optional)
- Manual and automatic PTZ control
- 3 different levels of user rights
 - User, Power User, Administrator
- Access licences for Elvox by Arteco-Logic or Elvox by Arteco-Mobile
 - 2 connections, 2 user accounts
 - optional upgrade

HARDWARE

- 4-8 analogue video inputs (PAL/NTSC) or up to 12 IP sources
- Dedicated hardware with H264 compression board
- 500 GB hard disk capacity
- Internal digital I/Os (optional):
 - 4 inputs 0 - 12 VDC
 - 4 outputs NO/NC, 1 A @ 24 VDC
- External digital I/Os, up to 31 modules of 8 I/Os:
 - 8 inputs 0 - 12 VDC (optional)
 - 8 outputs NO/NC, 1 A @ 30 VDC, 0.5 A @ 250 VAC (optional)
- Software on Compact Flash
- 2 PS/2 ports for mouse and keyboard
- 2 USB 2.0 ports
- 9-pin RS-422/485 half duplex port for PTZ control (optional)
- 1 25-pin LPT port
- 1 RS232 port
- 9-pin RS232 port for optional external serial I/O modules
- 1 VGA output
- 1 100 Mbps Ethernet port
- 1 2.5 mm audio jack output
- 1 2.5 mm microphone input

SPECIFICATIONS

- Supply voltage 110 - 230 VAC, 50 - 60 Hz, power cons. 100 W
- Operating temperature 0 - 40 °C, max RH 80% n.c.
- Dimensions in mm: 340 x 100 x 225 WxHxD
- Weight: 5 kg

600E series

Active video surveillance for medium and large installations
Up to 32 analogue channels
up to 72 IP channels



CONFIGURATION



O.S. Windows XP Embedded



1 TB HARD DISK



UP TO 32 ANALOGUE CH OR 72 IP CH



25FPS 4CIF (analogue) Megapixel (IP)



2 CONNECTION 2 ACCOUNTS (expandable)



MOTION DETECTION Professional



PRIVACY FILTER



View via PDA



Web client



Multiserver control

OPTIONAL



WIRELESS KIT On-demand connection with UMTS modem



MAPS PLUG-IN



MOTION DETECTION ENTERPRISE



Perspective



Hardware I/Os Logical I/Os



JOYSTICK for PTZ control



4 TB RAID-5 (2 +2 TB - hot swap)



DVD burner

Able to analyse up to 32 analogue video sources or 72 IP sources, 600E is the industrial video surveillance device in 19" rack format with Active event notification. Instantly receiving these signals, users can display live images and corresponding recordings in real time.

The powerful analysis functions enable the 600E to identify the movement of objects (e.g. people and vehicles) to detect in a reliable way whether a certain area has been violated.

With its special and exclusive image blurring software module, 600E enables full compliance with applicable Privacy regulations, with password-controlled playback of recordings in "clear" mode.

Remote recording and playback at 25FPS and 4CIF resolution with H264 hardware compression available on all channels.

Remote recording and playback at 25 FPS and Megapixel Resolution with compatible IP cameras (MJPEG - MPEG4 - H264 - MxPEG).

Expandable and flexible: multiple 600E units can be integrated and controlled from a single workstation using our Elvox by Arteco-Logic management software. This software can be installed on multiple workstations to enable simultaneous control by multiple operators.

Stringent testing and solid construction make the 600E the ideal product to withstand even the most critical environmental conditions. 600E is equipped with robust filtering functions to limit redundant signalling.

600E can handle images captured by numerous models of camera from the leading international manufacturers.

TYPE 5286/A8

Digital NVR with 8 analogue video channels (1TB HDD)

TYPE 5286/A16

Digital NVR with 16 analogue video channels (1TB HDD)

TYPE 5286/A32

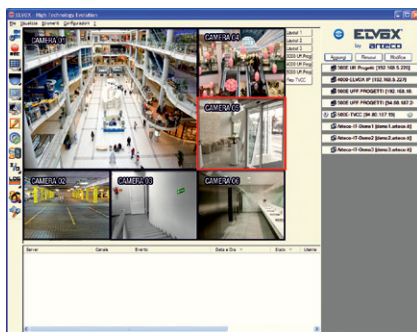
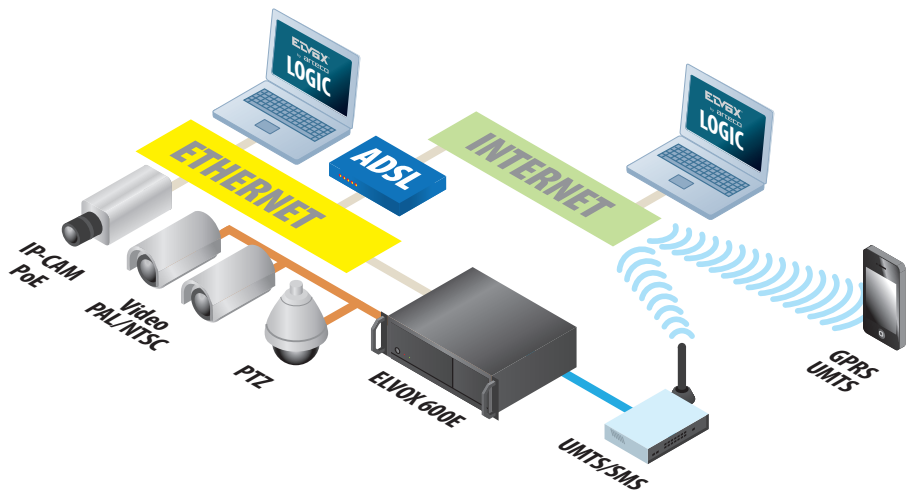
Digital DVR with 32 analogue video channels (1TB HDD)

TYPE 5286/8

Digital NVR with 8 IP video channels (1TB HDD)



App for iPhone and iPad



SOFTWARE

- Operating System Windows Embedded
- Operating System partition write protection (optional)
- Uniqueness of local and remote interfaces
- Codec video compression recording
 - H264 hardware encoding
 - Native encoding for IP cameras
- Codec video compression display
 - H264 hardware encoding
 - MJPEG software encoding
 - MPEG4 software encoding
 - Native encoding for IP cameras
- Max display frame rate
 - Analogue channel: up to 25 FPS @ 704 x 576 (4CIF)
 - IP channel: compatible with megapixel full-frame resolution
- Max recording frame rate
 - Analogue channel: up to 25 FPS @ 704 x 576 (4CIF)
 - IP channel: compatible with megapixel full-frame resolution
 - Certification on non-manipulation of recorded images
- Network transmission rate (352x288@10FPS and quality 75%):
 - 60 Kbps for static images
 - 180 Kbps for moving images
- 14 independent filters for each video channel to minimise redundant events
- Simple mode to adjust sensitivity
- Logical I/Os for PTZ tilt on event (optional)
- For each channel, independent regulation of:
 - Resolution
 - Frame rate
 - Quality
 - Continuous and event recording
 - Pre-event queue up to 10 minutes
- Layout: up to 7x7 – Configurable layouts – digital zoom

- 5 event notification modes
 - Visual: red frame image, event logs, pop-up mode
 - Audible: WAV, MP3, PC buzzer
 - Email: HTML with photos and text
 - I/O: through integrated IP cameras
 - SMS (optional)
- Manual and automatic PTZ control
- 3 different levels of user rights
 - User, Power User, Administrator
- Access licences for Elvox by Artec-Logic or Elvox by Artec-Mobile
 - 2 connections, 2 user accounts
 - optional upgrade

HARDWARE

- 8-16-32 analogue video inputs (PAL/NTSC) or up to 72 IP sources
- Dedicated hardware with H264 compression board
- 1 TB hard disk capacity (MAX 4 HDD X 1 TB) (expandable) RAID 5 optional
- Internal digital I/Os (optional):
 - 4 inputs 0 - 12 VDC
 - 4 outputs NO/NC, 1 A @ 24 VDC
- External digital I/O, up to 31 modules of 8 I/O:
 - 8 inputs 0 - 12 VDC (optional)
 - 8 outputs NO/NC, 1 A @ 30 VDC, 0.5 A @ 250 VAC (optional)
- Software on Compact Flash
- DVD burner (optional)
- (x2) PS/2 ports for mouse and keyboard
- (x6) USB 2.0 ports (2 front and 4 rear)
- 9-pin RS-422/485 half duplex port for PTZ control
- 9-pin RS232 port for optional external serial I/O modules
- 25-pin LPT port
- VGA output
- 1 Gbps Ethernet port
- 2.5 mm audio jack output
- 2.5 mm microphone input

SPECIFICATIONS

- Supply voltage 230 VAC, 50Hz, power cons. 120 W
- Operating temperature 0 - 40 °C, max RH 80% n.c.
- Dimensions in mm: 425 x 170 x 480 WxHxD
- Handles front +30 mm
- RAID depth + 60 mm
- Weight: 16.7 kg

Enterprise Solutions



Hardware solutions up to 32 hybrid channels or up to 72 IP channels suitable for large installations.

Software solutions for handling an unlimited number of servers and cameras.

Top performance, advanced motion detection with additional backgrounds and filters for maximum configurability and effective video analysis.





500E series

Active video surveillance for small and medium installations
Up to 8 hybrid channels
Up to 16 IP channels



CONFIGURATION

 O.S. Windows XP Embedded	 500GB HARD DISK	 UP TO 8 HYBRID CH OR 16 IP CH
 25FPS 4CIF (analogue) Megapixel (IP)	 MOTION DETECTION Enterprise	 4 CONNECTION 4 ACCOUNTS (expandable)
 PRIVACY FILTER	 View via PDA	 4 hardware I/Os Logical I/Os
 PERSPECTIVE	 MAPS PLUG-IN	 Web client
		 Multiserver control

OPTIONAL

 WIRELESS KIT On-demand connection with UMTS modem	 JOYSTICK for PTZ control	 TRAFFIC PLUG-IN Vehicle counting - Classification - Queue detection - Wrong way detection
 High Availability	 PRO PLUG-IN Abandoned object - No parking - Access point counting - Speed control	

Compact and powerful, 500E can simultaneously analyse up to 8 hybrid channels or 16 IP channels, minimising redundant event signalling.

Remote recording and playback at 25FPS and 4CIF resolution with H264 hardware compression on all analogue video channels.
Remote recording and playback at 25 FPS and Megapixel Resolution with compatible IP cameras (MPEG - MPEG4 - H264 - MxPEG).

500E is offered with an advanced analytics configuration for reliable motion event detection thanks to the "Violated Area" control and the numerous included filters, including perspective correction.

With its special and exclusive image blurring software module, 500E enables full compliance with applicable Privacy regulations, with password-controlled playback of recordings in "clear" mode.

Expandable and flexible: multiple 500E units can be integrated and controlled from a single computer equipped with the Elvox by Arteco-Logic application, which can be installed on a computer to allow local and remote control of all functions. Using a second monitor it is possible to view interactive maps of installed cameras.

500E can handle images captured by numerous models of camera from the leading international manufacturers.

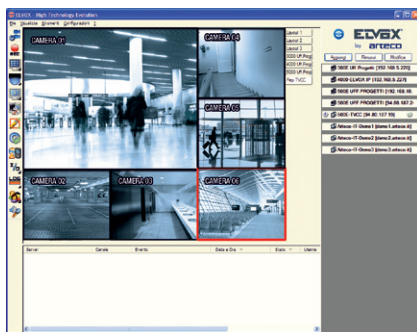
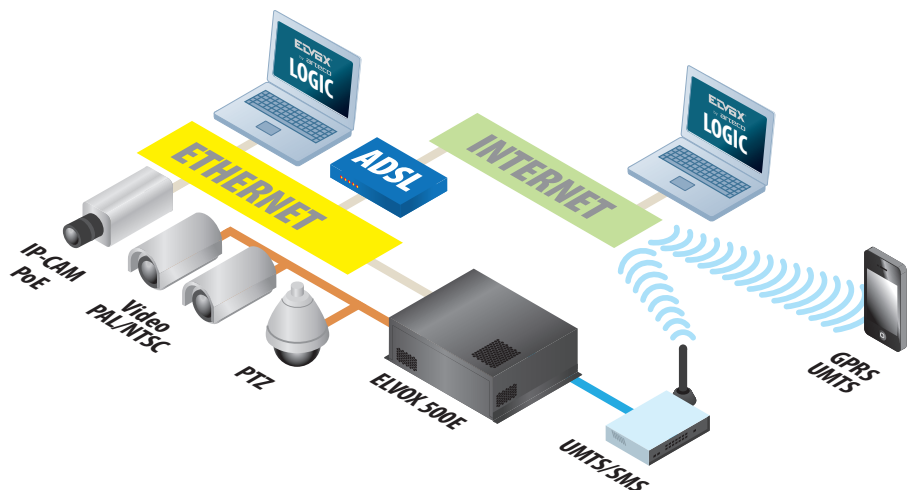
TYPE 5255/I4
Digital NDVR with 4 hybrid video channels (500GB HDD)

TYPE 5255/I8
Digital NDVR with 8 hybrid video channels (500GB HDD)

TYPE 5255/4
Digital NVR with 4 IP video channels (500GB HDD)



App for iPhone and iPad



SOFTWARE

- Operating System Windows Embedded
- O.S. partition write protection (optional)
- Uniqueness of local and remote interfaces
- Codec image compression recording and display
 - H264 hardware encoding
 - MJPEG software encoding
 - MPEG4 software encoding
 - Native encoding for IP cameras
- Total display frame rate for 16 channels
 - Analogue channel: up to 25 FPS @ 704 x 576 (4CIF)
 - IP channel: compatible with megapixel full-frame resolution
- Total recording frame rate for 16 channels
 - Analogue channel: up to 25 FPS @ 704 x 576 (4CIF)
 - IP channel: compatible with megapixel full-frame resolution
 - Certification on non-manipulation of recorded images
- Network transmission rate (352x288@10FPS, quality 75%):
 - 60 Kbps for static images
 - 180 Kbps for moving images
- 18 independent filters for each video channel to minimise redundant events
- High Availability (optional)
- Simple and Advanced mode to adjust sensitivity
- Logical I/Os for PTZ tilt on event
- Perspective correction
- Interactive maps
- For each channel, independent regulation of:
 - Resolution
 - Frame rate
 - Quality
 - Continuous and/or event recording

- Pre-event queue up to 10 minutes
- Layout: up to 7x7 – Configurable layouts – digital zoom
- 5 event notification modes
 - Visual: red frame image, event logs, pop-up mode
 - Audible: WAV, MP3, PC buzzer
 - Email: HTML with photos and text
 - I/O: through integrated IP cameras
 - SMS (optional)
- Manual or automatic PTZ control
- 3 different levels of user rights
 - User, Power User, Administrator
- Access licences for Arteco-Logic or Arteco-Mobile
 - 4 connections, 4 user accounts
 - optional upgrade

HARDWARE

- 4-8 hybrid channels (PAL, NTSC or IP), up to 16 IP-only channels
- Dedicated hardware with H264 compression board
- Hard disk capacity: 500 GB (expandable)
- Internal digital I/Os:
 - 4 inputs 0 - 12 VDC
 - 4 outputs NO/NC, 1 A @ 24 VDC
- External digital I/O, up to 31 modules of 8 I/O:
 - 8 inputs 0 - 12 VDC (optional)
 - 8 outputs NO/NC, 1 A @ 30 VDC, 0.5 A @ 250 VAC (optional)
- Software on Compact Flash
- (x2) PS/2 ports for mouse and keyboard
- (x4) USB 2.0 ports
- 9-pin RS-422/485 half duplex port for PTZ control
- 9-pin RS232 port for optional external serial I/O modules
- 25-pin LPT port
- VGA output
- 1 Gbps Ethernet port
- 2.5 mm audio jack output
- 2.5 mm microphone input

SPECIFICATIONS

- Supply voltage 230 VAC, 50 Hz, power cons. 80 W
- Operating temperature 0 - 40 °C, max RH 80% n.c.
- Dimensions in mm: 85 x 360 x 290 WxHxD
- Weight: 5.2 kg

700E series

Active video surveillance for large installations
Up to 32 hybrid channels
Up to 72 IP channels



CONFIGURATION



O.S. Windows XP Embedded



500GB HARD DISK



UP TO 8 ANALOGUE CH
12 IP CH



25FPS
4CIF (analogue)
Megapixel (IP)



MOTION DETECTION
Professional



2 CONNECTION
2 ACCOUNTS
(expandable)



PRIVACY FILTER



View via PDA



4 hardware I/Os
Logical I/Os



PERSPECTIVE



MAPS PLUG-IN



Web client



Multiserver control

OPTIONAL



WIRELESS KIT
On-demand connection
with UMTS modem



JOYSTICK for
PTZ control



TRAFFIC PLUG-IN
Vehicle counting - Classification
- Queue detection - Wrong
way detection



High Availability



4 TB RAID-5
(2+2 TB - hot swap)



DVD burner



PRO PLUG-IN
Abandoned object - No parking - Access
point counting - Speed control

Able to analyse up to 72 analogue video sources or 32 IP sources, 700E is the industrial video surveillance device in 19" rack format with Active event notification to users. Instantly receiving these signals, they can display live images and corresponding recordings in real time.

700E is offered with an advanced analytics configuration for reliable motion event detection thanks to the "Violated Area" control and the numerous included filters, including perspective correction.

With its special and exclusive image blurring software module, 700E enables full compliance with applicable Privacy regulations, with password-controlled playback of recordings in "clear" mode. Includes option of inserting blurred areas for privacy purposes, which can subsequently be removed by authorised users.

Remote recording and playback at 25FPS, 4CIF resolution with H264 hardware compression for each analogue channel.

Remote recording and playback at 25 FPS and Megapixel Resolution with compatible IP cameras (MJPEG - MPEG4 - H264 - MxPEG).

Expandable and flexible: multiple 700E units can be integrated and controlled from a single workstation using our Elvox by Artec-Logic management software, which can be installed on multiple workstations to enable simultaneous control by multiple operators.

Stringent testing and solid construction make the 700E the ideal product to withstand even the most critical environmental conditions.

700E can handle images captured by numerous models of camera from the leading international manufacturers.

TYPE 5287/I8

Digital NDVR with 8 hybrid video channels (1 TB HDD)

TYPE 5287/I16

Digital NDVR with 16 hybrid video channels (1 TB HDD)

TYPE 5287/I32

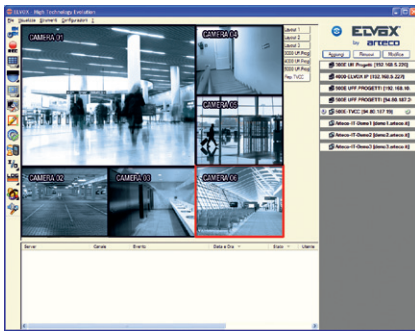
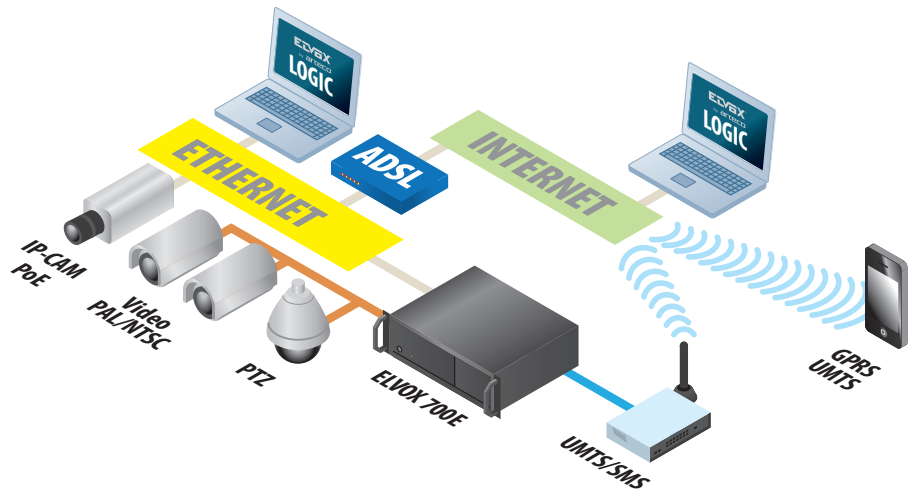
Digital NDVR with 32 hybrid video channels (1 TB HDD)

TYPE 5287/8

Digital NVR with 8 IP video channels (1 TB HDD)



App for iPhone and iPad



SOFTWARE

- Operating System Windows XP Embedded
- O.S. partition write protection (optional)
- Desktop protected for User
- Uniqueness of local and remote interfaces
- Codec image compression recording and display
 - H264 hardware encoding
 - MJPEG/MPEG4 software encoding
 - Native encoding for IP cameras
- Total display frame rate for 32 channels
 - Analogue channel: up to 25 FPS @ 704 x 576 (4CIF)
 - IP channel: compatible with megapixel full-frame resolution
- Total recording frame rate for 32 channels
 - Analogue channel: up to 25 FPS @ 704 x 576 (4CIF)
 - IP channel: compatible with megapixel full-frame resolution
 - Certification on non-manipulation of recorded images
- Network transmission rate (352x288@10FPS and quality 75%):
 - 60 Kbps for static images
 - 180 Kbps for moving images
- 18 independent filters for each video channel to minimise redundant events
- High Availability (optional)
- Simple and Advanced mode to adjust sensitivity
- Logical I/Os for PTZ tilt on event
- Perspective correction
- Interactive maps
- For each channel, independent regulation of:
 - Resolution
 - Frame rate
 - Quality
 - Continuous and/or event recording
 - Pre-event queue up to 10 minutes
- Layout: up to 7x7 – Configurable

SPECIFICATION

- Supply voltage 230 VAC, 50 Hz, power cons. 120 W
- Operating temperature 0 - 40 °C, max RH 80% n.c.
- Dimensions in mm: 425 x 480 x 170 WxHxD
- Handles front +30 mm
- RAID depth + 60 mm
- Weight: 16.7 Kg

layouts – digital zoom

- 5 event notification modes
 - Visual: red frame image, event logs, pop-up mode
 - Audible: WAV, MP3, PC buzzer
 - Email: HTML with photos and text
 - I/O: through integrated IP cameras
 - SMS (optional)
- Manual or automatic PTZ control
- 3 different levels of user rights
 - User, Power User, Administrator
- Access licences for Arteco-Logic or Arteco-Mobile
 - 4 connections, 4 user accounts
 - optional upgrade

HARDWARE

- 8-16-32 hybrid channels (PAL/NTSC/IP) or up to 72 IP-only channels
- Dedicated hardware with H264 compression
- Hard disk capacity: 1 TB (MAX 4 HDD x 1 TB) (expandable) RAID5 optional
- Internal digital I/Os:
 - 4 inputs 0 - 12 VDC
 - 4 outputs NO/NC, 1 A @ 24 VDC
- External digital I/O, up to 31 modules of 8 I/O:
 - 8 inputs 0 - 12 VDC (optional)
 - 8 outputs NO/NC, 1 A @ 30 VDC, 0.5 A @ 250 VAC (optional)
- Software on Compact Flash
- DVD burner (optional)
- (x2) PS/2 ports for mouse and keyboard
- (x6) USB 2.0 ports (2 front and 4 rear)
- 9-pin RS-422/485 half duplex port for PTZ control
- 9-pin RS232 port for optional external serial I/O modules
- VGA output
- 1 Gbps Ethernet port
- 2.5 mm audio jack output
- 2.5 mm microphone input

GATE series

Customisable and scalable
licence plate reading system
based on web client



CONFIGURATION



O.S. Windows XP Embedded From 1 to 4 access points Multiserver control



Web client Licence plate reading up to 250 km/h without trigger Parking Management



Instant email or audible notifications EXCEL compatible

OPTIONAL



Special licence plate reading camera SMS notification



Type 5E30/LT

Special camera for reading licence plates in any lighting conditions, dedicated to the Elvox Gate series, 1/3" Sony Exview sensor, 570 TV lines, infrared frequency 850 Nm, infrared pulse frequency 2,000 W, protection rating IP66, supply voltage 20 - 36 VDC or 24 - 28 VAC (50 - 60 Hz).

Versatile, simple to use and customisable, GATE is the licence plate reading system designed to handle from 1 to 4 vehicle access points from each server. Multiple servers can be managed simultaneously from one application through the web client, to increase the number of access points that can be monitored by a single application.

The process of plate recognition can be triggered in real time when the vehicle passes in front of the camera or by triggering an I/O connected to GATE. The monitoring function is facilitated by different viewing modes that enable both the vehicle and the driver's photo to be displayed at the same time. Digital I/O modules enable the system to be integration with other devices such as automatic gates, infrared sensors, magnetic loops and alarms. The performance of GATE can be maximised by using special licence plate recognition video cameras with infrared optical filter and high power LEDs.

GATE APR SERIES

525G/1VA

Digital IVS automatic plate recognition at 1 access point

525G/2VA

Digital IVS automatic plate recognition at 2 access points

525G/3VA

Digital IVS automatic plate recognition at 3 access points

525G/4VA

Digital IVS automatic plate recognition at 4 access points

GATE PAC SERIES

The PAC (Parking Access control) version requires the use of an external trigger and a physical barrier in the lane of the vehicle, which limits its speed.

525G/1VP

Digital IVS licence plate reading for control of 1 access point

525G/2VP

Digital IVS licence plate reading for control of 2 access points

525G/3VP

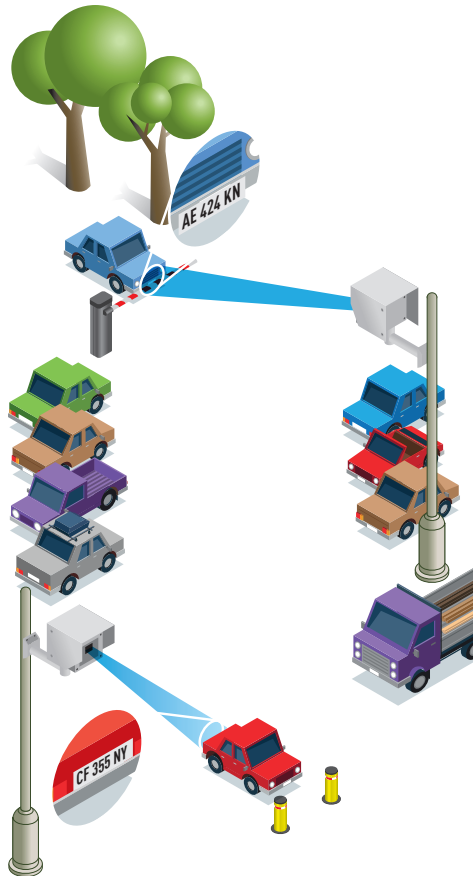
Digital IVS licence plate reading for control of 3 access points

525G/4VP

Digital IVS licence plate reading for control of 4 access points



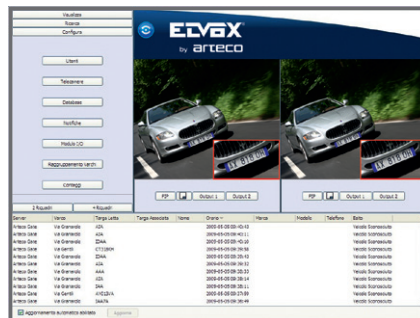
GATE is the licence plate reading system designed to handle from 1 to 4 vehicle access points from each server



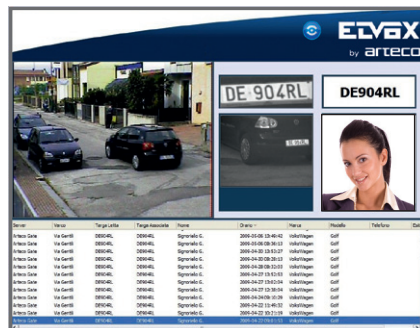
SPECIFICATIONS

- Supply voltage: 230 VAC 50 Hz
- power consumption 120 W
- Operating temperature 0 - 40 °C, max RH 80% n.c.
- Dimensions in mm: 425 x 170 x 480 WxHxD
- Handles front +30 mm
- Weight: 16.7 kg

HOW IT WORKS



LICENCE PLATE RECOGNITION DATABASE



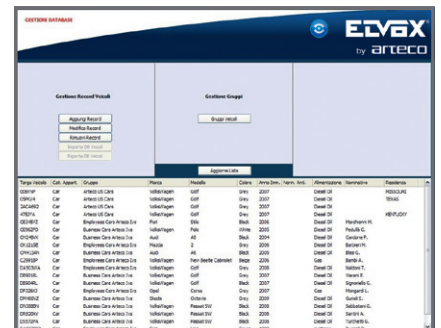
SOFTWARE

- Operating System Windows XP Embedded
- High reliability: 99% (used with ground loops or infrared sensors)
- High recognition speed: < 0.2 seconds
- OCR activated continuously or by I/O
- Resolution up to 720 x 576 (PAL) and 720 x 480 (NTSC) – Megapixel (IP)
- Active count of vehicles in parking facility (difference between vehicles entering and leaving)
- Snapshot of vehicle, licence plate or driver
- Licence plate database compatible with Microsoft Excel (SQL Server)
- Multiple scanning technologies for greater reliability
- Generation of alarms on detection of an unlisted vehicle
- E-mail, SMS or audible notifications when a blacklisted vehicle is detected
- Picture-in-picture window provides live camera display and the last recognised image
- Unlimited number of groups of registered vehicles in database
- Activation of external devices based on licence plate recognition

INTUITIVE INTERFACE



LICENCE PLATES RECORDED IN DATABASE



- Recognition, display, and storage of the plate with a saved image in the database
- Operator can match file photo of vehicle/driver to captured licence plate
- Search input/output devices for vehicles by entering the licence plate or any other parameter recorded in the database
- Supports JPEG format (3 million images stored in 250 GB HDD)
- Auto-deletion of old images when hard disk is full
- Capability to configure archive duration of sensitive data

ACCESS POINT CHARACTERISTICS

GATE is available in two versions: APR and PAC.

- The **APR** (Automatic Plate recognition) version does not require any external trigger or physical barriers (e.g. bars) and can detect the licence plates of cars at speeds up to 250 km/h.
- The **PAC** (Parking Access control) version requires the use of an external trigger and a physical barrier in the lane of the vehicle, which limits its speed.



OPTIONALS FOR 300E SERIES

- 52LZ/3C1** Licence for 1 additional channel from 5 to 12
- 52LZ/3C4** Expansion for 4 additional IP licences
- 52LZ/PPZ** Privacy Zone plug-in
- 52LZ/1UA** Expansion for 1 additional user
- 52LZ/1CC** Expansion for 1 simultaneous connection
- 52LZ/CM** Multiserver control plug-in (max 3 servers)
- 52LZ/MMS** Plug-in for SMS/MMS notification (includes modem)
- 52LZ/WD** Plug-in for on-demand Internet wireless connection (includes modem)
- 52JO** USB joystick for remote operation of PTZ video cameras

OPTIONALS FOR 400E SERIES

- 52LZ/4C1** Licence for 1 additional IP channel from 5 to 12
- 52LZ/4C4** Expansion for 4 additional IP licences
- 52LZ/DE** License upgrade for Motion Detection Enterprise channel
- 52LZ/3U** Expansion for 3 additional users
- 52LZ/1CC** Expansion for 1 simultaneous connection
- 52LZ/3UC** Expansion (3 Users + 1 simultaneous conn.)
- 52LZ/IOV** Virtual I/Os plug-in
- 52LZ/IOC** Concatenated I/Os plug-in
- 52LZ/MP** Maps plug-in
- 52LZ/MMS** Plug-in for SMS/MMS notification (includes modem)
- 52LZ/WD** Plug-in for on-demand Internet wireless connection (includes modem)
- 52LZ/4.4** Serial hardware module 4+4 internal I/O
- 52LZ/8.8** Serial hardware module 8+8 I/O
- 52RS/485** RS232-RS422/485 converter for remote PTZ control
- 52JO** USB joystick for remote control of PTZ video cameras

OPTIONALS FOR 600E SERIES

- 52LZ/6L1** Licence for 1 additional IP channel from 9 to 72
- 52LZ/6L4** Expansion for 4 additional IP licences
- 52LZ/MDE** License upgrade for Motion Detection Enterprise channel
- 52LZ/3U** Expansion for 3 additional users
- 52LZ/1CC** Expansion for 1 simultaneous connection
- 52LZ/3UC** Expansion (3 Users + 1 simultaneous conn.)
- 52LZ/IOV** Virtual I/Os plug-in
- 52LZ/IOC** Concatenated I/Os plug-in
- 52LZ/MP** Maps plug-in
- 52LZ/MMS** Plug-in for SMS/MMS notification (includes modem)
- 52LZ/WD** Plug-in for on-demand Internet wireless connection (includes modem)
- 52LZ/4.4** Serial hardware module 4+4 internal I/O
- 52LZ/8.8** Serial hardware module 8+8 I/O
- 52HD/1T** Expansion 1TB HDD capacity (max. 4TB total)
- 52RD/4** RAID5 4TB capacity (oversized housing with depth 9 cm)
- 52MA** DVD burner for data archiving
- 52JO** USB joystick for remote operation of PTZ video cameras



OPTIONALS FOR 500E SERIES

- 52LZ/5L1** Licence for 1 additional IP channel from 5 to 16
- 52LZ/5L4** Expansion for 4 additional IP licences
- 52LZ/01T** Optional 1TB capacity
- 52LZ/AVA** Pro channel license upgrade (advanced video analysis algorithms)
- 52LZ/CT** Traffic channel licence
- 52LZ/RSB** Local recording and stream broadcaster
- 52LZ/3U** Expansion for 3 additional users
- 52LZ/1CC** 1 additional simultaneous connection
- 52LZ/3UC** Expansion (3 Users + 1 simultaneous conn.)
- 52LZ/CCI** Expansion for simultaneous connections and unlimited users
- 52LZ/MMS** Plug-in for SMS/MMS notification (includes modem)
- 52LZ/WD** Plug-in for on-demand Internet wireless connection (includes modem)
- 52LZ/8.8** Serial hardware module 8+8 I/O
- 52JO** USB joystick for remote operation of PTZ video cameras

OPTIONALS FOR 700E SERIES

- 52LZ/7L1** Licence for 1 additional IP channel from 9 to 72
- 52LZ/7L4** Expansion for 4 additional IP licences
- 52LZ/AVA** Video analytics channel licence upgrade (PRO)
- 52LZ/CT** Traffic channel licence
- 52LZ/RSB** Local recording and stream broadcaster
- 52LZ/3U** Expansion for 3 additional users
- 52LZ/1CC** Expansion for 1 simultaneous connection
- 52LZ/3UC** Expansion (3 Users + 1 simultaneous conn.)
- 52LZ/CCI** Expansion for simultaneous connections and unlimited users
- 52LZ/MMS** Plug-in for SMS/MMS notification (includes modem)
- 52LZ/WD** Plug-in for on-demand Internet wireless connection (includes modem)
- 52JO** USB joystick for remote operation of PTZ video cameras
- 52LZ/8.8** Serial hardware module 8+8 I/O
- 52HD/1T** Expansion 1TB HDD capacity (max. 4TB total)
- 52MA** DVD burner for data archiving
- 52RD/4** RAID5 4TB capacity (oversized housing with depth 9 cm)



OPTIONALS FOR GATE SERIES

- 5E30/LT** ALPR licence plate reading camera
- 52LZ/MMS** Plug-in for SMS/MMS notification (includes modem)
- 52LZ/8.8** Serial hardware module 8+8 I/O



300E



400E

HARDWARE

Power consumption	30-40W
Operating system	Windows XP Embedded
O.S. write protection	-
Compact Flash	-
Hard Disk	500GB
Video channels (PAL / NTSC / IP)	from 4 to 12 IP channels
Internal I/Os	-
8 external I/Os (up to 31 modules)	-
RS-422/485 for PTZ control	-
DVD burner	-
Wireless Kit SW + Modem	yes (optional)
USB joystick for PTZ control	yes (optional)
4TB RAID-5 (2+2TB - hot swap)	-

Power consumption	90-100W
Operating system	Windows XP Embedded
O.S. write protection	yes (optional)
Compact Flash	yes
Hard Disk	500GB
Video channels (PAL / NTSC / IP)	4/8 analogue from 4 to 12 IP only
Internal I/Os	4 I/Os (optional, per 4 ch)
8 external I/Os (up to 31 modules)	yes (optional)
RS-422/485 for PTZ control	yes (optional)
DVD burner	-
Wireless Kit SW + Modem	yes (optional)
USB joystick for PTZ control	yes (optional)
4TB RAID-5 (2+2TB - hot swap)	-

SOFTWARE

Recording encoder	Native IP
Display encoder	Native IP SW: MJPEG- MPEG-4
Frame rate acceleration on event	-
Recording path	-
Multiclient control	yes
Multiserver control	yes (optional)
Local recording	-
Stream Broadcaster	-
Simultaneous connections	1 (expandable)
Configurable users	2 (expandable)
Unlimited users and connections	-
Watermarking	yes
PTZ control	yes
S.M.A.R.T.	yes
Virtual Machine	-
System event notification	yes
Video analysis event notification	yes
Screenshot	yes
Pop-up mode	yes
SMS notification	yes (optional)
Configurable layouts (up to 7x7)	yes
Live / Rec digital zoom	yes
Rotating timed layouts	yes
Privacy blurring	yes (optional)
Maps	-
View via PDA	yes
Client/Server audio chat	-
ANALYSIS	
Advanced filters	-
Advanced backgrounds	-
View details	-
View Advanced details	-
Perspective	-
Motion Detection Small Business	yes
Motion Detection Professional	-
Motion Detection Enterprise	-
Object Analytics plug-in:	
Abandoned object, parking prohibited, access point counting, speed control	-
TRAFFIC plug-in:	
Vehicle counting, classification, wrong way detection, queue detection	-
Analysis Calendar	yes
Concatenated Area Control	-
Concatenated I/Os	-
Virtual I/Os (recall PTZ preset)	-

Recording encoder	HW: H264 / Native IP
Display encoder	HW: H264 / Native IP SW: MJPEG- MPEG-4
Frame rate acceleration on event	yes
Recording path	yes
Multiclient control	yes
Multiserver control	yes
Local recording	-
Stream Broadcaster	-
Simultaneous connections	2 (expandable)
Configurable users	2 (expandable)
Unlimited users and connections	yes (optional)
Watermarking	yes
PTZ control	yes
S.M.A.R.T.	yes
Virtual Machine	-
System event notification	yes
Video analysis event notification	yes
Screenshot	yes
Pop-up mode	yes
SMS notification	yes (optional)
Configurable layouts (up to 7x7)	yes
Live / Rec digital zoom	yes
Rotating timed layouts	yes
Privacy blurring	yes
Maps	yes (optional)
View via PDA	yes
Client/Server audio chat	-
ANALYSIS	
Advanced filters	yes (optional)
Advanced backgrounds	yes (optional)
View details	yes
View Advanced details	yes (optional)
Perspective	yes (optional)
Motion Detection Small Business	yes
Motion Detection Professional	yes
Motion Detection Enterprise	yes (optional)
Object Analytics plug-in:	
Abandoned object, parking prohibited, access point counting, speed control	-
TRAFFIC plug-in:	
Vehicle counting, classification, wrong way detection, queue detection	-
Analysis Calendar	yes
Concatenated Area Control	yes
Concatenated I/Os	yes (optional)
Virtual I/Os (recall PTZ preset)	yes (optional)



Series: SPEED IP

Day & Night outdoor speed dome colour IP camera, 1/4" SONY Super HAD sensor, 570 TV lines, 36X optical zoom, 16X digital zoom, H264 compression, Davinci DSP, OSD control, PRIVACY function, mechanical IR cut filter, Motion Detection, SD/SDHC card local storage, supply voltage 24 Vac. IP66 die-cast aluminium housing.

Technical specifications:

Sensor	1/4" Sony Super HAD CCD
Resolution	540 TV lines colour – 570 TV lines B/W
Effective pixels	PAL: 752(H) x 582(V) / NTSC: 768(H) x 494(V)
Electronic shutter	1/50 (1/60) X ~ 1/100,000 sec
Lens	36X optical zoom - 16X digital zoom
Focal length	3.4 mm ~ 122.4 mm - F 1.6 ~ F 4.5
BLC/WDR	ON / OFF
Minimum illumination	0.2Lux (colour) - 0.02 Lux (B/W) F1.4
Privacy mask	15 Privacy areas
Preset positions	256
Patrol	8 patrol paths, each path up to 32 presets
Pattern	4 programmable patterns with max. recording time 10 minutes
Park function	Preset – Patrol – Pattern – Horizontal Scan – Vertical Scan
Alarm inputs/outputs	7 inputs / 2 relay outputs
RS485 protocol	Pelco D, Pelco P
Audio input	2 – 2.4 Vpp, Output impedance 1 KΩ. ± 10%
Audio output	Impedance 600Ω
Ethernet	10 Base-T / 100 Base-TX, RJ45 connector
Image compression	H264
Audio compression	OggVorbis / 16 Kbps
Protocol	TCP/IP, HTTP, DHCP, DNS, RTP, RTCP, PPPoE
Dual Stream	YES
Local storage	SD Cards - SDHC - Manual recording - Alarm recording
Rotation speed	Horizontal: Manual speed 0.1° F 1.6 – F 4.5 240°/ 320° / 400°/s Vertical: Manual speed 0.1° ~ 140°/ 190° / 240°/s - Preset speed 400°/s
Horizontal rotation	360°
Protection level	TVS 3,000V - lightning protection, surge protection and voltage transient protection
Protection rating	IP66
Operating temperature	-30°C ~ 65° - 90% RH
Supply voltage / Power consumption	24 Vac power supply unit included - 15W (30W with thermostatically-controlled heater on)
Dimensions / Weight	Ø 220 x 299.2 mm - 5 kg

TYPE 51D3/E36



Series: SPEED IP

Day & Night outdoor speed dome colour IP camera, 1/3" SONY progressive scan sensor, 1.3 megapixels, 18X optical zoom, 12X digital zoom, H264 compression, Davinci DSP, OSD control, mechanical IR cut filter, Motion Detection, SD/SDHC card local storage, supply voltage 24 Vac. IP66 die-cast aluminium housing.

Technical specifications:

Sensor	1/3" Sony progressive scan CCD
Resolution	1.3 MEGAPIXELS
Effective pixels	1280(H) x 960(V)
Electronic shutter	1/25 X ~ 1/100,000 sec
Lens	18X optical zoom - 12X digital zoom
Focal length	4.7 mm – 84.6 mm with 18X
BLC/WDR	ON/ OFF
Minimum illumination	0.1Lux (colour) - 0.01 Lux (B/W) F1.6
Preset positions	256
Patrol	8 patrol paths, each path up to 32 presets
Pattern	4 programmable patterns with max. recording time 10 minutes
Park function	Preset – Patrol – Pattern – Horizontal Scan – Vertical Scan
Alarm inputs/outputs	1 input / 1 relay output
RS485 protocol	Pelco D, Pelco P
Audio input	2 – 2.4 Vpp, Output impedance 1 K Ω . \pm 10%
Audio output	Impedance 600 Ω
Ethernet	10 Base-T / 100 Base-TX, RJ45 connector
Image compression	H264
Audio compression	OggVorbis / 16 Kbps
Protocol	TCP/IP, HTTP, DHCP, DNS, RTP, RTCP, PPPoE (FTP, NTP, SNMP, connectable)
Dual Stream	YES
Local storage	SD Cards - SDHC - Manual recording - Alarm recording
Rotation speed	Horizontal: Manual speed 0.1° ~ 240° / 320° / 400°/s Vertical: Manual speed 0.1° ~ 50° /s, - Preset speed 50°/s
Horizontal rotation	360°
Protection level	TVS 3,000V - lightning protection, surge protection and voltage transient protection
Protection rating	IP66
Operating temperature	-30°C ~ 65° - 90% RH
Supply voltage / Power consumption	24 Vac power supply unit included - 15W (30W with thermostatically-controlled heater on)
Dimensions / Weight	Ø 220 x 299.2 mm - 5 kg

TYPE 51D3/EIP



Series: SPEED IP

Day & Night indoor speed dome colour IP camera, 1/4" SONY Interline Transfer sensor, 570 TV lines, 10X optical zoom, 10X digital zoom, H264 compression, Davinci DSP, PoE, OSD control, mechanical IR cut filter, Motion Detection, SD/SDHC card local storage, supply voltage 12 Vdc.

Technical specifications:

Sensor	1/4" Sony Interline CCD
Resolution	500 TV lines colour – 570 TV lines B/W
Effective pixels	PAL 752(H) x 582(V) / NTSC: 768(H) x 494(V)
Electronic shutter	1/50 (1/60) sec X ~ 1/10,000 (1/10,000) sec
Lens	10X optical zoom - 10X digital zoom
Focal length	3.8 mm – 38 mm with 10X
BLC/WDR	ON/ OFF
Minimum illumination	0.7Lux (colour) - 0.02 Lux (B/W) F1.4
Privacy mask	4 Privacy areas
Preset positions	256
Patrol	8 patrol paths, each path up to 32 presets
Pattern	4 programmable patterns with max. recording time 10 minutes
Park function	Preset – Patrol – Pattern – Horizontal Scan – Vertical Scan
Alarm inputs/outputs	1 input / 1 relay output
RS485 protocol	Pelco D, Pelco P
Audio input	2 – 2.4 Vpp, Output impedance 1 K Ω . \pm 10%
Audio output	Impedance 600 Ω
Ethernet	10 Base-T / 100 Base-TX, RJ45 connector
Image compression	H264
Audio compression	OggVorbis / 16 Kbps
Protocol	TCP/IP, HTTP, DHCP, DNS, RTP, RTCP, PPPoE (FTP, NTP, SNMP, connectable)
Dual Stream	YES
Local storage	SD - SDHC - Manual recording - Alarm recording
Rotation speed	Horizontal: Manual speed 0.1° ~ 240° / 320° / 400°/s Vertical: Manual speed 0.1° ~ 90°/s, - Preset speed 200°/s
Horizontal rotation	360°
Operating temperature	-10°C ~ 50° - 90% RH
Supply voltage / Power consumption	12 Vdc - PoE - 12W
Dimensions / Weight	Ø 145 x 132.8 mm - 2 kg

TYPE 51D3/10

Series: IP MEGAPIXEL



Day & Night colour IP camera, 1/3" Sony progressive scan sensor, 1.3 megapixels, H264/MJPEG compression, PoE, mechanical IR cut filter, dual stream, SD/SDHC card local storage, remote view via mobile phone, C/CS mount lens.

Lens purchased separately

Technical specifications:

Sensor	1/3" Sony progressive scan CCD
Resolution	1.3 MEGAPIXELS 50 Hertz – (1280 X 960):12.5 FPS, (1280 X 720): 25 FPS 60 Hertz – (1280 X 960): 15 FPS, (1280 X 720): 30 FPS
Effective pixels	1280(H) x 960(V)
Electronic shutter	1/25 X ~ 1/100,000 sec
Lens	C/CS mount - DC Drive
Minimum illumination	0.1Lux (colour) F1.2 - 0.01 Lux (B/W) F1.6
Alarm inputs/outputs	1 input / 1 output
Audio input	2 – 2.4 Vpp, Output impedance 1 K Ω . \pm 10% mini jack
Audio output	Impedance 600 Ω jack
Image compression	H264 / MJPEG
Audio compression	OggVorbis
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP / RTSP, PPPoE, SMTP, NTP
Local storage	SD / SDHC (NAS)
Intelligent alarm	Motion detection, Video Loss, Network Disconnect, IP conflict, Storage exception
Ports	1 RJ 45 - 10/100 M, 1 RS-485
Operating temperature	-10°C ~ 60° - 90% RH
Supply voltage / Power consumption	12Vdc \pm 10%, or PoE - 7.5W/12.5W (max. with ICR on)
Dimensions / Weight	68 x 57 x 144.8 mm - 500 g

we recommend the use of lens: megapixel, manual or dc driver

TYPE 55IP/1

Series: IP MEGAPIXEL



Day & Night colour IP camera, 1/3" CMOS progressive scan sensor, 2 megapixels, H264/MJPEG compression, PoE, mechanical IR cut filter, dual stream, SD/SDHC card local storage, remote view via mobile phone, C/CS mount lens.
Lens purchased separately

Technical specifications:

Sensor	1/3" CMOS progressive scan
Resolution	2 MEGAPIXELS 50 Hertz – (1600 X 1200):12.5 FPS, (1600 X 912): 12.5 FPS, (1280 X 960): 25 FPS (1280 x 720): 25 FPS 60 Hertz – (1600 X 1200): 15 FPS, (1600 X 912): 15 FPS, (1280 X 960): 30 FPS (1280 x 960): 30 FPS
Effective pixels	1600(H) x 1200(V)
Electronic shutter	1/25 X ~ 1/100,000 sec
Lens	C/CS mount - DC Drive
Minimum illumination	0.5Lux @ F1.2 – 0.1Lux @ (F1.2 sensitisation x 5) Colour 0.5 Lux @ F1.6 – 0.1Lux @ (F1.2 sensitisation x 5) B/W
Alarm inputs/outputs	1 input / 1 output
Audio input	2 – 2.4 Vpp, Output impedance 1 KΩ. ± 10% mini jack
Audio output	Impedance 600Ω jack
Image compression	H264 / MJPEG
Audio compression	OggVorbis
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP / RTSP, PPPoE, SMTP, NTP
Local storage	SD / SDHC (NAS)
Intelligent alarm	Motion detection, Video Loss, Network Disconnect, IP conflict, Storage exception
Ports	1 RJ 45 - 10/100 M, 1 RS-485
Operating temperature	-10°C ~ 60° - 90% RH
Supply voltage / Power consumption	12Vdc ± 10%, or PoE - 4.5W/9.5W (max. with ICR on)
Dimensions / Weight	68 x 57 x 144.8 mm - 500 g

we recommend the use of lens: megapixel, manual or dc driver

TYPE 55IP/2

Series: IP MEGAPIXEL



Day & Night colour IP camera, 1/3" CMOS progressive scan sensor, 3 megapixels, H264/MJPEG compression, PoE, mechanical IR cut filter, dual stream, SD/SDHC card local storage, remote view via mobile phone, C/CS mount lens.
Lens purchased separately

Technical specifications:

Sensor	1/3" CMOS progressive scan CCD
Resolution	3 MEGAPIXELS 50 Hertz – (2048 X 1536):12.5 FPS, (1920 X 1080): 25 FPS, (1600 X 1200): 25 FPS 60 Hertz – (2048 X 1536): 15 FPS, (1920 X 1080): 30 FPS, (1600 X 1200): 30 FPS
Effective pixels	2048(H) x 1536(V)
Electronic shutter	1/25 X ~ 1/100,000 sec
Lens	C/CS mount - DC Drive
Minimum illumination	0.5Lux @ F1.2 – 0.1Lux @ (F1.2 sensitisation x 5) Colour 0.05 Lux @ F1.6 – 0.01Lux @ (F1.2 sensitisation x 5) B/W
Alarm inputs/outputs	1 input / 1 output
Audio input	2 – 2.4 Vpp, Output impedance 1 KΩ. ± 10% mini jack
Audio output	Impedance 600Ω jack
Image compression	H264 / MJPEG
Audio compression	OggVorbis
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP / RTSP, PPPoE, SMTP, NTP
Local storage	SD / SDHC (NAS)
Intelligent alarm	Motion detection, Video Loss, Network Disconnect, IP conflict, Storage exception
Ports	1 RJ 45 - 10/100 M, 1 RS-485
Operating temperature	-10°C ~ 60° - 90% RH
Supply voltage / Power consumption	12Vdc ± 10%, or PoE - 4.5W/9.5W (max. with ICR on)
Dimensions / Weight	68 x 57 x 144.8 mm - 500 g

we recommend the use of lens: megapixel, manual or dc driver

TYPE 55IP/3

Series: IP MEGAPIXEL



Day & Night colour IP camera, 1/2.5" CMOS progressive scan sensor, 5 megapixels, H264/MJPEG compression, PoE, mechanical IR cut filter, dual stream, SD/SDHC card local storage, remote view via mobile phone, C/CS mount lens. Lens purchased separately

Technical specifications:

Sensor	1/2.5" CMOS progressive scan CCD
Resolution	5 MEGAPIXELS 50 Hertz - (2560 X 1920): 6 FPS, (2048 X 1536): 12.5 FPS, (1920 X 1080): 25 FPS (1600 X 1200): 25 FPS, (1280 X 720): 25 FPS 60 Hertz - (2560 X 1920): 7.5 FPS, (2048 X 1536): 15 FPS, (1920 X 1080): 30 FPS (1600 X 1200): 30 FPS, (1280 X 720): 30 FPS
Effective pixels	2560(H) x 1920(V)
Electronic shutter	1/25 X ~ 1/100000 sec
Lens	C/CS mount - DC Drive
Minimum illumination	0.6 Lux @ F1.2 Colour - 0.08 Lux @ F1.2 B/W
Alarm inputs/outputs	1 input / 1 output
Audio input	2 - 2.4 Vpp, Output impedance 1 K Ω . \pm 10%
Audio output	Impedance 600 Ω
Image compression	H264 / MJPEG
Audio compression	OggVorbis
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP / RTSP, PPPoE, SMTP, NTP
Local storage	SD / SDHC (NAS)
Intelligent alarm	Motion detection, Video Loss, Network Disconnect, IP conflict, Storage exception
Ports	1 RJ 45 - 10/100 M, 1 RS-485
Operating temperature	-10°C ~ 60° - 90% RH
Supply voltage / Power consumption	12Vdc \pm 10%, or PoE - 5W/10W (max. with ICR on)
Dimensions / Weight	68 x 57 x 144.8 mm - 500 g

we recommend the use of lens: megapixel, manual or dc driver

TYPE 55IP/05

Series: IP MEGAPIXEL



Day & Night colour dome IP camera, 1/3" CMOS progressive scan sensor, 2 megapixels, 3.3-12 mm varifocal lens, H264/MPEG4 compression, PoE, mechanical IR cut filter, dual stream, SD/SDHC card local storage, remote view via mobile phone, IP66 with IR LED.

Technical specifications:

Sensor	1/3" CMOS progressive scan CCD
Resolution	2 MEGAPIXELS (1600 X 1200): 12.5 FPS, (1600 X 912):12.5 FPS, (1280 X 720): 25 FPS, (704 X 576): 25 FPS, (704 X 480): 30 FPS
Effective pixels	1600(H) x 1200(V)
Electronic shutter	1/25 X ~ 1/100,000 sec
Lens	3.3-12mm auto-iris manual varifocal lens, F 1.4
Minimum illumination	0.5 Lux @ F 1.2 - 0.1 Lux @ F1.2 sensitisation x 5 0 Lux with IR
IR distance	10 ~15 m
Alarm inputs/outputs	1 input / 1 output
Audio input	1 input 2 - 2.4 Vpp, Output impedance 1 KΩ. ± 10%
Audio output	1 output - Impedance 600Ω
Image compression	H264 / MJPEG
Audio compression	OggVorbis
Protocol	TCP/IP, HTTP, DHCP, DNS, RTP / RTCP, PPPoE
Local storage	SD / SDHC
Ports	1 RJ 45 - 10/100 M, 1 RS-485
Protection rating	IP66
Operating temperature	-10°C ~ 60°
Supply voltage / Power consumption	24 Vac ± 10% / 12 Vdc ± 10%, or PoE - 6 W
Dimensions / Weight	Ø 156 x 134.5 - 1,400 g

TYPE 57IP

Series: IP



Day & Night colour IP camera, 1.4" CMOS progressive scan sensor, H264/MPEG4 compression, PoE, dual stream, SD/SDHC card local storage, remote view via mobile phone, C/CS mount lens. Manual iris
Lens purchased separately

Technical specifications:

Sensor	1/4" CMOS progressive scan CCD
Resolution	PAL 25 Hertz (704 X 576) / NTSC 30 FPS (704 X 480)
Effective pixels	640(H) x 480(V)
Electronic shutter	1/25 X ~ 1/100,000 sec
Lens	C/CS mount
Minimum illumination	0.4Lux @ F1.2
Alarm inputs/outputs	1 input / 1 output
RS485 protocol	Pelco D, Pelco P
Audio input	2 – 2.4 Vpp, Output impedance 1 K Ω . \pm 10%
Audio output	Impedance 600 Ω
Image compression	H264 / MPEG4
Audio compression	OggVorbis
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP / RTSP, PPPoE
Local storage	SD / SDHC
Ports	1 RJ 45 - 10/100 M, 1 RS-485
Operating temperature	-10°C ~ 60° - 90% RH
Supply voltage / Power consumption	12Vdc \pm 10%, or PoE - 3W
Dimensions / Weight	116 x 63 x 59 mm - 650 g

TYPE 53IP

Series: IP



Day & Night colour IP camera, 1/3" Sony Super HAD progressive scan sensor, 540 TV lines, H264/MPEG4 compression, PoE, dual stream, SD/SDHC card local storage, remote view via mobile phone, C/CS , DC Drive mount lens.

Lens purchased separately

Technical specifications:

Sensor	1/3" Sony Super HAD progressive scan sensor
Resolution	PAL 752(H) X 582(V) / NTSC 768(H) x 494(V)
Effective pixels	640(H) x 480(V)
Electronic shutter	1/50 (1/60)s ~ 1/100,000 sec
Lens	C/CS mount - DC/VIDEO Drive
Minimum illumination	0.1 Lux @ F1.2
Alarm inputs/outputs	1 input / 1 output
Audio input	1 input, 2 – 2.4 Vpp, Output impedance 1 K Ω . \pm 10%
Audio output	1 output, Impedance 600 Ω
Image compression	H264 / MPEG4
Audio compression	G711
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP / RTSP, PPPoE
Local storage	SD / SDHC
Ports	1 RJ 45 - 10/100 M, 1 RS-485
Operating temperature	-10°C ~ 60° - 90% RH
Supply voltage / Power consumption	12Vdc \pm 10%, or PoE - 4W
Dimensions / Weight	114 x 63 x 59 mm - 650 g

TYPE 54IP

Series: IP



Vandalproof mini dome colour IP camera with Day & Night functionality, 1/4" CMOS sensor, 4 mm fixed lens, three axes, H264/MPEG4/MJPEG compression, PoE, dual stream, remote view via mobile phone, IP66.

Technical specifications:

Sensor	1/4" CMOS
Effective pixels	640(H) x 480(V)
Lens	4 mm fixed - F 1.2 angle of view 71°
Lens adjustment	15° Vertical – 90° horizontal / ± 15° rotation
Adjustment axes	3 axes
Minimum illumination	0.1 Lux @ F1.2 Colour - 0.01 Lux @ F1.2 B/W
Alarm inputs/outputs	1 input / 1 output
Image compression	H264 / MPEG4 / MJPEG
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP / RTSP, PPPoE
Local storage	No (NAS)
Ports	1 RJ 45 - 10/100 M
Protection rating	IP66
Operating temperature	-10°C ~ 60° - 90% RH
Supply voltage / Power consumption	12Vdc ± 10%, or PoE - 3W
Dimensions / Weight	100 x 97.5 x 46.5 mm - 250 g

TYPE 56IP

Series: IP



Day & Night colour IP camera, 1/3" Sony Super HAD sensor, H264/MPEG4 compression, PoE, dual stream, remote view via mobile phone, IP66 with IR LED. Without bracket

Technical specifications:

Sensor	1/3" Sony Super HAD
Resolution	540 TV lines (58IP) - 480 TV lines (58IP/3, 58IP/6)
Effective pixels	PAL 752 (H) x 582 (V) / NTSC 768 (H) x 494 (V)
Lens	12 mm fixed (58IP), 3 mm fixed (58IP/3), 6 mm fixed (58IP/6)
Minimum illumination	0.1 Lux @ F1.2 - 0 Lux with IR on
IR distance	30 m
Alarm inputs/outputs	1 input / 1 output
Audio input	1 input, 2 – 2.4 Vpp, Output impedance 1 K Ω . \pm 10%
Audio output	1 output, Impedance 600 Ω
Image compression	H264 / MPEG4
Audio compression	OggVorbis
Protocol	TCP/IP, HTTP, DHCP, DNS, RTP / RTCP, PPPoE
Ports	1 RJ 45 - 10/100 M, 1 RS-485
Operating temperature	-10°C ~ 60°
Supply voltage / Power consumption	12Vdc \pm 10% - 7W
Dimensions / Weight	228 x 86.5 x 83.2 mm - 1,400 g

TYPE 58IP

Lens 12 mm fixed, 540 TV lines

NEW TYPE 58IP/3

Lens 3 mm fixed, 480 TV lines

NEW TYPE 58IP/6

Lens 6 mm fixed, 480 TV lines

Series: IP



Mini colour IP camera with Day & Night functionality, 1/3" CMOS progressive scan sensor, 4 mm fixed lens, H264/MJPEG compression, PoE, dual stream, SD card local storage, remote view via mobile phone.

Technical specifications:

Sensor	1/3" CMOS progressive scan
Resolution	640(H) x 480(V) VGA
Lens	4 mm C/CS - F 1.8 angle of view 54.9°
Lens adjustment	15° Vertical – 90° horizontal / ± 15° rotation
Minimum illumination	0.9 Lux @ F1.28 - 0.4 Lux @ F1.28
Audio input / output	Microphone input, loudspeaker output
Image compression	H264 / MJPEG
Audio compression	OggVorbis
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP / RTSP, PPPoE, SMTP, NTP
Local storage	SD (NAS)
Ports	1 RJ 45 - 10/100 M
Operating temperature	-10°C ~ 60° - 90% RH
Supply voltage / Power consumption	12Vdc ± 10% or PoE - 4W
Dimensions / Weight	110 x 70 x 33 mm - 250 g

TYPE 59IP

Series: IP



Video encoder with one video and audio channel, H264 compression, PTZ control, dual stream, one alarm input, one relay output.

Technical specifications:

Resolution	PAL- QCIF(176x144)/CIF(352x288)/2CIF(702x288)/DCIF(528x384)/4CIF(704x576) NTSC- QCIF(176x120)/CIF(352x240)/2CIF(702x240)/DCIF(528x320)/4CIF(704x480)
Frame rate	PAL 25 FPS / NTSC 30 FPS
Alarm inputs/outputs	1 input / 1 relay output
PTZ	RS485 (T+, T-)
Video input	1 BNC video input (1Vpp – 1 KΩ)
Audio input	2 – 2.4 Vpp, Output impedance 1 KΩ. ± 10%
Audio output	Impedance 600Ω
Ethernet	10 Base-T / 100 Base-TX, RJ45 connector
Image compression	H264
Audio compression	OggVorbis
Protocol	TCP/IP, UDP, RTP, Multicast, DDNS, DHCP, PPPoE, HTTP
Local storage	SD / SDHC (52WS/1)
Intelligent alarm	Motion detection, Video Loss, Network Disconnect, IP conflict, Storage exception
Ports	1 RJ 45 - 10/100 M, 1 RS-485
Operating temperature	-10°C ~ 55° - 10% ~ 90% RH
Supply voltage / Power consumption	12Vdc, power supply unit included 12 Vdc 3.3A - 3W
Dimensions	120 x 70 x 45 mm

NEW **TYPE 52WS/1**
TYPE 52WS/A1

Without local storage

Series: IP



Video encoder with 4 video channels and 4 audio channels, H264 compression, PTZ control, dual stream, 4 alarm inputs, 2 relay outputs.

Technical specifications:

Resolution	PAL- QCIF(176x144)/CIF(352x288)/2CIF(702x288)/DCIF(528x384)/4CIF(704x576) NTSC- QCIF(176x120)/CIF(352x240)/2CIF(702x240)/DCIF(528x320)/4CIF(704x480) 4 FPS for 4 inputs Format 4CF/DCIF/2CIF 25 FPS PAL / 30 FPS NTSC Format CIF
Frame rate	PAL 25 FPS / NTSC 30 FPS
Alarm inputs/outputs	4 inputs / 2 relay outputs
PTZ	RS485 (T+, T-)
Video input	4 BNC video inputs (1Vpp – 1 KΩ)
Audio input	4 BNC video inputs (1Vpp – 1 KΩ)
Audio output	1 output, Impedance 600Ω
Microphone input	1 - 2 Vpp 1 KΩ
Ethernet	10 Base-T / 100 Base-TX, RJ45 connector
Image compression	H264
Audio compression	OggVorbis, 16 Kbps
Protocol	TCP/IP, UDP, RTP, Multicast, DDNS, DHCP, PPPoE, HTTP
Ports	1 RJ 45 - 10/100 M, 1 RS485
Operating temperature	-10°C ~ 55° - 10% ~ 90% RH
Supply voltage / Power consumption	12Vdc, power supply unit included 12 Vdc 3.3A - 7W
Dimensions / Weight	198 x 123 x 39 mm - 1 kg

TYPE 52WS/4



5288/033

Articulated camera bracket, in zinc, for wall mounting.

Maximum load 2 kg, rotation angle 360°, tilt angle 120°, metallic silver finish.

Dimensions: 220x108 mm



5288/034

Articulated camera bracket, in zinc, for wall and ceiling mounting.

Maximum load 2 kg, rotation angle 360°, tilt angle 120°, metallic silver finish.

Dimensions: 225 x 108 mm



529S/8

Wall bracket in aluminium with cable duct.

Wall bracket in aluminium with cable duct for cameras type 571P.

Dimensions: 230x180x160.

Weight: 1.395 kg



529S/7M

Wall bracket in aluminium with cable duct.

Wall bracket in aluminium with cable duct for outdoor speed dome cameras type 51D3/E36, 51D3/EIP.

Dimensions: 310x97x194 mm.

Weight: 1.07 kg.



529S/7S

Ceiling bracket.

Ceiling bracket in aluminium with cable duct for outdoor speed dome cameras type 51D3/E36, 51D3/EIP.

Dimensions: Ø 117x293 mm.

Weight: 1.015 kg.



529C

Pole mount.

Pole mount for outdoor speed cameras type 51D3/E36, 51D3/EIP.

Dimensions: 194x117x100 mm.

Weight: 1.205 kg



TYPE 52DN

Day & Night colour camera. DSP. Supply voltage 85 to 265 VAC, 40- 400 Hz, 1/3" Sony Super HAD sensor, resolution 480 TV lines, C/CS mount lens and mechanically adjustable back focus. Without IR filter. Not sensitive to infrared light.

1/3" Sony Super HAD CCD sensor, effective pixels 752 (H) x 582 (V).
LL (line lock) external synchronisation, INT internal synchronisation, 480 TV lines horizontal resolution, S/N ratio more than 52 dB, Minimum illumination 0.01 lux (F1.2) AGC On, ATW large range: from 2400 K to 11000 K, C/CS lens mount, Adjustable back focus, Backlight compensation, Electronic shutter 1/50, 1/120, 1/250, Manual exposure 1/500, 1/1000, 1/2000, 1/4000, 1/10000, DIP controls Int (internal) /LL (Line lock), AGC min/AGC max, Gamma 1 / Gamma 2, Shutter ON/OFF, BLC ON/OFF, FLICKERLESS, Automatic exposure/Manual exposure, Operating temperature: from -10 °C to + 50 °C, Humidity: within 90% RH, Voltage 265 VAC 85 VAC / 40 Hz - 400 Hz, Power consumption (approx) 2.3 W, Dimensions 70 (W) x 58 (D) x 130 (H) mm, Weight (approx) 450 g, BNC video connector.

Lens purchased separately. VIDEO / DC Drive, Manual lens compatibility.

TYPE 52DN/IR

Day & Night colour camera. DSP. Supply voltage 85 to 265 VAC, 40- 400 Hz, 1/3" Sony EXVIEW sensor, 550 TV line resolution, C/CS mount lens, Mechanically adjustable back focus, with IR filter for infrared sensitivity from 400 to 850 Nm.

1/3" Sony EXVIEW CCD sensor, Effective pixels 752 (H) x 582 (V), Chip dimensions 6.0 mm (H) x 4.96 mm (V), LL (line lock) external synchronisation, INT internal synchronisation, 2:1 interlacing, 550 TV lines horizontal resolution, Aperture correction H (horizontal), V (vertical), Video output level 1.0 (p-p) (75 Ohm, composite), S/N ratio more than 52 dB (AGC off), Minimum illumination 0.01 lux (F1.2) AGC On, Infrared wavelength 400 nm to 850 nm, DSP external A/D converter 10 bits, 1024 grey, White balance ATW large range: from 2400 K to 11000 K, C/CS lens mount, Adjustable back focus, Backlight compensation, Active histogram for whole window control, V-phase control +/- 90° adjustable, Electronic shutter 1/50, 1/120, 1/250, Manual exposure 1/500, 1/1000, 1/2000, 1/4000, 1/10000, DIP controls Int (internal) /LL (line lock), AGC min/AGC max, Gamma 1 / Gamma 2, Shutter ON/OFF, BLC ON/OFF, FLICKERLESS, Automatic exposure/Manual exposure, (incandescent lighting) from 2 lux to 100,000 lux - (F1.2) from 2.7 to 130,000 lux - (F1.4), Operating temperature: from -10 °C to + 50 °C, Humidity: within 90% RH, Voltage 265 VAC 85 VAC / 40 Hz - 400 Hz, Power consumption (approx) 2.3 W, Dimensions 70 (W) x 58 (D) x 130 (H) mm, Weight (approx) 450 g, NOTE: When the camera switches to black/white the area can be illuminated using infrared spotlights with a wavelength from 400 to 850 Nm, BNC video connector.

Lens purchased separately. VIDEO / DC Drive, Manual lens compatibility.



TYPE 52DT

Day & Night colour camera. DSP. Supply voltage 85 to 265 VAC, 40- 400 Hz, 1/3" Sony EXVIEW sensor, 550 TV line resolution, C/CS mount lens and mechanically adjustable back focus. Filter for infrared sensitivity from 400 to 850 Nm and high speed shutter for checking vehicle licence plates, even on moving vehicles.

1/3" Sony EXVIEW CCD sensor, Effective pixels 752 (H) x 582 (V), Chip dimensions 6.0 mm (H) x 4.96 mm (V), LL (line lock) external synchronisation, INT internal synchronisation, 2:1 interlacing, 550 TV lines horizontal resolution, Aperture correction H (horizontal) V (vertical). Video output level 1.0 (p-p) (75 Ohm, composite), S/N ratio more than 52 dB (AGC off), Minimum illumination 0.01 lux (F1.2) AGC On, Infrared wavelength 400 nm to 850 nm, DSP external A/D converter 10 bits, 1024 grey, White balance ATW large range: from 2400 K to 11000 K, C/CS lens mount, Adjustable back focus, Backlight compensation, Active histogram for whole window control, V-phase control +/- 90° adjustable, Electronic shutter 1/50, 1/120, 1/250, Manual exposure 1/500, 1/1000, 1/2000, 1/4000, 1/10000, DIP controls Int (internal) /LL (line lock), AGC min/AGC max, Gamma 1 / Gamma 2, Shutter ON/OFF, BLC ON/OFF, FLICKERLESS, Automatic/manual exposure, Illumination (incandescence) from 2 lux to 100,000 lux - (F1.2) from 2.7 to 130,000 lux - (F1.4), Operating temperature: from -10 °C to + 50 °C, Humidity: within 90% RH, Voltage 265 VAC 85 VAC / 40 Hz - 400 Hz, Power consumption (approx) 2.3 W, Dimensions 70 (W) x 58 (D) x 130 (H) mm, Weight (approx) 450 g, Special video camera with high speed shutter for checking vehicle licence plates, checks the moving vehicle and even the glare of the licence plate, BNC video connector.

Lens purchased separately. VIDEO / DC Drive, Manual lens compatibility.



TYPE 52D0/3

Day & Night colour camera, STAR LIGHT, 1/3" SONY sensor with HITACHI DSP, resolution 540 lines improved to 620 TV lines. Mechanical IR filter. Blue crystal filter (LPF). DNR function. Slow Shutter Sens-up 32X, 0.0001 lux, audio output, C/CS mount lens. Mirror function, BNC video connector. Supply voltage: 12V VDC / 24 VAC ± 10%.

1/3" SONY Super HAD sensor with Hitachi DSP. Pixels, PAL: 795(H)x596(V). Horizontal resolution, 540 lines improved to 620 TV lines. Lens, C/CS mount. Synchronisation, Internal/Line-Lock. Gamma, 0.45. AGC Automatic Gain Control, Maximum 18 dB - Super 30 dB. Minimum illumination, 0.0001 Lux (Sensup 32x). S/N signal-to-noise ratio, 60 dB (AGC Off). Scanning frequency, Pal: 15.625 – 50 Hz. Scanning system, 2:1 interlaced. Electronic shutter. 1/50 s ~ 1/120,000. Lens control, DC, Drive and manual, SenseUp, Maximum 32 steps. DNR, Digital Noise Reduction. Mirror, ON/OFF Selectable. Mechanical filter. Blue crystal filter (LPF). White balance, ATW /AWB selectable. Mirror, ON/OFF selectable. Video output, 1 Vpp 75 W. Audio output, 2 Vpp. Operating temperature, -10oC ~ 50 oC ~ 85 RH. Input current, DC 150 mA – AC 100 mA / 2 W. Supply voltage, 12V VDC / 24 VAC ± 10%. Weight, 305 g. Dimensions (mm), 58 (W) x 50(H) x 120 (D) mm. BNC video connector.

Lens purchased separately. DC Drive, Manual lens compatibility.



TYPE 52D0/1



Day & Night colour camera, 1/3" SONY DSP sensor, resolution 580 TV lines, audio output, OSD control, Super Digital Noise Reduction (SDNR), with Privacy functions. Motion Detection. Mirror function. Adjustable backlight area, camera titling, C/CS mount lens, mechanically adjustable back focus, BNC video connector. Supply voltage: 12V VDC / 24 VAC \pm 10%.

1/3" SONY Super HAD sensor with DSP. Pixels, PAL: 795(H)x596(V). Horizontal resolution, 580 TV lines. Lens, C/CS mount Mechanically adjustable back focus. Synchronisation, Internal/Line-Lock. Gamma, 0.05 – 1.0 (OSD control). AGC Automatic Gain Control, automatic / fixed (OSD control). Minimum illumination Typical, 0.1 Lux / (F1.2, 56000°K). D/N mode, 0.01 Lux / (F1.2, 56000°K). S/N signal-to-noise ratio, > 48 dB (AGC Off). Scanning frequency, Pal: 15.625 – 50 Hz. Electronic shutter. AES: 1/50 s ~ 1/120.000 s / Manual 12 step. (OSD control). Super Digital Noise Reduction (SDNR), Lens control, DC, Manual, (OSD control). Motion Detect, On / Off (4 programmable zones). Privacy zone, On / Off (4 programmable zones). Camera ID, Camera text identification (OSD control). White balance, Manual / ATW / AWB (OSD control). Backlight, Super BLC, 64 zones (OSD control). Mirror, ON/OFF selectable. Adjustments, Contrast, Sharpness. CB, RB Adjustment (OSD control). Video output, 1 Vpp 75 W. Audio outputs, 2 Vpp RCA. Operating temperature, -10oC ~ 50 oC ~ 85 RH. Input current, 250 mA – 3.2 W. Supply voltage, 12V VDC / 24 VAC \pm 10%. Weight, 310 g. Dimensions (mm), 65 (W) x 63(H) x 125 (D) mm.

Lens purchased separately. DC Drive, Manual lens compatibility.

TYPE 52D0/2



Day & Night colour camera, 1/3" SONY sensor with Nextchip DSP, resolution 480 TV lines, OSD control, with Privacy function. Motion Detection. Mirror function. Adjustable backlight area, camera titling, 3.5 - 8 mm varifocal lens, BNC video connector. Supply voltage: 12 VDC \pm 10%.

1/3" SONY Super HAD sensor with Nextchip DSP. Pixels, PAL: 795(H)x597(V). Horizontal resolution, 480 TV lines. Lens, 3.5 - 8 mm varifocal, Synchronisation, Internal. Gamma, 0.05 – 1.0 (OSD control). AGC Automatic Gain Control, ON/OFF adjustable (OSD control). Minimum illumination, 0.5 Lux / F2.0. S/N signal-to-noise ratio, 50 dB (AGC Off). Scanning frequency, Pal: 15.625 – 50 Hz. Scanning system, 2:1 interlaced. Electronic shutter, AES: 1/50 s ~ 1/120,000 s / Manual 12 step (OSD control). Motion Detect, On / Off (4 programmable zones) (OSD control). Privacy zone, On / Off (4 programmable zones) (OSD control). White balance, Manual / ATW / AWB (OSD control). Backlight, Adjustable 64 areas (OSD control). Mirror, ON/OFF. Adjustments, Contrast, Sharpness, CB – CR. Camera ID, Camera text identification (OSD control). Video output, 1 Vpp 75 W. Operating temperature, -10oC ~ 50 oC ~ 90 Rh. Input current, 120 mA – 1.44 W. Supply voltage, 12V VDC \pm 10%. Weight, 400 g. Dimensions (mm), 60 (W) x 55 (H) x 120 (D) mm.



TYPE 5220

Day & Night colour camera. Auto focus and 22x zoom. Supply voltage 12 VDC 1 A. 1/4" Sony Super HAD sensor, resolution 540 TV lines, with mechanically switching IR filter. OSD, includes IR remote control. RS 485 for external control using keypad.

1/4" Sony Super HAD Interline CCD sensor. Video signal standard 1Vpp 75 Ohm Pixels 596(H) X 95(V). Scanning system PAL 2:1 interlaced (V: 50 Hz – H:15.625 kHz). Resolution 540 TV lines. Zoom - X1. Minimum illumination 0.5 Lux F1.6-30 IRE. 0.01 Lux Night function. AGC configurable FF/SAGC. 0~30 dB. Automatic electronic shutter 1/50 s ~ 1/10,000 s. White balance ATW 2500°k~9600°k. Day/Night Function. Mechanically switching IR filter. Signal-to-noise ratio more than 48 dB. BLC backlight function settable ON/OFF. Flickerless function settable ON/OFF. Automatic / Manual focus. Zoom speed maximum 4 seconds/cycle. OSD configurable. Preset functions 8 parameters that can be saved in memory. Protocol Pelco-P Pelco-D. External control RS 485 – 9600, 4800,2400. Baud rate. Lens 22x Zoom (f=3.9 mm~85.8 mm. F1.6~F3.7. Supply voltage 12 VDC +/- 1V. maximum input current (1 A– 12 W). Operating temperature -10 °C ~ +50 °C. Operating humidity 10% ~ 80% RH. External dimensions: 60 x 65 x 106 mm. BNC video connector. Includes IR remote control. Weight 350 g.



TYPE 5BL6

Day & Night colour camera. DSP. Supply voltage 12 VDC. Resolution 420 TV lines. 1/3" Sony sensor. 8 mm fixed lens. Aluminium housing and sunshade. IR anti-reflective glass. Protection rating IP66, 12 IR LEDs. Photo sensor for IR activation. Supplied with bracket.

Day & Night DSP colour camera. 12 infrared LEDs. High S/N ratio. (AES) automatic (Electronic Shutter). (AGC) automatic (gain control). (AWB) automatic (White balance). 1/3" Sony colour CCD sensor. Pixels 500 (H) X 582 (V). Resolution 420 TV lines. Minimum illumination 0 Lux with IR LEDs on. S/N ratio more than 48 dB. Automatic electronic shutter 1/50 s ~ 1/110,000 s. Automatic white balance (2500 k ~ 9500 k). Gamma correction 0.45. Lens 8 mm. Supply voltage 12 VDC \pm 10%. input current 250 mA. Operating temperature - 10 °C ~ + 50 °C. Protection rating IP 66. IR range 20 metres. External dimensions \varnothing 50 x (D) 105 mm. BNC video connector.

TYPE 5AL6/A



Day & Night colour camera. DSP. Supply voltage 12 VDC. Resolution 540 TV lines. 1/3" Sony sensor. 4.3 mm fixed lens. Aluminium housing and sunshade. IR anti-reflective glass. Protection rating IP66, 12 IR LEDs. Photo sensor for IR activation. Complete with bracket, cables routed internally.

Day & Night DSP colour camera. 12 infrared LEDs. High S/N ratio. (AES) Automatic (Electronic Shutter). (AGC) automatic (gain control). (AWB) automatic (White balance). 1/3" Sony Super HAD colour sensor. Pixels 500 (H) X 582 (V). Resolution 540 TV lines. Minimum illumination 0 Lux with IR LEDs on. S/N ratio more than 48 dB. Automatic electronic shutter 1/50 s ~ 1/110,000 s. Automatic white balance (2500 k ~ 9500 k). Gamma correction 0.45. Lens 4.3 mm. Supply voltage 12 VDC \pm 10%. input current 250 mA. Operating temperature - 10 °C ~ + 50 °C. Protection rating IP 66. IR range 20 metres. External dimensions \varnothing 50 x (D) 105 mm. BNC video connector.

TYPE 5BL6/A

Day & Night colour camera. DSP. Supply voltage 12 VDC. Resolution 540 TV lines. 1/3" Sony sensor. 8 mm fixed lens. Aluminium housing and sunshade. IR anti-reflective glass. Protection rating IP66, 12 IR LEDs. Photo sensor for IR activation. Complete with bracket, cables routed internally.

Day & Night DSP colour camera. 12 infrared LEDs. High S/N ratio. (AES) Automatic (Electronic Shutter). (AGC) automatic (gain control). (AWB) automatic (White balance). 1/3" Sony Super HAD colour sensor. Pixels 500 (H) X 582 (V). Resolution 540 TV lines. Minimum illumination 0 Lux with IR LEDs on. S/N ratio more than 48 dB. Automatic electronic shutter 1/50 s ~ 1/110,000 s. Automatic white balance (2500 k ~ 9500 k). Gamma correction 0.45. Lens 4.3 mm. Supply voltage 12 VDC \pm 10%. input current 250 mA. Operating temperature - 10 °C ~ + 50 °C. Protection rating IP 66. IR range 20 metres. External dimensions \varnothing 50 x (D) 105 mm. BNC video connector.

Available soon



TYPE 5GL6

Day & Night colour camera. DSP. Supply voltage 12 VDC. Resolution 480 TV lines. 1/3" Sony sensor. 25 mm fixed lens. Aluminium housing and sunshade. IR anti-reflective glass. Protection rating IP 66. 24 PIRANHA high luminosity IR LEDs. Photo sensor for IR activation. Supplied with bracket.

Day & Night colour camera. 1/3" Sony Super HAD sensor. Pixels 500 (H) X 582 (V). Resolution 480 lines. Minimum illumination 0.04 lux (F 1.6 AGC on. 10 IRE). 0.6 lux (F 1.6 AGC ON. - 50 IRE). and ON - 0 lux. IR range 50m approx. 24 high luminosity LEDs - 850 nm. S/N ratio. More than 48 dB (AGC OFF). Automatic electronic shutter 1/50 s ~ 1/110,000 s. AGC Automatic gain control. White balance. Automatic (2500 k ~ 9500 k). Gamma correction 0.45. Lens 25 mm. Automatic backlight. Beam angle 15°. Supply voltage 12 VDC ± 10%. Protection rating IP66. Input current 500 mA 4.8 W maximum. Operating temperature: -10 °C ~ +50 °C. Dimensions:(ø) 85 x (D) 170 mm. BNC video connector.



TYPE 5AL4

Day & Night colour camera, 1/3" Sony sensor with DSP, resolution 520 TV lines, 3.6 mm fixed lens, aluminium housing and sunshade, IR anti-reflective glass, 23 IR LEDs, photo sensor for IR activation. Protection rating IP66. Bracket with internal cable ducting. BNC video connector. Supply voltage: 12 VDC ± 10%

1/3" Sony Super HAD sensor, DSP. 23 infrared LEDs. High S/N ratio, more than 52 dB. (AES), (AGC), (AWB) Automatic. Pixels 795 (H) X 586 (V). Horizontal resolution, 520 TV lines. Minimum illumination 0 Lux with IR LEDs on. S/N ratio more than 52 dB. Automatic electronic shutter 1/50 s ~ 1/110,000 s. Automatic white balance. Gamma correction, 0.45. Lens 3.6 mm. Supply voltage, 12 VDC ± 10%. Input current, 400 mA. Operating temperature, - 10 °C~ + 50 °C. Protection rating, IP 66, IR range 20 metres approx. External dimensions, Ø 63 x 96. BNC video connector.



TYPE 5AL9

Day & Night colour camera, 1/3" Sony sensor with Nextchip DSP, resolution 540 TV lines, 3.6 mm fixed lens, aluminium housing and sunshade, IR anti-reflective glass, 23 IR LEDs, photo sensor for IR activation. Protection rating IP66. Bracket with internal cable ducting. BNC video connector. Supply voltage: 12 VDC ± 10%,

1/3" Sony Super HAD sensor with Nextchip DSP. 23 infrared LEDs. High S/N ratio, more than 52 dB. (AES), (AGC), (AWB). Pixels 795 (H) X 596 (V). Horizontal resolution, 540 TV lines. Minimum illumination 0 Lux with IR LEDs on. S/N ratio more than 52 dB. Automatic electronic shutter 1/50 s ~ 1/110,000 s. Automatic white balance. Gamma correction, 0.45. Lens 3.6 mm. Supply voltage, 12 VDC ± 10%. Input current, 400 mA. Operating temperature, -10 °C~ +50 °C. Protection rating, IP 66, IR range 15/20 metres approx. External dimensions, Ø 65 x 110. BNC video connector.



TYPE 5AL8

Day & Night colour camera. DSP. Supply voltage 12 VDC. Resolution 420 TV lines. 1/3" CCD sensor. 4 mm fixed lens. Aluminium housing. Waterproof. 23 IR LEDs. Photo sensor for IR activation. Compact model. Supplied with bracket.

Day & Night colour camera. 1/3" CCD sensor. Pixels 512(H) x 582 (V). Electronic shutter 1/50 ~ 1/100,000 sec. (automatic). Resolution 420 TV lines. White balance Automatic white balance (2500° K ~ 9500° K). Internal synchronisation system. Sensitivity 0.2 lux; 0 lux at IR on / F2.0. Automatic BLC. S/N ratio more than 48 dB. Automatic AGC. Gamma correction 0.45. IR range 10 metres based on reflected IR light. 23 IR LEDs. Lens 4 mm standard. Supply voltage 12 VDC 250 mA ± 10%. Operating temperature -10 to 50 °C. Made of aluminium with weatherproof protection. Dimensions 54 (ø) x 83 (D) mm. Weight 350 g. BNC video connector.



TYPE 5VLO

Day & Night camera with 4 - 9 mm VARIFOCAL lens. 1/3" SONY DSP sensor, resolution 480 TV lines, aluminium housing and sunshade, IR anti-reflective glass, protection rating IP66, 36 LEDs Ø 5 mm. Photo sensor for IR activation. Complete with bracket, cables routed internally. BNC video connector.

1/3" SONY Super HAD sensor with DSP. Pixels 500 (H) X 582 (V). Horizontal resolution, 480 TV lines. Minimum illumination with LED ON, 0 Lux. IR range 30 m approx. 36 IR LEDs 5 mm Ø - 850 nm. S/N ratio more than 50 dB. Electronic shutter 1/50 s ~ 1/110,000 s. AGC Automatic gain control. Automatic white balance. Gamma 0.45, 4 - 9 mm varifocal lens. Supply voltage 12 VDC ± 10%. Protection rating IP66. Input current 500 mA, Operating temperature -10 °C ~ +50 °C. External dimensions 150 x 100 x 75 Ø mm. BNC video connector.



TYPE 5VL1

Day & Night colour video camera, DSP, Supply voltage 12 VDC. Resolution 480 TV lines. 1/3" Sony Super HAD sensor. 4 - 9 mm varifocal lens. Aluminium housing and sunshade. IR anti-reflective glass. Protection rating IP 66. 36 high luminosity IR LEDs ø 8 mm. Photo sensor for IR activation. Bracket with internal cable channel.

Day & Night colour camera. DSP, 1/3" Sony Super HAD sensor. Pixels 500 (H) X 582 (V). Resolution 480 lines. Minimum illumination level. LED ON - 0 lux IR range 50m approx. 36 high luminosity LEDs ø 8 mm - 850 nm. S/N ratio. More than 48 dB. Automatic electronic shutter 1/50 s ~ 1/110,000 s. AGC Automatic gain control. Automatic white balance. Gamma correction 0.45. 4 - 9 mm varifocal lens. Supply voltage 12 VDC ± 10%. Protection rating IP66. Input current 600 mA. Operating temperature -10 °C ~ +45 °C. Dimensions:(ø) 95 x (D) 150 mm. BNC video connector.

TYPE 5VL2

Day & Night colour video camera, DSP, Supply voltage 12 VDC. Resolution 480 TV lines, 1/3" Sony Super HAD sensor, 9 - 22 mm varifocal lens, aluminium housing and sunshade, IR anti-reflective glass, protection rating IP66, 36 high luminosity IR LEDs Ø 8 mm. Photo sensor for IR activation, bracket with internal cable channel.

Day & Night colour camera, DSP, 1/3" Sony Super HAD sensor, Pixels 500 (H) x 582 (V), Resolution 480 lines, Minimum illumination level, LED ON - 0 lux, IR range 50 m approx., 36 high luminosity LEDs ø 8 mm - 850 nm, S/N ratio more than 48 dB, Automatic electronic shutter 1/50 s ~ 1/110,000 s, AGC automatic gain control, Automatic white balance, Gamma correction 0.45, 9 - 22 mm varifocal lens, Supply voltage 12 VDC ± 10%, Protection rating IP 66, Input current 600 mA. Operating temperature 10 °C ~ +45 °C. Dimensions:(ø) 95 x (D) 150 mm, BNC video connector.



TYPE 5VL3

Day & Night camera with 4 - 9 mm VARIFOCAL lens. 1/3" SONY sensor with Nextchip DSP, resolution 600 TV lines, aluminium housing and sunshade, IR anti-reflective glass, protection rating IP66, 36 LEDs Ø 5 mm. Photo sensor for IR activation. OSD control with Privacy functions, Motion Detection, Mirror function, backlight, adjustable area. Complete with bracket, cables routed internally. BNC video connector.

1/3" SONY Super HAD sensor with Nextchip DSP. Pixels 500 (H) X 582 (V). Horizontal resolution, 600 TV lines. Minimum illumination, LED ON - 0 lux. IR range 30 m approx. 36 LEDs Ø 5 mm - 850 nm. S/N ratio more than 52 dB. Electronic shutter, 1/50 s ~ 1/110,000 s (OSD adjustable). Adjustable AGC automatic gain control. White balance, Adjustable ATW-AWB manual fixed (OSD control). Gamma correction, 0.05 - 1.0 (OSD control). Adjustable Day & Night function. Backlight Super BLC, 64 zones (OSD control). OSD display: Camera ID. Mirror function. Motion Detection. Privacy: 4 zones. Adjustments: contrast, brightness, sharpness. 4 - 9 mm varifocal auto-iris lens. Supply voltage 12 VDC ± 10%, Protection rating, IP66. Input current, 500 mA. Operating temperature, - 20 °C~ + 50 °C. External dimensions 146 x 84 x 80 Ø mm. BNC video connector.

Varifocal Day & Night Cameras



TYPE 52L4

Day & Night mini dome DSP colour camera, DSP, 1/3" Sony Super HAD sensor, resolution 540 TV lines, 3.5 - 8 mm varifocal lens with superior characteristics, vandalproof die-cast aluminium housing, IR anti-reflective glass, 28 IR LEDs, photo sensor for IR activation. Protection rating IP66. BNC video connector. Supply voltage 12 VDC ± 10%.

Day & Night DSP colour camera, 28 infrared LEDs. High S/N ratio. (AES), (AGC), (AWB) automatic. 1/3" Sony Super HAD CCD colour sensor. Video signal standard PAL 1Vpp 75 Ohm. Pixels 795 (H) X 596 (V). Resolution 540 TV lines. Minimum illumination 0 lux with IR LEDs on. S/N ratio more than 48 dB. Automatic electronic shutter 1/50 s ~ 1/110,000 s. Automatic white balance (2500 k ~ 9500 k). Gamma correction 0.45. 3.5 - 8 mm varifocal lens. Supply voltage 12 VDC ± 10%. Input current 490 mA. Operating temperature -10 °C ~ + 50 °C. Protection rating IP 66. IR range ~30 metres. Dimensions:(ø) 119 x (D) 82.5 mm. BNC video connector.



TYPE 52L3

Day & Night colour camera. DSP. Mini dome. Supply voltage 12 VDC. Resolution 480 TV lines. 1/3" Sony sensor. 3.6 mm fixed lens. aluminium housing. IR anti-reflective glass. Protection rating IP66. 24 IR LEDs. Photo sensor for IR activation.

Day & Night DSP colour camera. 24 infrared LEDs. High S/N ratio. (AES), (AGC), (AWB) automatic. 1/3" Sony colour CCD sensor. Video signal standard PAL 1Vpp 75 Ohm 320 k pixels. Pixels 500 (H) X 582 (V). Resolution 480 TV lines. Minimum illumination level 0.1 lux F1.2. 0 lux with IR LEDs on. S/N ratio more than 48 dB. Automatic electronic shutter 1/50 s ~ 1/110,000 s. Automatic white balance (2500 k ~ 9500 k). Gamma correction 0.45. Lens 3.6 mm. Supply voltage 12 VDC ± 10%. Input current 280 mA. Operating temperature -10 °C ~ + 50 °C. Protection rating IP 66. IR range 10~15 metres. Dimensions:(ø) 94 x (D) 66 mm. BNC video connector.



TYPE 52L2

Day & Night colour camera. Indoor mini dome. Supply voltage 12 VDC. Resolution 480 TV lines. 1/3" CCD sensor. 4 mm fixed lens. ABS housing. 20 IR LEDs. Photo sensor for IR activation.

Day & Night camera. 1/3" CCD sensor. Pixels 512 (H) X 582 (V). Electronic shutter N: 1/60 – 1/100,000 sec. (automatic) P: 1/50 – 1/100,000 sec. (automatic). Resolution 480 TV lines. Automatic white balance (2500° K ~ 9500° K). Sensitivity 0.2 lux. 0 lux with IR on / F2.0. Automatic BLC. S/N ratio more than 48 dB. IR range 15 metres based on reflected IR light. 20 infrared LEDs. Lens 4 mm standard. input current (IR on): 200 mA. IR off: 120 mA. 12 VDC 5 mA. Supply voltage 12 VDC 300 mA ± 10%. Operating temperature from -10 to 50 °C. Video output Composite. 1.0Vpp at 75 Ohm. BNC video connector. Dimensions:(ø) 115 x (D) 75 mm. Weight 0.150 kg.

TYPE 50A2



Day & Night colour camera. Compact dimensions. Supply voltage 12 VDC. Resolution 480 TV lines. 1/4" CCD sensor. 3.6 mm fixed lens, ABS housing, 6 IR LEDs, for close-up illumination. Supplied with indoor bracket.

Day & Night colour camera, 6 infrared LEDs. Good S/N ratio. (AGC), (AWB) automatic. 1/4" colour CCD sensor. Pixels 500 (H) X 582 (V). Resolution 480 TV lines. Minimum illumination level 0.1 lux F1.2. 0 lux with IR LEDs on. S/N ratio more than 48 dB AGC OFF. Automatic electronic shutter 1/50 s ~ 1/110,000 s. Gamma correction 0.45. Lens 3.6 mm. Supply voltage 12 VDC ± 10%. Input current 150 mA. Operating temperature - 10 °C ~ + 50 °C. RH 95%. BNC video connector.

Dimensions (W) 58 x (H) 50 x (D) 90 mm.

Day & Night colour cameras

TYPE 50A3



Mini indoor colour camera with aluminium mini bracket, 1/4" CCD sensor, 3.7 mm pinhole lens. Resolution 480 TV lines.

1/4" CCD sensor. Pixels 512 (H) X 582 (V), Resolution 480 TV lines, Minimum illumination level 0.05 lux. S/N ratio more than 50 dB (AGC Off). Automatic electronic shutter, 1/50 s ~ 1/110,000 s, Automatic white balance 2400 k ~ 11000 k. Gamma correction, 0.45. Backlight (BLC). 3.7 mm fixed lens, F 2.0. Supply voltage, 12 VDC ± 10%. Input current 175 mA, 2.1 W. Operating temperature -10 °C ~ + 50 °C. Humidity 90%. Storage temperature -20 °C~+70 °C. Humidity 70%. Dimensions:(ø) 22 x (D) 29.4 mm. Weight 17.5 g. BNC video connector. Material: aluminium, supplied with mini bracket.

TYPE 50A4



Mini indoor colour camera in aluminium for flush mounting, 1/4" CCD sensor, 3.7 mm pinhole lens. Resolution 480 TV lines.

1/4" CCD sensor. Pixels 512 (H) X 582 (V), Resolution 480 TV lines, Minimum illumination level 0.05 lux. S/N ratio more than 50 dB (AGC Off). Automatic electronic shutter, 1/50 s ~ 1/110,000 s, Automatic white balance 2400 k ~ 11000 k. Gamma correction, 0.45. Backlight (BLC). 3.7 mm fixed lens, F 2.0. Supply voltage, 12 VDC ± 10%. Input current 175 mA, 2.1 W. Operating temperature -10 °C ~ + 50 °C. Humidity 90%. Storage temperature -20 °C~+70 °C. Humidity 70%. Dimensions:(ø) 22 x (D) 29.4 mm. Weight 17.5 g. BNC video connector. Material: aluminium, for flush mounting.



TYPE 5WA5/1

Colour bullet camera. Sony 1/3" sensor with 3.6 mm lens, waterproof. Resolution 420 TV lines. Supplied with bracket.

1/3" Sony CCD sensor. Pixels: 500 (H) x 582 (V). Resolution: 420 TV lines Lens: 3.6 mm fixed focus. Minimum subject illumination (lux): 0.3 lux (F 2.0 AGC ON). Electronic shutter (iris): 1/50~1/100,000 sec (fixed). Gamma correction: 0.45. Supply voltage: 12 VDC \pm 10%. Input current: 100 mA. Operating temperature: -10 °C ~ +55 °C. Dimensions (ϕ) 24 x (D) 76 mm. Indoor/outdoor compact waterproof camera. Supplied with 30 cm cable.



TYPE 52A1

DSP colour vandalproof mini dome camera. Supply voltage 12 VDC. Resolution 540 TV lines. 1/3" Sony Super HAD sensor. 3.5 - 8.5 mm auto-iris varifocal lens. Water resistant indoor/outdoor die-cast aluminium housing.

Colour DSP camera, 2x varifocal lens 3.5 - 8.5 mm, 1/3" Sony Super HAD sensor. Pixels 752 (H) X 582 (V), Resolution 540 lines. Minimum illumination level 0.2 lux F1.2, S/N ratio more than 48 dB, Automatic electronic shutter 1/50 s ~ 1/110,000 s, Gain Control, Super AGC / normal AGC selectable, White balance, automatic (2500 k ~ 9500 k), Gamma correction 0.45. Lens 3.5 mm / 8.5 mm, Synchronisation Internal Line Lock On/Off selectable Internal Controls Electronic shutter On/Off, BLC On/Off,- AGC: Super, normal, Flickerless On/Off, Soft/Sharp adjust, Supply voltage 12 VDC \pm 10%, Input current 180 mA, Operating temperature, -10 °C~ +50 °C, protection rating water resistant. Dimensions:(ϕ) 127 x (D) 100 mm. BNC video connector.



TYPE 52A2

Mini dome DSP colour camera. Supply voltage 12 VDC Resolution 480 TV lines. 1/3" Sony Super HAD sensor. 3.6 mm fixed lens. Indoor ABS housing.

DSP colour camera. 1/3" Sony Super HAD CCD sensor. Pixels 500 (H) X 582 (V). Resolution 480 TV lines. Minimum illumination level 0.1 lux F1.2. S/N ratio more than 48 dB (AGC OFF). Automatic electronic shutter. 1/50 s ~ 1/110,000 s. Automatic white balance 2500 k ~ 9500 k. Gamma correction. 0.45. Automatic backlight BLC. 3.6 mm fixed lens. Supply voltage. 12 VDC \pm 10%, input current 100 mA. Operating temperature. -10 °C~ + 50 °C. Dimensions:(ϕ) 73 x (D) 50 mm. BNC video connector.



TYPE 52B2

DSP colour mini dome camera. Supply voltage 12 VDC. Resolution 480 TV lines. 1/3" Sony Super HAD sensor. 8 mm fixed lens. Indoor ABS housing.

DSP colour camera, 1/3" Sony Super HAD CCD sensor, Pixels 500 (H) X 582 (V), Resolution 480 TV lines, Minimum illumination level 0.1 lux F1.2, S/N ratio more than 48 dB (ACG Off), Automatic electronic shutter, 1/50 s ~ 1/110,000 s, Automatic white balance 2500 k ~ 9500 k, Gamma correction, 0.45, Automatic backlight (BLC), 8 mm fixed lens, Supply voltage, 12 VDC \pm 10%, Input current 100 mA, Operating temperature, -10 °C~ + 50 °C. Dimensions:(ϕ) 73 x (D) 50 mm. BNC video connector.



TYPE 52A3/I



DSP colour mini dome camera. Supply voltage 12 VDC Resolution 540 TV lines. 1/3" Sony Super HAD sensor. 3.5 - 8.5 mm auto-iris varifocal lens. Indoor ABS housing, for ceiling, suspended ceiling and wall mounting.

DSP colour camera. 2x varifocal lens 3.5 - 8.5 mm. 1/3" Sony Super HAD sensor. Pixels 752 (H) X 582 (V). Resolution 540 lines. Minimum illumination level 0.2 lux F1.2. S/N ratio more than 48 dB. Automatic electronic shutter 1/50 s ~ 1/110,000 s. Gain Control super AGC / normal AGC selectable. Automatic white balance (2500 k ~ 9500 k). Gamma correction. 0.45. Lens 3.5 mm / 8.5 mm standard. Synchronisation. Internal Line Lock ON/OFF selectable. Internal Controls Electronic shutter ON/ OFF. BLC ON/OFF. Flickerless ON/OFF. Soft/Sharp adjust. Supply voltage 12 VDC \pm 10%. input current 180 mA. Operating temperature. - 10 °C~ + 50 °C. Dimensions:(\emptyset) 127 x (H) 100 mm. BNC video connector.

TYPE 5AP6



Colour camera. DSP. Supply voltage 12 VDC. Resolution 420 TV lines. 1/3" CCD sensor. 3.7 mm fixed lens. Indoor PIR housing made of ABS.

Colour DPS camera, 1/3" CCD colour sensor 3.7 mm. High S/N ratio. (AES), (AGC), (AWB) automatic. Video signal standard PAL 1Vpp 75 Ohm. Pixels 500 (H) x 582 (V), 320 k pixels PAL. Resolution 420 lines. Minimum illumination level 0.1 lux F1.2. S/N ratio more than 48 dB. Automatic electronic shutter 1/50 s ~ 1/110,000 s. Automatic gain control. Automatic white balance (2500 k ~ 9500 k). Gamma correction 0.45. Lens 3.7 mm / F2.0. Supply voltage 12 VDC \pm 10%. input current 100 mA. Operating temperature - 10 °C ~ +50 °C. Dimensions:(\emptyset) 130 x (D) 58 mm. BNC video connector.

TYPE 5AP7



DSP colour video camera. Supply voltage 12 VDC. Resolution 420 TV lines. 1/3" CCD sensor. 3.7 mm fixed lens. Indoor smoke-detector housing made of ABS.

Colour camera (DSP), 1/3" CCD colour sensor 3.7 mm. High S/N ratio. (AES), (AGC), (AWB) automatic. Pixels 500 (H) x 582 (V), 320 k pixels PAL. Resolution 420 lines. Minimum illumination level 0.1 lux F1.2. S/N ratio more than 48 dB. Automatic electronic shutter 1/50 s ~ 1/110,000 s. Automatic white balance (2500 k ~ 9500 k). Gamma correction 0.45. Lens 3.7 mm / F2.0. Supply voltage 12 VDC \pm 10%. input current 100 mA. Operating temperature - 10 °C~ + 50 °C. Dimensions:(\emptyset) 130 x (D) 58 mm. BNC video connector.



TYPE 52DM



B/W CCIR camera, DSP. Supply voltage 85 to 265 VAC, 40-400 Hz. 1/3" Sony Super HAD sensor. Resolution 600 TV lines. C/CS mount lens and mechanically adjustable back focus.

1/3" Sony CCD sensor CCIR, Super HAD, Effective pixels 752 (H) x 582 (V), Horizontal resolution 600 TV lines, S/N ratio more than 52 dB (AGC off), Minimum illumination 0.01 lux (F1.2), ATW large range: from 2400 K to 11000 K, C/CS lens mount, adjustable back focus, Backlight compensation, DIP controls Int (internal) /LL (Line Lock) AGC min /AGC max, Gamma 1 / Gamma 2, Shutter ON/OFF, BLC ON/OFF, automatic electronic iris: 1/50 (1/60) - 1/100,000 sec, Operating temperature: from -10 °C to + 50 °C, Humidity: within 90% RH, Voltage 265 VAC 85 VAC / 40 Hz - 400 Hz, Power consumption (approx) 2.3 W, Dimensions 70 (W) x 58 (D) x 130 (H) mm. Weight 450 g BNC video connector. **Lens purchased separately**, VIDEO / DC Drive, Manual lens compatibility.

TYPE 50A0



Waterproof B/W bullet camera with 3.6 mm lens. Resolution 380 TV lines. Supplied with bracket.

Sensor: 1/3" CCD. Pixels: 500(H) x 582(V). Resolution: 380 TV lines Lens 3.6 mm fixed focus. Attachment for lens: Fixed lens. Signal-to-noise ratio: 45 dB (AGC OFF). Minimum subject illumination (lux): 0.1 (F2.0 AGC ON). Electronic shutter (iris): 1/50~1/100,000 sec (fixed). Gamma correction: 0.45. Supply voltage: 9 ~ 14 VDC input current: 100 mA. Operating temperature: -10 °C ~ +55 °C. Dimensions:(ø) 20 x (D) 53.5 mm. Waterproof indoor/outdoor bullet camera. Supplied with 48 cm cable.

TYPE 522T/3



Waterproof B/W camera. Resolution 420 TV lines. Sony 1/3" sensor. 3.6 mm fixed lens. Supply voltage: 12 VDC Colour: beige. Waterproof camera.

1/3" Sony CCD image sensor. Number of pixels EIA: 510 (H) x 492 (V) - CCIR: 500 (H) x 582 (V). Automatic electronic shutter ON. Resolution 420 TV lines. S/N ratio more than 46 dB. Gamma correction 0.45. Minimum illumination 0.02lux F/1.4. Horizontal sync frequency EIA: 15,734 kHz - CCIR: 15,625 kHz. Vertical sync frequency 60 Hz (50 Hz). Power supply 12 VDC. Input current 120 mA. Temperature - 10 °C ~ 60 °C. Lens 3.6 mm / F2.0. Shutter control EIA: 1/60 - 1/100,000 sec. CCIR: 1/50-1/100,000 sec. Dimensions 50 (W) X 80 (H). Gross weight 1000 g.



TYPE 52IP



Colour camera for TCP/IP connection over LAN network: Supply voltage 12 VDC. 1/3" Sony Super HAD sensor. Resolution 420 TV lines. C/CS mount lens, MPEG4 compression format. 25 frames per second (FPS). Motion Detector. Alarm transmission via e-mail. Internet browser. Built-in microphone, Backlight ON/OFF selectable, BNC video output and RCA audio output, NC/NA alarm input/output. RJ45 for Ethernet 10/100 Base. Password protection. **Includes power supply unit.**

Colour camera, 1/3" Sony Super HAD image sensor. Pixels NTSC: 512*492; PAL: 500*582 (H*V). Resolution 420 TVL 1:2 interlaced. Minimum illumination (0.5 lux, F1.2). Automatic electronic shutter AES: 1/60 s ~ 1/100,000 s. C or CS adjustable lens mount. Backlight compensation with ON/OFF switch. Automatic iris control Video/DC. Video output 1Vpp composite / 75 Ohm MPEG4 compression format. Resolution 720x480. 360x240. (NTSC) 720x576. 360x288 (PAL). Refresh frequency NTSC: Max 30FPS. PAL: max 25FPS. Quality Best / Super / High / Middle / Basic. Alarm: activation mode. Motion detector. Sensor input. Action Relay output, e-mail transmission. Input/Output 1/1 (NC&NO). Ethernet network 10/100 Base-T. RJ-45. Supported protocol TCP/IP, HTTP, PPPoE, DDNS, DHCP, SMTP. Telnet. Audio input/output built-in microphone / RCA 2 Vpp / 50 Ohm. Built-in motion detector. Security password protection. Supply voltage 12V / 1 A - AC 100-240V A.C. External power supply unit as standard. Power consumption approx 7 W. Weight approx 900 g. Dimensions: (W) 65 x (H) 53x (D) 110 mm. Operating temperature - 10 °C ~ 50 °C. Storage temperature - 20 °C ~ 60 °C. Humidity 30% ~ 80% RH.

Lens purchased separately. VIDEO / DC Drive, Manual lens compatibility.

TYPE 52IW



Indoor IP camera with 1/4" CMOS sensor, 640x480 pixels, 0.5 lux, 4.5 mm fixed lens (F2.8), Ethernet cable or wireless connection, with IR LEDs, MPEG4 - MJPEG video compression. Protocols: TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, PPPoE, UPnP. Resolution VGA, QVGA, QQVGA, Motion Detection function, 3GPP protocol for viewing on smartphones. Supply voltage 5 VDC 8 W. **Includes power supply unit.**

Colour camera, 1/4" CMOS image sensor 640x480 pixels, 3x digital zoom. 4.5 mm fixed lens F 2.8. Minimum illumination (0.5 lux, F1.2). MPEG4 - MJPEG compression format. VGA resolution: 640x480. QVGA: 320x240 QQVGA 160x120. ARM9 network processor, ROM memory 8MB NOR Flash, RAM memory 32MB SDRAM. Ethernet: one RJ 45 port IEEE 802.3U - 10/100 Mbps Fast Ethernet with Auto-MDIX. Supported protocol TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, PPPoE, UPnP. Wireless IEEE 802.11b / 802.11g Wireless LAN. IP setting Static, DHCP, PPPoE, email SMTP with two account configurations, two motion detection parameters, event notification via email, FTP or Trigger output GPIO, system managed via Web-based software application, Wireless Security WEP 64/128 bit; WPA (TKIP), WPA2. Supported browser Internet Explorer 5.0 or higher, Firefox and Safari. Operating system Windows 2000, Windows XP and Windows Vista. Automatic IP code search of cameras connected to LAN Remote image view via 3GPP mobile phone. Power supply 12 VDC, external power supply unit included as standard. Power consumption approx 8 W. Dimensions: (W) 65 x (H) 53x (D) 110 mm. Operating temperature - 0 °C ~ 45 °C. Storage temperature - 15 °C ~ 60 °C. Humidity 80% ~ 90% RH.

** Type 52IP, type 52IW, cannot be used in conjunction with products 300E, 400E, 500E, 600E, 700E, GATE



Type 52D1/5



Type 52D1/E5

Series: Smart Dome

Day & Night colour camera. DSP mini speed dome. Sens Up function. DNR and Privacy function. Auto/manual mechanical switching IR-cut filter. Remote control for programming. Supply voltage 13 VDC / 2 A. Mirror function.

Supply voltage 13 VDC 2 A, remote control included as standard.

Technical specifications:

Sensor	1/4" Sony Exview (Super HAD)
Resolution	540 lines TV
Lens	Canon 23x optical zoom / F 3.6~82.8 mm / F 1.6~3.8 + 10x digital zoom
Electronic shutter	PAL: 1/50 - 1/1000,000 sec. CCIR: 1/60 X ~ 1/100,000 sec
BLC	Super BLC / BLC 48 zones
OSD function	Menu in On Screen Display
Rotation mode	Automatic pan / Preset and Patrol positions
Rotation angle	Horizontal (PAN) 0°~375° / Vertical (TILT) 0°~90°
Rotation speed	Horizontal (PAN) 100°/sec - Vertical (TILT) 100°/sec
Programmable speed	Automatic: approx. 2.5~60°/sec (variable) Manual: approx. 2.5~160°/sec (variable) Preset: Maximum: 320°/sec
Alarm inputs	4 inputs
Alarm outputs	1 output
Preset	128
Controls	Remote control via RS 485 and IR remote controller
No. of cameras	256 cameras
Supply voltage	13 VDC / 2 A
Operating temperature	0 °C ~ 50° Less than 30% ~ 90% RH (52D1/5) -30 °C ~ 60° Less than 30% ~ 90% RH (52D1/E5)
Installation	Indoor type 52D1/5 / Outdoor type 52D1/E5
Material	Type 52D1/5: Dome - smoked, acrylic material, Base - black finish Type 52D1/E5: Waterproof aluminium housing IP66 with thermostatically-controlled heater and fan. Supply voltage 13 VDC (same as camera), wall and ceiling bracket.
Dimensions	52D1/5: Ø143x120 - 52D1/E5: housing 175x219 dome 75x126 Aluminium

TYPE 52D1/5

Indoor speed dome camera

TYPE 52D1/E5

Outdoor speed dome camera with ventilated waterproof housing and thermostatically-controlled heater powered at the same voltage as the camera. IP66.

Wall and ceiling bracket supplied.



Series: Smart Dome

Day & Night DSP MINI SPEED DOME colour camera, vandalproof, for indoor/outdoor installation, IP66, Sens-Up function, DNR, PRIVACY function, Mirror function. Auto/manual mechanical switching IR-cut filter. Remote control for programming, Patrol function, various protocols.

Supply voltage 13 VDC 2 A, remote control included as standard.

Technical specifications:

Sensor	1/4" Sony Exview Super HAD
Resolution	540 lines TV
Lens	Canon 23x optical zoom / F 3.6~82.8 mm / F 1.6~3.8 + 10x digital zoom
Electronic shutter	PAL 1/50 - 1/1000,000 sec. CCIR: 1/60 X ~ 1/100,000 sec
BLC	Super BLC / BLC 48 zones
OSD function	Menu in On Screen Display
Rotation mode	Automatic pan / Preset and Patrol positions
Rotation angle	Horizontal (PAN) 0°~375° / Vertical (TILT) 0°~90°
Rotation speed	Horizontal (PAN) 100°/sec - Vertical (TILT) 100°/sec
Programmable speed	Automatic: approx. 2.5~60°/sec (variable) Manual: approx. 2.5~160°/sec (variable) Preset: Maximum: 320°sec
Alarm inputs	4 inputs
Alarm outputs	1 output
Preset	128
Controls	Remote control via RS 485 and IR remote controller
No. of cameras	256 cameras
Supply voltage	13 VDC / 2 A
Operating temperature	0 °C ~ 50° Less than 30% ~ 90% RH
Installation	Indoor and Outdoor with bracket type 52S1/6
Material	Dome - smoked finish, acrylic material, Base - black finish Aluminium waterproof housing IP66
Dimensions	Ø143x120 mm, 0.86 kg
Auto Tracking function	Type 52D1/6T only

TYPE 52D1/6

Indoor/outdoor vandalproof MINI SPEED DOME camera

TYPE 52D1/6T

Indoor/outdoor vandalproof MINI SPEED DOME camera with Auto Tracking function



Type 52D0/8



Type 52D0/E8

Series: Small Dome

Day & Night SPEED DOME colour camera, OSD control, PRIVACY function, mechanical IR cut filter, SSSNR, Sens up, supply voltage 12 VDC / 0.8 A.

Wall and ceiling bracket supplied.

Technical specifications:

Sensor	1/4" Sony Interline
Resolution	540 lines TV
Lens	10x optical zoom + 10x digital zoom
Electronic shutter	1/60 X ~ 1/120000 sec
BLC	OFF / Low / Medium / High
OSD function	Menu in On Screen Display
Rotation mode	360 °Continuous Pan 180° Tilt (automatic flip)
Rotation speed	Manual: 0.05 ~ 360° sec. Preset: 360° sec. Swing 1 ~ 180° sec
Alarm inputs	4 inputs
Alarm outputs	1 output
Presets	127
Patterns	4
Swings	8
Groups	8 Groups (20 action entities per group)
Protocols	Pelco D / Pelco P
Controls	RS 485
No. of cameras	255 cameras
Supply voltage	12 VDC / 0.8 A / 8 W
Operating temperature	- 10 °C + 50 °C
Installation	Indoor type 52D0/8 / Outdoor type 52D0/E8
Material	die-cast aluminium, white finish IP66 for type 52D0/E8 only
Dimensions	Type 52D0/8: Ø 125 x 190 - Type 52D0/E8: Ø 127.5 x 204 Weight 1 kg approx

TYPE 52D0/8

Indoor SPEED DOME camera.

TYPE 52D0/E8

Outdoor SPEED DOME camera IP66.



TYPE 52D8/5

Speed dome camera control keypad, compatible with all speed dome cameras, can also control 500 series Performer DVRs in addition to zoom camera type 52ZO.

Keypad for RS-485 control system, can be extended to a medium or large system for integrated controls. Extra-large LCD for easy information reading. Integral universal joystick, for easy manoeuvring. Broad range of functions and straightforward installation. 2-axis joystick: right, left, up, down movement. Protocol: (Pelco-D-P) Baud rate selectable. Voltage: 12 VDC 500 mA. Power consumption: 6 W. Dimensions: (W) 320 x (H) 55 x (D) 190 mm. LCD display: 20x4 LCD. Weight: 1.3 kg. Notes: Can also control cameras type 52ZO and 500 series DVRs.



TYPE 52D8/6

Control keypad for speed dome cameras: Type 52D1/5, 52D1/E5, 52D1/6, 52D1/6T. 3-axis movement: right, left, up, down, focus.

Speed dome control keypad. RS485 transmission. 20x4 LCD display. 3-axis joystick: right, left, up, down, focus movement. Protocol Pelco D Pelco P. Baud Rate selectable. Supply voltage 12 VDC. Includes power supply unit. Power consumption 6 W. Dimensions W-310 x H-50 x D-170 mm. Weight 1 kg.



TYPE 52D8/8

Small plastic keypad for Small Dome cameras, with Three Axis function, Protocol Pelco D, Pelco P. Includes power supply unit 12 VDC 0.5 A.

Speed dome control keypad. RS485 half-duplex transmission. LCD display 65x15 3-axis joystick with right, left, up, down, zoom in/out movement. Protocol Pelco D - Pelco P - TopHiD1 - TopHiP1 - TopHiD2 - TopHiP2. Baud rate selectable. Supply voltage 12 VDC. Includes power supply unit. Power consumption 6 W. Dimensions: 200 x 57 x 140 mm (WxHxD). Weight 0.65 kg.



TYPE 52A1/5

Ring for suspended ceiling installation.

Ring for suspended ceiling installation of camera type 52D1/5.



TYPE 52S1/5

Bracket for wall mounting.

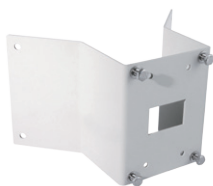
Wall bracket for indoor Speed Dome cameras type 52D1/5.



TYPE 52S1/6

Bracket for wall mounting.

Wall bracket for indoor/outdoor vandalproof IP66 Speed Dome cameras type 52D1/6, 52D1/6T.



TYPE 529F

Corner bracket.

Corner adapter bracket in beige for Speed Dome waterproof housings type 52D1/E5.



TYPE 529B

Pole mount with adapter for speed dome waterproof housing.

Pole mount type 529A in beige. Minimum pole diameter 60 mm. Maximum diameter 170 mm. Dimensions: (W) 170 x (H) 110 mm. Maximum load capacity 30 kg. With adapter for fitting waterproof housing type 52D1/E5 adapter overall dimensions 141x81 mm.



TYPE 5299/001

Outdoor housing for CCTV cameras with thermostatically-controlled heater.

Housing dimensions: (W) 130 x (H) 120 x (D) 375 mm. Bracket dimensions: (W) 45 x (H) 80 x (D) 195 mm. Thermostatically-controlled heater: PTC 24 VAC 70 W. Protection rating: IP66. Weight: 2.5 kg. Material: Housing made of extruded aluminium with black painted finish, shelter made of anodised die-cast aluminium.



TYPE 5299/004

Waterproof housing for camera with protected cable passage system.

Housing dimensions: (W) 128 x (H) 130 x (D) 410 mm. Bracket dimensions: length 235 mm. Thermostatically-controlled heater: 230 Vac 13 W. Protection rating: IP66. Colour: RAL 9002. Weight: 2.95 kg. Material: Body made of plastic material. Shelter made of aluminium.



TYPE 529P

Waterproof aluminium housing with thermostatically-controlled heater, bracket not supplied.

Housing dimensions: (W) 120 x (H) 110 x (D) 405 mm. Thermostatically-controlled heater: 230 VAC 21 W. Protection rating: IP 65. Weight: 1.2 kg. Material: Aluminium housing. Colour: beige.



TYPE 529P/12

Waterproof aluminium housing, IP65, in beige with thermostatically-controlled heater, without bracket. Bracket purchased separately. For use with power supply unit type 5AA1 or 832/024.

Housing dimensions: (W) 120 x (H) 110 x (D) 405 mm. Thermostatically-controlled heater: 12 VDC or 24 VAC 10 W. Protection rating: IP 65. Weight: 1.2 kg. Material: Aluminium housing. Colour: beige.



TYPE 529S

Articulated wall bracket for housing 529P.

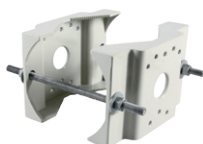
Bracket dimensions: (W) 73 x (H) 115 x (D) 238 mm. Load capacity: 8 kg. Material: aluminium. Colour: beige. Weight: 0.35 kg.



TYPE 529A

Pole mount for waterproof housings type 529P/529S.

Colour: beige. For installation of maximum two waterproof housings. Minimum pole diameter 60 mm. Maximum diameter 170 mm. Dimensions: (W) 170 x (H) 110 mm. Maximum load capacity 30 kg.



TYPE 529A/17

Pole mount for waterproof housings Speed Dome type 52D0/8 - 52D0/E8.

Colour: white. For installation of maximum two waterproof housings. Minimum pole diameter 60 mm. Maximum diameter 170 mm. Dimensions: (W) 170 x (H) 110 mm. Maximum load capacity 30 kg.



TYPE 5288/016

Articulated camera bracket for wall mounting.

Camera bracket in black ABS for wall mounting. Dimensions: (W) 130 mm.



TYPE 5288/016.05

Articulated camera bracket for wall mounting.

Camera bracket in cream ABS for wall mounting.
Dimensions: (W) 130 mm.



TYPE 5288/017

Articulated camera bracket for ceiling mounting.

Camera bracket in black aluminium for ceiling mounting.
Dimensions: (H) 190 x (D) 150 mm.



TYPE 5288/029

Compact wall bracket.

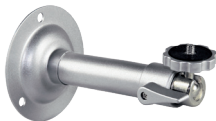
Maximum load capacity 1 kg, H angle 360° V angle 90°. Material: zinc, plastic Colour: silver.
Dimensions:(ø) 50 x (D) 75 mm.



TYPE 5288/030

Medium-sized wall bracket.

Maximum load capacity 1 kg, H angle 360° V angle 90°. Material: zinc, plastic. Colour: silver.
Dimensions:(ø) 50 x (D) 95 mm.



TYPE 5288/031

Wall bracket.

Maximum load capacity 2 kg, H angle 360° V angle 90°. Material: aluminium, cables routed internally. Colour: silver Dimensions:(ø) 50 x (D) 130 mm.



TYPE 5288/032

Wall bracket with extension up to 60 mm.

Maximum load capacity 1.5 kg. H angle 360°. V angle 90°. Material: aluminium, plastic. Colour: beige. Dimensions:(ø) 46 x (D) 175 mm.



TYPE 0002/308

3.5 - 8 mm VARI-FOCAL lens with 1.8 F aperture, CS mount and manual iris.

Focal length (mm): 3.5 - 8. Aperture (F): 1.8. Horizontal angle of view: 70° ~ 33.5°. Attachment for lens: CS. Iris: manual. Notes: Manual zoom lens.

TYPE 0002/612

3.5 - 8 mm VARI-FOCAL lens with 1.4 F aperture, C mount and manual iris

Focal length (mm): 6 - 12. Aperture (F): 1.4. Horizontal angle of view: 43.6° ~ 33.5°. Attachment for lens: C. Iris: manual. Notes: Manual zoom lens.

TYPE 0022/308

3 - 8 mm VARI-ZOOM lens with 1.4 F aperture, CS mount and auto-iris.

Focal length (mm): 3 ~ 8. Aperture (F): 1.4. Horizontal angle of view: 92.9° ~ 35.7°. Attachment for lens: CS. Iris: automatic. Notes: Manual zoom lens.

TYPE 0022/612

6-12 mm VARI-ZOOM lens with 1.4 F aperture, C mount and auto-iris.

Focal length (mm): 6 ~ 12. Aperture (F): 1.4. Horizontal angle of view: 43.6° ~ 22.6°. Attachment for lens: C. Iris: automatic. Notes: Manual zoom lens.

Megapixel Lenses

TYPE 0002/5M5

Manual zoom lens with manual iris, for Megapixel IR cameras size 1/3" CS mount.

Focal length (mm): 5 ~ 15. Aperture (F) 1.4 Horizontal angle of view: 52° ~ 18° on camera with 1/3" CCD, 39° ~ 14° on camera with 1/4" CCD. Minimum object distance 0.2m. Manual iris for applications up to 50m. Dimensions: Ø 31 x 42.1 mm. Weight: 55 g.



TYPE 0023/308

Varifocal, unamplified manual zoom lens with auto-iris, CS mount.

Focal length (mm): 3 ~ 8. Aperture (F): 1.4. Horizontal angle of view: 80° ~ 34° at 3 mm 80°, at 8 mm. 34°. Attachment for lens: CS. Iris: unamplified automatic. DC Drive. Aspherical anti-reflective lens. Minimum object distance: 0.3 m.

TYPE 0023/550

Varifocal, unamplified manual zoom DC Drive lens with auto-iris, CS mount.

Focal length (mm): 5 ~ 55. Aperture (F): 1.4. Horizontal angle of view: 54° ~ 5.6° at 5 mm 54°, at 55 mm. 5.6°. Attachment for lens: CS. Iris: unamplified automatic. DC Drive. Aspherical anti-reflective lens. Minimum object distance: 0.3 m.

Standard series DC Drive lenses

TYPE 0024/212

Varifocal, unamplified manual zoom DC Drive lens with auto-iris, CS mount.

Focal length (mm): 2.5 ~ 12. Aperture (F) 1,4 Horizontal angle of view: 90° ~ 23° at 2.5 mm 90°, 23° at 12 mm Attachment for lens: CS mount. Iris: unamplified automatic. DC Drive. Minimum object distance: 0.3 m.

TYPE 0024/660

Varifocal, unamplified manual zoom DC Drive lens with auto-iris, CS mount.

Focal length (mm): 6 ~ 60. Aperture (F) 1,6 Horizontal angle of view: 44° ~ 4.7° at 6 mm 44°, 4.7° at 60 mm Attachment for lens: CS mount. Iris: unamplified automatic. DC Drive. Minimum object distance: 0.3 m.

Megapixel Lenses

TYPE 0023/515

Manual zoom DC Drive lens with auto-iris, for Megapixel IR cameras size 1/3" CS mount.

Focal length (mm): 5 ~ 15. Aperture (F) 1.4 Horizontal angle of view: 41° ~ 19° on camera with 1/3" CCD, 36° ~ 15° on camera with 1/4" CCD. Minimum object distance 0.2m. Manual iris DC Drive for applications up to 50m. Dimensions: Ø 29 x 38.2 mm. weight: 58 g.



TYPE 5250/L

Infrared LED spotlight with built-in twilight sensor.

Illumination angle: 24°. Distance: 40 m ~. Wavelength: 880nm. Power: 9 W. Housing: extruded aluminium and plastic. Polyester powder paint finish, colour RAL 7035 light grey. Operating temperature: +20 °C ~ +50 °C. Installation: Indoor / outdoor. Protection rating: IP66. Weight: 1.5 kg. Supply voltage: 230 VAC with 1 m pre-wired cable. Notes: PF2 plate for mounting on the housing supplied. Built-in adjustable twilight sensor. Trimmer for adjusting cut-in threshold. Dimensions:(W) 110 x (H) 110 x (D) 200 mm.

TYPE 5251/L

Infrared LED spotlight with built-in twilight sensor.

Illumination angle: 40°. Distance: 25 m ~. Wavelength: 880nm. Power: 9 W. Housing: extruded aluminium and plastic. Polyester powder paint finish, colour RAL 7035 light grey. Dimensions: (W) 110 x (H) 110 x (D) 200 mm. Operating temperature: -20 °C ~ +50 °C. Installation: Indoor / outdoor. Protection rating: IP66. Weight: 1.5 kg. Supply voltage: 230 VAC with 1 m pre-wired cable. Notes: PF2 plate for mounting on the housing supplied. Built-in adjustable twilight sensor. Trimmer for adjusting cut-in threshold.



TYPE 5250

50 W infrared spotlight with illumination angle of 10°.

Illumination angle: 10°. Maximum illumination distance: 10m. Wavelength: 750nm. Lamp life: more than 2000h. Operating temperature: -10 °C ~ +50 °C. Supply voltage: 230 VAC - 50 Hz. Power: 50 W. Housing: Black die-cast aluminium. Protection rating: IP66. Dimensions:(ø) 100 x (D) 180 mm. Weight: 850 g.

TYPE 5251

50 W infrared spotlight with illumination angle of 30°.

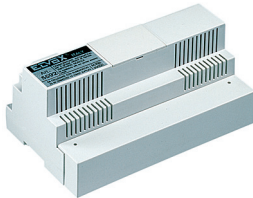
Illumination angle: 30°. Maximum illumination distance: 10m. Wavelength: 750nm. Lamp life: more than 2000h. Operating temperature: -10 °C ~ +50 °C. Supply voltage: 230 VAC - 50 Hz. Power: 50 W. Housing: Black die-cast aluminium. Protection rating: IP66. Dimensions:(ø) 100 x (D) 180 mm. Weight: 850 g.



TYPE 6582

Supplementary power supply unit 12 / 13.5 VDC 250 mA.

Power supply unit designed for wall mounting with plugs or on electrical panel with Omega DIN rail with a size of 4 modules, to supply video distributors type 5556/004, amplifier type 5559 and 12 VDC cameras Supply voltage: 230 VAC 50 Hz. Dimensions: (W) 75 x (H) 115 x (D) 65 mm (with caps on).



TYPE 6583/12

Power supply unit for cameras in parallel 12 VDC 1.6 A.

Power supply unit designed for wall mounting with plugs or on electrical panel with Omega DIN rail with a size of 12 modules, to supply multiple cameras in parallel. Supply voltage: 230 VAC. 50-60 Hz 60 VA.



TYPE 5AA0

Power supply unit with European plug. 12 VDC 0.6 A.

Input voltage 100~230 VAC - 50/60 Hz. Output voltage 12 VDC Max current 0.6 A. Max power 7.2 W. Electronic protection, output lead with standard jack connector. Plugs directly into socket outlet. LED power-on indicator. Dimensions: (W) 23 x (H) 70 x (D) 60 mm.



TYPE 5AA6

Power supply unit with European plug 12 VDC 1.25 A.

Input voltage 100~230 VAC - 50/60 Hz. Output voltage 12 VDC Max current 1.25 A Maximum power 14 W. Electronic protection. Output lead with standard jack connector. Plugs directly into socket outlet. Dimensions: (W) 45 x (H) 30 x (D) 70 mm.



TYPE 5AA1

Power supply unit for junction box type 503. 12 VDC 1 A.

Input voltage 100~230 VAC - 50/60 Hz. Output voltage 12 VDC Max current 1 A. Max power 12 W. PTC protection on primary. Input leads connected with screw terminals, output leads connected with screw terminals. For fitting to junction box type 503. Dimensions: (W) 45 x (H) 40 x (D) 23 mm.



TYPE 5AA2

Desktop power supply unit. 12 VDC 2 A.

Input voltage 100~230 VAC - 50/60 Hz. Output voltage 12 VDC. Max current 2 A. Max power 24 W. Electronic protection. Input power lead with Schuko plug. Output lead with standard jack connector desktop mounting LED power-on indicator. Dimensions: (W) 50 x (H) 35 x (D) 93 mm.



TYPE 5AA5

Modular power supply unit. 12 VDC 4.2 A.

Input voltage 100~230 VAC - 50/60 Hz. Output voltage 12 VDC. Max current 4.2 A. Max power 50 W. Electronic protection. Input leads and output leads connected with terminals, DIN mounting, 2 modules, LED power-on indicator. Dimensions: (W) 43 x (H) 60 x (D) 87 mm.

Transformers

TYPE 832/024



Low-voltage safety transformer. 24 VAC 30 VA.

Description: Power supply unit designed for wall mounting with plugs or on electrical panel with Omega DIN rail with a size of 4 modules, to supply thermostatically-controlled heater in housings type 5299. 5299/001. 5299/002 or cameras with 24V supply voltage. Supply voltage: 230 VAC 50 Hz.

Dimensions: (W) 75 x (H) 115 x (D) 65 mm (with caps on).

Distributors

TYPE 5556/004



Video distributor with 4 outputs for coaxial cable.

Distributor designed for wall mounting with plugs or on electrical panel with Omega DIN rail with a size of 4 modules, for floor video signal or for multiple cable risers, with 4 outputs. Supply voltage: 12 VDC supplied by power supply unit type 6582.

Dimensions: (W) 75 x (H) 115 x (D) 65 mm (with caps on).

ART. 52DV/4



Video distributor with 4 outputs for coaxial cable.

Coaxial video distributor with 1 BNC video input and 4 BNC video outputs. Bandwidth 10 Hz to 10 MHz, video input 1 Vpp 75 Ohm. Supply voltage 12 VDC input current 100mA. Includes power supply unit. Material: ABS, Colour: black. Dimensions: 138x86x29.5 mm.

ART. 52DV/8



Video distributor with 8 outputs for coaxial cable.

Coaxial video distributor with 1 BNC video input and 8 BNC video outputs. Bandwidth 10 Hz to 10 MHz, video input 1 Vpp 75 Ohm. Supply voltage 12 VDC input current 150 mA. Includes power supply unit. Material: metal, Colour: black. Dimensions: 133x87x44 mm.



TYPE 5559

Video signal amplifier.

Video amplifier designed for wall mounting with plugs or on electrical panel with Omega DIN rail with a size of 4 modules, for connection lines with 75 Ohm coaxial cable over 200 m long, compensated up to 1000m. Supply voltage: 12 - 18 VDC. Dimensions: (W) 75 x (H) 115 x (D) 65 mm (with caps on).



TYPE 52AM

Video signal amplifier for coaxial cable. Wide bandwidth and video gain compensation. Input impedance adjustment. HF/MF/LF compensation for colour gain. Highly balanced mode of video transmission for extra interference immunity. Protected against extra current. LED power indicator. Transmission up to 1000 m with RG59 coaxial cable. 12 VDC supply voltage. Includes power supply unit. Essential for maintaining video signal quality over long distances to DVRs.

Video amplifier with 1 input channel, 1 output channel. Video signal level 0.8-1.2 Vpp - 75 Ohm. Output signal level 1 Vpp - 75 Ohm. Bandwidth 10 Hz - 10 MHz. Transmission distance 1000 m. Supply voltage 12 VDC input current 100 mA. Dimensions: (W) 138 x (H) 76 x (D) 32 mm. Weight 310 g. Material: ABS, Colour: black. Includes power supply unit 12 VDC 500 mA.

TYPE 5212/C56



Colour desktop monitor with 5.6" TFT LCD screen with 2 video inputs and 1 audio input, includes 12 VDC power supply unit.

Screen LCD:5;6". type: TFT-LCD. Scanning system NTSC/PAL. Active display area: 4:3 (142 mm). Pixels: 114,640. Input signal: 1.0 Vpp composite video Controls: ON/OFF, volume, L/R Mirror, video input V1-V2. Connections: RCA video input and output. Supply voltage: from 11 ~ 13 VDC 9 W. With external power supply unit included: input 230 VAC 50 Hz Output 12 VDC / 1.2 A. Dimensions: (W) 167 x (H) 129 x (D) 28.5 mm. Weight: 568 g. Operating temperature: 0 °C ~ 40 °C. Notes: Supplied with articulated bracket and connection lead.

TYPE 5208



Desktop monitor with 8" TFT LCD high-resolution screen. OSD control. Video inputs: 2 AV, 1 VGA. Desk bracket, also suitable for wall mounting. 12 Volt supply voltage with power supply unit included. VGA cable not supplied.

8" LCD/TFT screen. Scanning system PAL / NTSC. Resolution 800x600 SVGA - 800x480 VGA. Screen area 162x121.5 mm. Aspect ratio 4:3. Screen colours 262 K. Luminance (nit) 250 cd/m. Contrast ratio 500:1. Angle of view 70/70/50/70. Response time 25 ms. Video input: 2 AV inputs composite video 1 Vpp - 75 Ohm BNC (yellow), 1 VGA/SVGA D-sub 15-pin connector. Audio input 2 BNC (white). Supply voltage 12 VDC 0.5 A - 6 W includes power supply unit 12 VDC 1 A. Bracket for desktop or wall mounting, OSD functions. Dimensions: (W) 200 x (H) 165 x (D) 30 mm. Weight: 675 g. Operating temperature: 0° ~ 50 °C. Operating humidity 20%~80%. Storage temperature -20 °C~70 °C. Storage humidity 20%~80%.

TYPE 5210



Desktop monitor with 10.2" high-resolution LCD TFT screen, 16:9 aspect ratio. OSD control. Video inputs: 2 AV, 1 VGA-SVGA, 1 S-Video. Desk bracket, also suitable for wall mounting. 12 Volt supply voltage with power supply unit included. Remote controller.

10.2" LCD/TFT screen. Scanning system PAL / NTSC. Resolution 800x480. Screen area 220.0x113.2 mm. Aspect ratio 16:9. Screen colours 262 K. Luminance (cd/m²) 450. Contrast ratio 300:1. Angle of view 50/60/60/60. Response time 30 ms. Video input and output: 2 - BNC Input, 2 - BNC output Composite video 1.0 Vpp auto terminated - S-Video- Y (1.0Vpp) C (0.285Vpp) - 4 P IN Min Din / INx1 / Outx1 - PC VGA IN - RGB-D-Sub 15 pin. Audio input and output: 1 RCA IN - 1 RCA OUT 30 ~ 100 m Vpp (Mono) Output 8 Ohm 2 W. Control buttons: OSD functions and On/Off. Power supply unit features: input 96~260 VAC / 50/60 Hz Output 12 VDC 5 A. Monitor power consumption 12 VDC - 700 mA, 8.4 W. Attachment VESA 100/75 standard. Dimensions: (W) 275.5 x (H) 187 x (D) 45.5 mm. Weight: 1.7 kg. Operating temperature: 0° ~ 50 °C. Operating humidity 20%~ 85%. Storage temperature -20 °C~60 °C. Storage humidity 10%~85%. Includes remote control.

TYPE 5217/1



17" active matrix LCD colour monitor. 12 Volt supply voltage with power supply unit included. Adjustable colour temperature. 2D comb filter.

17" LCD TFT screen. Scanning system PAL/NTSC. Resolution 1280x1024 - 75 Hz. Active area 37,920(H)x270,336(V). Pixel 0.264x0.264. Aspect ratio 5.4.- 16.7 million colours. Contrast ratio 500:1. Luminance 300~420 cd/m². Angle of view 140°/140°. Video input signal VGA- SVGA. Analogue RGB (0.7Vpp 75 Ohm). Horizontal resolution, 625 TV lines 50 frames/sec PAL. OSD controls Audio IN VGA power consumption 30 Watt max. 3 Watt in standby. Temperature 0~+50 °C. Humidity 20%~85%. Dimensions: (W) 395 x (H) 395 x (D) 170 mm. Net weight 5 kg. Gross weight 7 kg. Power supply unit 12 VDC/4.2° INCLUDED.



NEW TYPE 5219/1

19" LCD colour monitor. 12 Volt supply voltage with power supply unit included. OSD control.

Desktop monitor with high resolution LCD TFT 19" screen (1280x1024 pixels). OSD control. Video inputs: 1 AV, 1 VGA-SVGA, SVideo. Supply voltage: 12 VDC 1.2A, adapter included (230VAC 50Hz). Monitor power consumption 40W (1W in standby). Dimensions (width x height x depth): 413x424x200 mm.



TYPE 5217/H

17" active matrix LCD high-resolution colour monitor, 12 volt supply voltage with power supply unit included. 3D comb filter colour temperature control.

17" LCD TFT screen. Scanning system PAL/NTSC. Resolution 1280x1024 – 75 Hz. Active area 37,920(H)x270,336(V). Pixel 0.264x0.264. Aspect ratio 4.3. - 16.7 million colours. Contrast ratio 800:1. Luminance 450 cd/m². Angle of view 140°/140°. Video input signal VGA- SVGA. Analogue RGB (0.7Vpp 75 Ohm). Horizontal resolution, 625 TV lines 50 frames/sec PAL. OSD controls Audio IN VGA. Power consumption 30 Watt max. 3 Watt in standby. Temperature 0~+50 °C. Humidity 20%~85%. Dimensions: (W) 395 x (H) 395 x (D) 170 mm. Net weight 5 kg. Gross weight 7 kg. Power supply unit 12 VDC/4.2 A included.

LCD/TFT monitor VGA and Audio only



NEW TYPE 5217/SB

17" LCD TFT desktop monitor. OSD control. Video inputs: 1 VGA. Desk bracket, also suitable for wall mounting. 12 Volt supply voltage with power supply unit included.

Desktop monitor with high resolution LCD TFT 17" screen (1280x1024 pixels), 4:3 format. OSD control. 1 VGA video input, 1 audio input. Desk stand, also suitable for wall mounting with Vesa standard attachment. Supply voltage 100 to 240 Vac. Input current: 38 W. Dimensions (width x depth x height): 366x389x171 mm



TYPE 5219/VGA

Professional 19" LCD TFT desktop monitor. OSD control. Video inputs: 1 VGA/SVGA/XGA/SXGA, 1 DVI. Desk bracket, also suitable for wall mounting. 12 Volt supply voltage with power supply unit included.

19" LCD/TFT screen. Scanning system PAL / NTSC. Resolution 1280x1024. Screen area 376.3x301 mm. Aspect ratio 4:3. Screen colours 16.7M. Luminance (cd/m²) 300. Contrast ratio 700:1. Angle of view 80/80/85/85. Response time 3.6/1.4 ms. Video input: PC VGA – SVGA / RGB-D-Sub 15 pin - DVI. Audio input and output: 1 RCA IN – 1 RCA OUT 50 m~100 m Vpp 2 W. Control buttons: OSD functions and On/Off. Power supply unit features: input 90~260 VAC / 50/60 Hz Output 12 VDC 5 A. Monitor power consumption 12 VDC - 3 A - 36 W. Attachment VESA 100/75 standard. Dimensions: (W) 430 x (H) 356 x (D) 66.78 mm. Weight: 4.8 kg. Operating temperature: 0° ~ 40 °C. Operating humidity 10%~ 85%. Storage temperature -10 °C~50 °C. Storage humidity 10%~85%



TYPE 5288/028

Wall bracket, supports 15-30" LCD/TFT monitor.

Bracket supports 15" to 30" LCD/TFT monitor with VESA 75/100 adapter. Recommended for most commercially available monitors. Made of metal with black polyester powder paint finish. Wide range of adjustments both vertical (20° downward) and horizontal (90° right - left). Set of screws for fixing monitor included. Maximum load capacity 30 kg. Dimensions: (W) 140 x (H) 140 x (D) 70.5 mm.

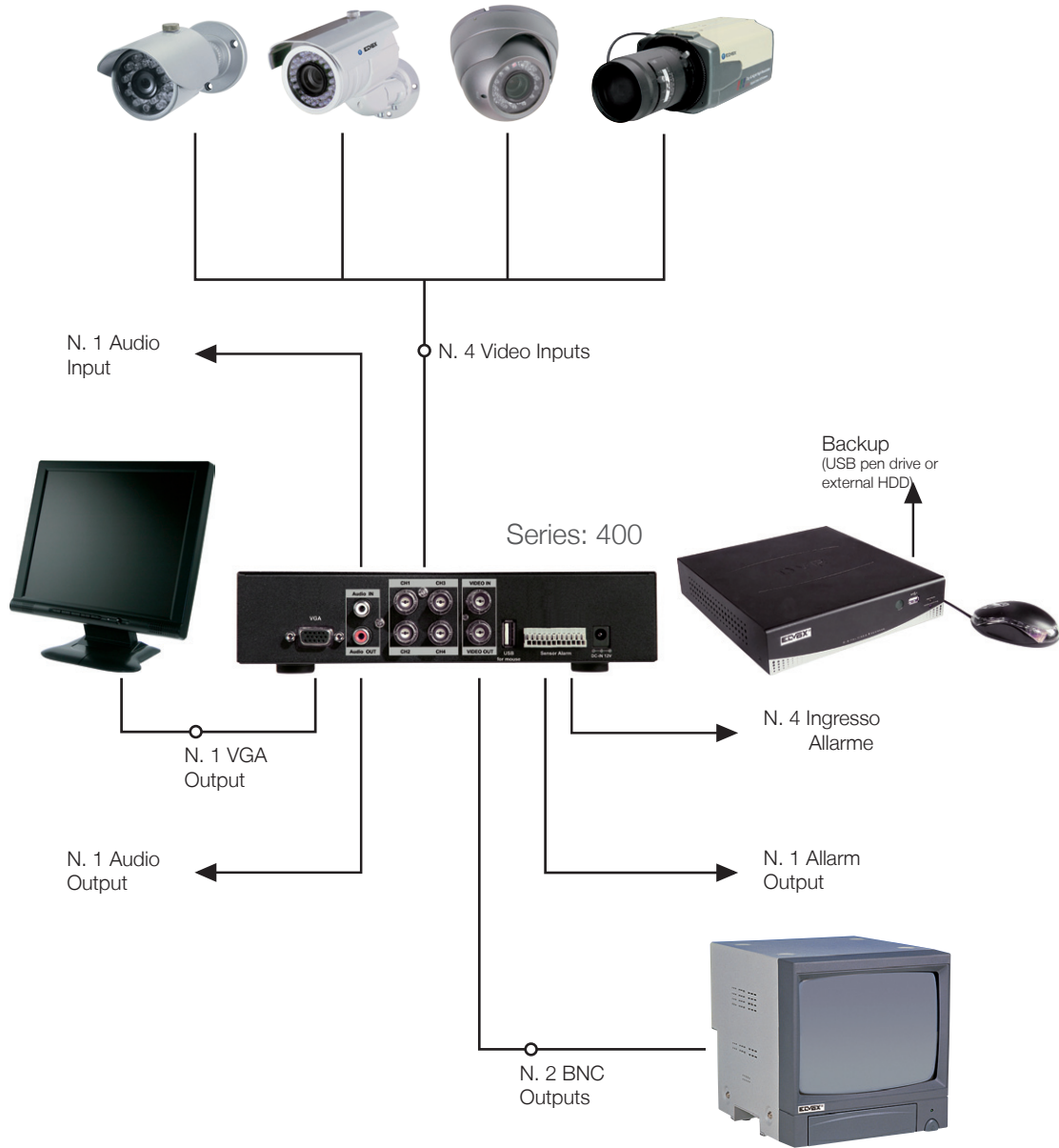


TYPE 5288/S28

Wall or ceiling bracket, supports 15-30" LCD/TFT monitor.

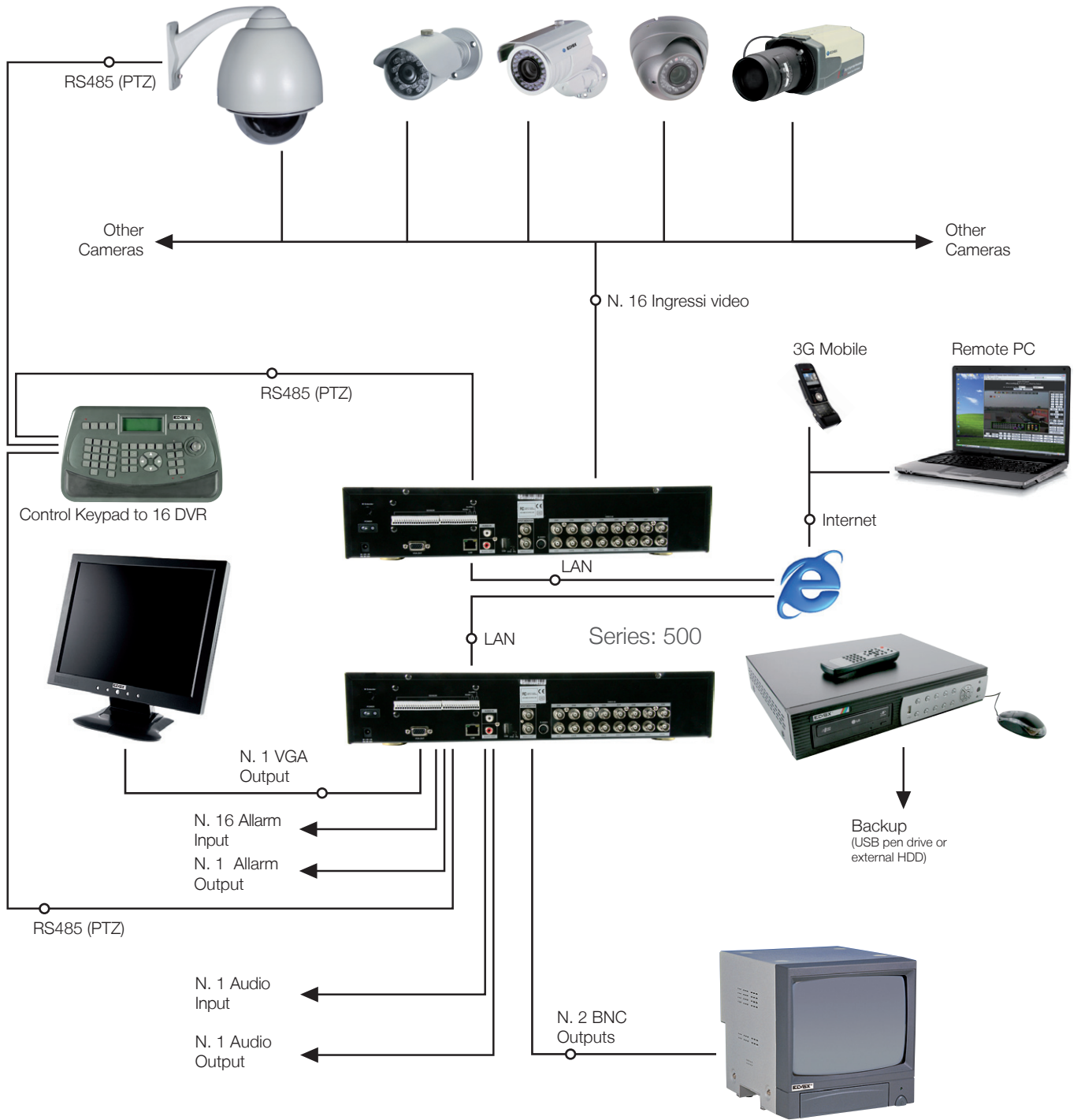
Bracket supports 15" to 30" LCD/TFT monitor with VESA 75/100 adapter. Recommended for most commercially available monitors. Made of metal with light grey polyester powder paint finish. Wide range of adjustments both vertical (20° downward) and horizontal (90° right - left). Internal cable ducting. Roof mount extendable from 510 to 900 mm. Set of screws for fixing monitor included. Maximum load capacity 30 kg. Dimensions: (W) 140 x (H) 140 x (D) minimum 510 maximum 900 mm.

Class: Practical



Software for backup view over USB

Class: Performer

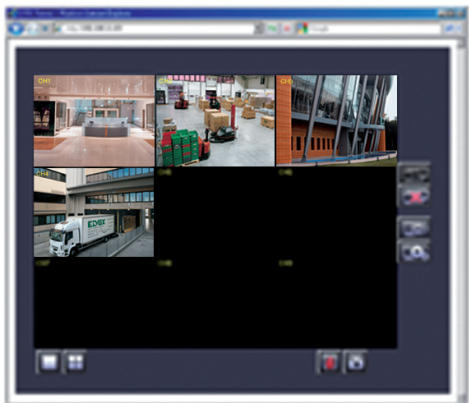


Class: Performer

(Version for DVR type 524H/524 - 526 - 528)



Software for camera and backup view

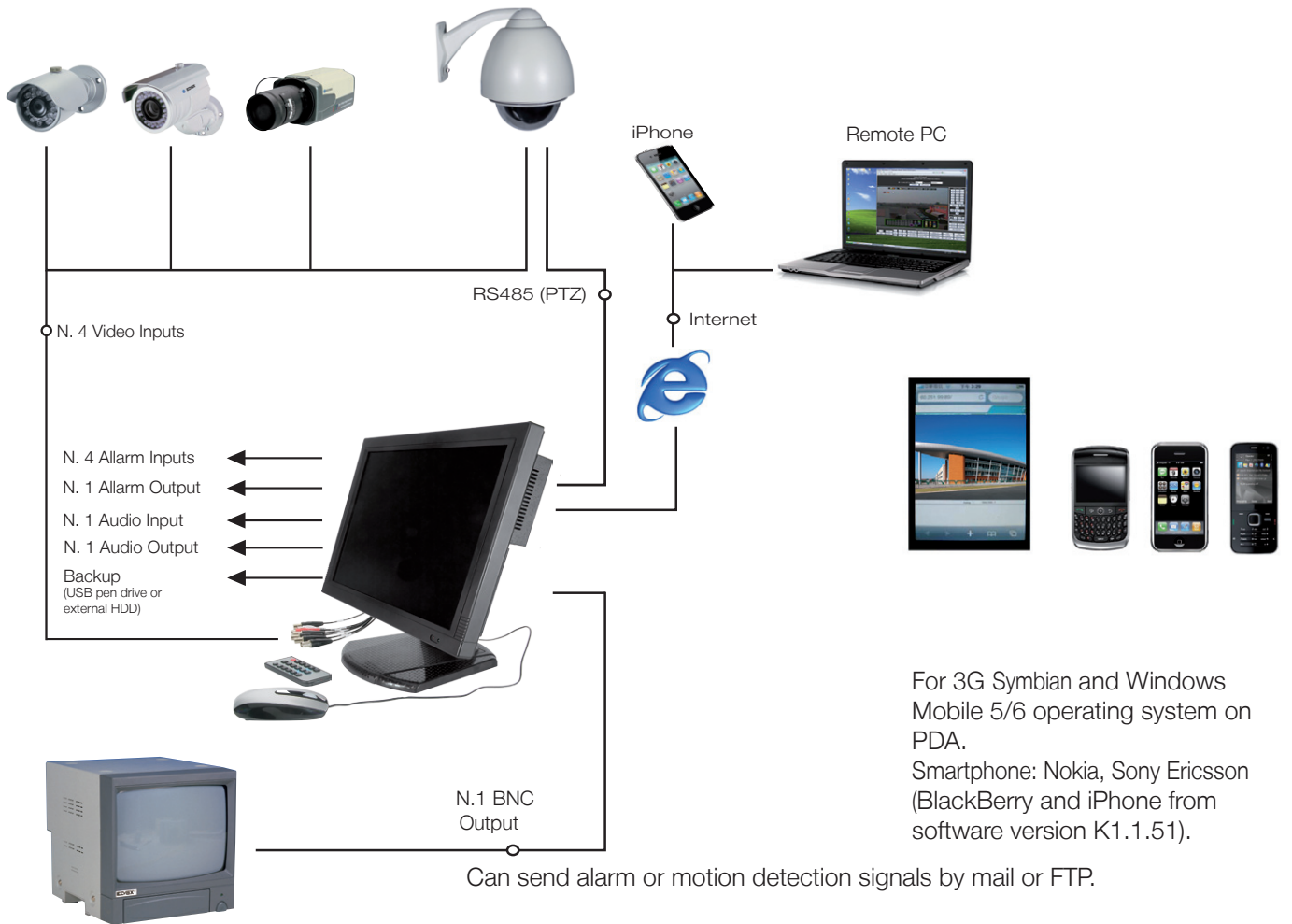


Software for remote camera viewing



Software for camera view via mobile phone

Class: Performer Space

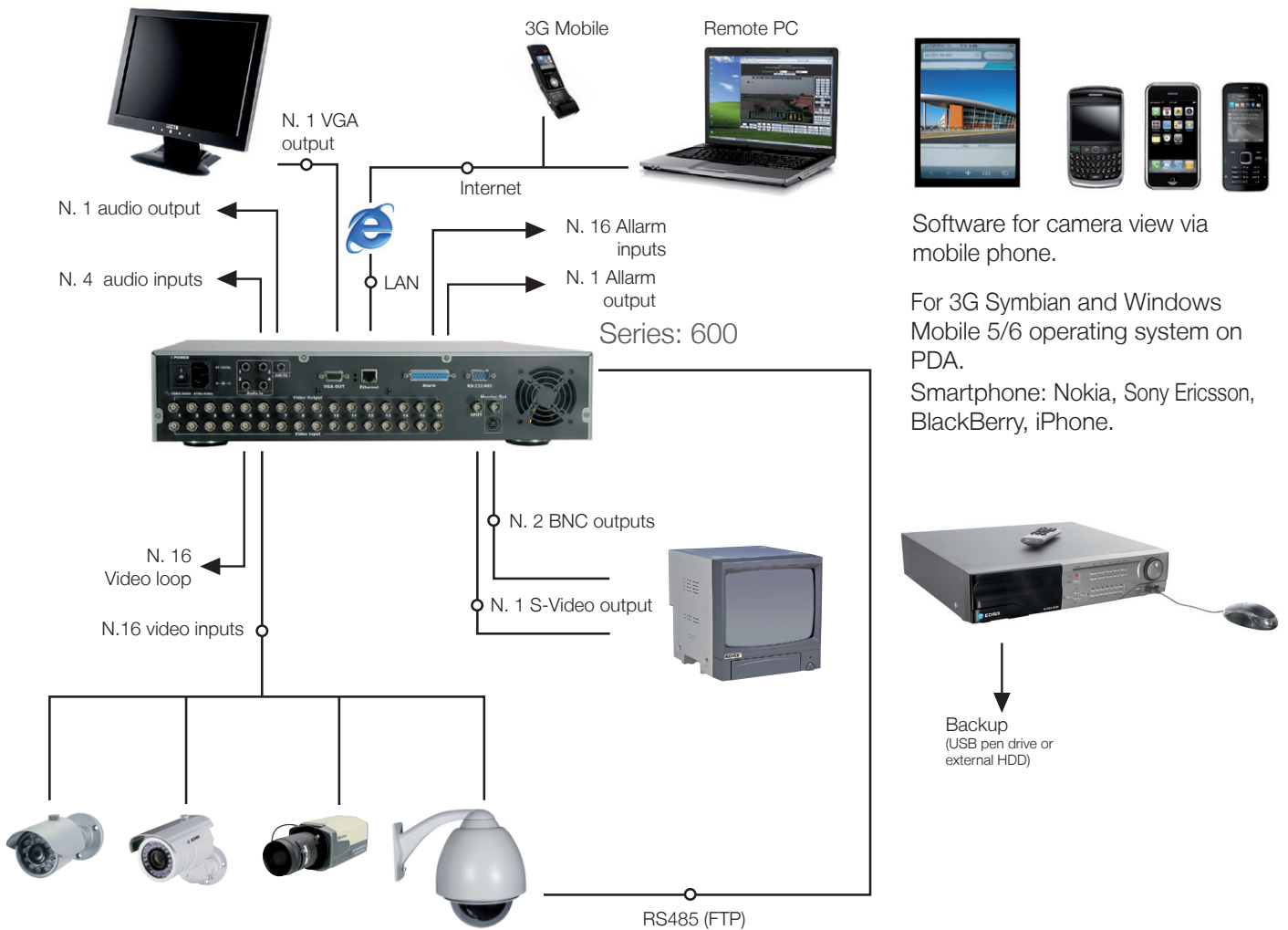


CMS software allows remote monitoring of 16 DVRs. Essential for viewing up to 32 images from a single screen.



Software for remote camera viewing.

Class: Performer Space



Can send alarm or motion detection signals by mail or FTP.



CMS software allows remote monitoring of 16 DVRs. Essential for viewing up to 32 images from a single screen.



Software for remote camera viewing

Class: Professional



Professional CMS software, allows remote monitoring of 256 cameras, with E-Mapping function for easy identification of individual cameras. Essential for centralised viewing of up to 16 DVRs from a single screen.



Software for viewing cameras via PDA with Windows Mobile 5/6 operating system.



Class: Practical Series: 400

Digital video recorder with 4 video inputs and 1 audio input. Alarm input and motion detection, real-time display and programmable recording, without LAN network, OSD in Italian, backup to USB. Control via mouse.

Technical specifications:

Input	4CH Inputs 1.0Vpp, 75 Ohm unbalanced (BNC type)
Output	BNC x2 (master monitor 1 - slave monitor1), VGA
Horizontal resolution	640x448 (NTSC) / 640x554(PAL)
Screen division	1,4, sequence
Screen quality	Maximum: 720(H)x 480(V) Active Pixels (NTSC); 720(H) x 576(V) Active Pixels (PAL) 1/4 Screen: 360(H) x 240(V) Active Pixels (NTSC); 360(H) x 288(V) Active Pixels (PAL)
Display rate	PAL 100 FPS
Maximum recording	50 FPS
Recording quality	Super, High, Fine, Normal, Low
Image compression	M-JPEG
Recording mode	Continuous, Scheduled, Motion detect, Alarm
Search in playback mode	Search by Events, or by Date, Time, Minutes, Seconds
Multi-channel playback	1.4
Operating mode	Duplex
Motion Detect function	Area Division: 16 x12, sector selectable, ON/OFF. Motion detect recording and relay on at the same time
Alarms	4 Input alarms / 1 relay output
Audio connectors	RCA x 1/RCA x 1
USB	1 X USB Mouse - 1 X USB Backup
HDD capacity	Type 523H/404: Without HDD Type 524H/404: With 320 GB HDD
Supply voltage	12 VDC / 3 A
Weight	Net: 6.2 kg / Gross 9.1 kg
Dimensions	215 (W) x 235 (D) x 50 (H) mm
Operating temp.	41 °F~104 °F (5 °C~+40 °C)
Operating humidity	Less than 90%

TYPE 523H/404

Digital video recorder **without HDD**.

TYPE 524H/404

Professional digital video recorder **with 320 GB HDD** (maximum capacity 1TB) for digital video recording.



Class: Performer Series: 500

Digital video recorder with 4 video inputs. Remote view software allows you to monitor, backup, playback and control the DVR. Complete with CMS (Central Management System) software. Remote view via IE browser, smartphone, PDA and iPhone.

Technical specifications:

Input	4CH Inputs 1.0Vpp, 75 Ohm unbalanced (BNC type)
Output	BNC x2 (master monitor - slave monitor), S-Video and VGA
Horizontal resolution	720X480(NTSC) / 720X576(PAL)
Screen division	1,4, sequence
Screen quality	Full: 720(H) x 480(V) Active pixels (NTSC); 720(H) x 576(V) Active pixels (PAL)
Display rate	25 FPS PAL - 30 FPS NTSC per channel
Recording rate	D1 - PAL 50FPS (704x576) - NTSC 60FPS (704x480) Half D1 - PAL 50FPS (704x288) - NTSC 60FPS (704x240) CIF - PAL 100FPS (352x288) - NTSC 120FPS (352x240)
Recording quality	Super, High, Medium, Low
Image compression	H264
Recording mode	Normal, Scheduled, Motion detect, Alarm
FPS per channel	Resolution D1 - Half D1 - CIF and FPS Programmable per channel
Search in playback mode	Search by Events, or by Time, Minutes, Seconds
Multi-channel playback	1.4
Operating mode	Pentaplex
Motion Detect function	Area division: 16x16 and adjustable sensitivity for each camera
RJ45 network function	Remote Viewer through static IP Dynamic IP (DDNC) or PPPOE
Alarms	4 Input alarms / 1 relay output
Audio connectors	RCA x 1
USB	1 X USB Mouse - 1 X USB Backup
Backup	USB / network
PTZ control	Multi-protocol
RS485	For control of external keypad
IR remote control	Standard
HDD capacity	320 GB SATA HDD (max 1 HDD x 2 TB)
Supply voltage	12 VDC / 5 A
Weight	Net: 6.2 kg / Gross 9.1 kg
Dimensions	290 (W) x 222 (D) x 60 (H) mm
Operating temp.	41 °F~104 °F (5 °C~+40 °C)
Operating humidity	Less than 90%

TYPE 524H/524



Class: Performer Series: 500

Digital video recorder with 8 video inputs. Remote view software allows you to monitor, backup, playback and control the DVR. Complete with CMS (Central Management System) software. Remote view via IE browser, smartphone, PDA and iPhone.

Technical specifications:

Input	8CH Inputs 1.0Vpp, 75 Ohm unbalanced (BNC type)
Output	BNC x2 (master monitor - slave monitor), S-Video and VGA
Horizontal resolution	720X480(NTSC) / 720X576(PAL)
Screen division	1,4,8 sequence
Screen quality	Full: 720(H) x 480(V) Active pixels (NTSC); 720(H) x 576(V) Active pixels (PAL)
Display rate	25 FPS PAL - 30 FPS NTSC per channel
Recording rate	D1 - PAL 50FPS (704x576) - NTSC 60FPS (704x480) Half D1 - PAL 100FPS (704x288) - NTSC 120FPS (704x240) CIF - PAL 200FPS (352x288) - NTSC 240FPS (352x240)
Recording quality	Super, High, Medium, Low
Image compression	H264
Recording mode	Normal, Scheduled, Motion detect, Alarm
FPS per channel	Resolution D1 - Half D1 - CIF and FPS Programmable by channel
Search in playback mode	Search by Events, or by Time, Minutes, Seconds
Multi-channel playback	1,4,9
Operating mode	Pentaplex
Motion Detect function	Area division: 16x16 and adjustable sensitivity for each camera
RJ45 network function	Remote Viewer through static IP Dynamic IP (DDNC) or PPPOE
Alarms	8 Input alarms / 1 relay output
Audio connectors	RCA x 1
USB	1 X USB Mouse - 1 X USB Backup
Backup	USB / network / CD - DVR/RW
PTZ control	Multi-protocol
RS485	For control of external keypad
IR remote control	Standard
HDD capacity	320 GB SATA HDD (max 1 HDD x 2 TB)
Supply voltage	12 VDC / 5 A
Weight	Net: 6.2 kg / Gross 9.1 kg
Dimensions	340 (W) x 270 (D) x 70 (H) mm
Operating temp.	41 °F~104 °F (5 °C~+40 °C)
Operating humidity	Less than 90%

TYPE 524H/528 TYPE 524H/58D

Digital video recorder with DVD/RW burner



Class: Performer Series: 500

Digital video recorder with 16 video inputs. Remote view software allows you to monitor, backup, playback and control the DVR. Complete with CMS (Central Management System) software. Remote view via IE browser, smartphone, PDA and iPhone.

Technical specifications:

Input	16CH Inputs 1.0Vpp, 75 Ohm unbalanced (BNC type)
Output	BNC x2 (master monitor - slave monitor), S-Video and VGA
Horizontal resolution	720X480(NTSC) / 720X576(PAL)
Screen division	1,4,8,13,16,sequence
Screen quality	Full: 720(H) x 480(V) Active pixels (NTSC); 720(H) x 576(V) Active pixels (PAL)
Display rate	PAL 400 FPS (16x25) - NTSC 480 FPS (16x30)
Recording rate	D1 - PAL 100FPS (704x576) - NTSC 120FPS (704x480) Half D1 - PAL 50FPS (704x288) - NTSC 60FPS (704x240) CIF - PAL 100FPS (352x288) - NTSC 120FPS (352x240)
Recording quality	Super, High, Medium, Low
Image compression	H264
Recording mode	Normal, Scheduled, Motion detect, Alarm
FPS per channel	Resolution D1 - Half D1 - CIF and FPS Programmable by channel
Search in playback mode	Search by Events, or by Time, Minutes, Seconds
Multi-channel playback	1,4,8,13,16
Operating mode	Pentaplex
Motion Detect function	Area division: 16x16 and adjustable sensitivity for each camera
RJ45 network function	Remote Viewer through static IP Dynamic IP (DDNC) or PPPOE
Alarms	16 Input alarms / 1 relay output
Audio connectors	RCA x 1 IN / RCA x 1 OUT
USB	1 X USB Mouse - 1 X USB Backup
Backup	USB / network / CD-RW / DVR-RW
PTZ control	Multi-protocol
RS485	For control of external keypad
IR remote control	Standard
HDD capacity	320 GB SATA HDD (max 1 HDD x 2 TB)
Supply voltage	12 VDC / 6.7 A
Weight	Net: 6.2 kg / Gross 9.1 kg
Dimensions	430 (W) x 320 (D) x 80 (H) mm
Operating temp.	41 °F~104 °F (5 °C~+40 °C)
Operating humidity	Less than 90%

TYPE 524H/526



Class: Performer Space

Digital video recorder with 4 video inputs and 15" TFT LCD monitor. Remote view software allows you to monitor, backup, playback and control the DVR with authorised password. Remote view via IE browser, smartphone and PDA. Multi-language OSD.

Technical specifications:

Input	4CH Inputs 1.0Vpp, 75 Ohm unbalanced (BNC type)
Output	BNC x1
Horizontal resolution	720X480(NTSC) / 720X576(PAL)
Screen division	1,4, sequence
Recording resolution	D1/ NTSC:720x240-PAL:720x288 - CIF/ NTSC:360x240-PAL:360x288
Recording rate	D1/ NTSC:720x240-60 FPS - PAL:720x288- 50 FPS CIF/ NTSC:360x240-120 FPS - PAL:360x288- 100FPS
NTSC-PAL recording	1/30(1/30), 1/15(1/15), 1/10(1/10), 1/5 (1/5), 1/3 (1/3), 1/2 (1/2), 1(1), 2(2), 3(3.13), 5(5), 10 (8.33), 15(12.5), 30(25), 60(50)
Recording quality	Super, High, Fine, Normal, Low
Image compression	H264, Low: 1 KB / Medium:2.2 KB / High:3.2 KB / Best: 6 KB
Recording mode	Manual / Date-Time / Schedule
Search in playback mode	Search by events, list or date
OSD function	Date - Time - Menu programming
Operating mode	Triplex
Connections	4 users simultaneously
RJ45 network function	DDNS / PPPoE / DHCP / E-Mail / FTP
Alarms	4 Input alarms / 1 relay output
Audio connectors	RCA x 1/RCA x 1
USB	1 X USB Mouse - 1 X USB Backup
Backup	USB / network
PTZ control	Pelco D / Pelco P
Monitor	15" LCD, resolution 1024x768
LCD Luminance/Contrast	250 Nit / 500:1
HDD capacity	320 GB HDD
Supply voltage	12 VDC / 5 A
Weight	8.3 kg
Dimensions	355 (W) x 228 (D) x 75 (H) mm
Operating temp.	0 °C~+40 °C)
Operating humidity	85%

TYPE 524H/615



Class: Performer Space Series: 600

Digital video recorder with 16 video inputs. Remote view software allows you to monitor, backup, playback and control the DVR. Complete with CMS (Central Management System) software.

Remote view via IE browser, smartphone, PDA and iPhone.

Technical specifications:

Input	Type 524H/616: 8CH Inputs (BNC / LOOP)
Output	BNC x1 - BNC x1 Spot Monitor - SVideo x1 - VGA x1
Horizontal resolution	720X480(NTSC) / 720X576(PAL)
Screen division	Type 524H/608: 1,4,9 -Type 524H/616: 1,4,9,13,16
Screen quality	Full: 720(H) x 480(V) Active pixels (NTSC); 720(H) x 576(V) Active pixels (PAL)
Display rate	PAL 400 FPS (16x25) - NTSC 480 FPS (16x30)
Recording rate	D1/ NTSC:720x240 - 120 FPS / PAL:720x288 - 100 FPS CIF/ NTSC: 360x240 - 240 FPS / PAL:360x288 - 200 FPS
Recording resolution	D1/ NTSC:720x240 / PAL:720x288 CIF/ NTSC:360x240 / PAL:360x288
Image compression	H264 (Low: 1 Kb / Medium:2.2 Kb / High:3.2 Kb / Best: 6 Kb)
Recording mode	Manual / Date-Time / Schedule
Search in playback mode	Search by events, or by list or date
Operating mode	Triplex
RJ45 network function	Remote Viewer through static IP Dynamic IP (DDNS), PPPOE, DHCP, E-Mail, FTP
Alarms	Type 524H/616: 16 Input alarms / 1 relay output
Audio connectors	RCA x 1 IN / RCA x 1 OUT
USB	1 X USB Mouse - 1 X USB Backup
Backup	USB / network / CD-RW / DVR-RW
Motion detector	30x24 grid, sensitivity adjustable 1-100
PTZ control	Pelco D / Pelco P
RS485	For control of external keypad
OSD function	Date - Time - plus Menu programming
Connections	Up to 4 users simultaneously
HDD capacity	1 x 320 GB SATA HDD (max 2 x 1000 GB HDD)
Supply voltage	90 ~ 260 VAC - 45 W
Weight	1.3 kg
Dimensions	430 (W) x 380 (D) x 91 (H) mm
Operating temp.	from 0 °C to 45 °
Operating humidity	85%

NEW TYPE 524H/626



Class: Professional Series: 800

Digital video recorder with 8 video inputs. Remote view software allows you to monitor, backup, playback and control the DVR. Complete with CMS (Central Management System) & E-MAPPING software. Remote view via IE browser and PDA.

Technical specifications:

Input	8CH Inputs 1.0Vp-p, 75 Ohm unbalanced (BNC type) 8CH Audio inputs, (RCA type)
Output	BNC x2 - BNC x1 Spot Monitor - SVideo x1 - VGA x1
Horizontal resolution	720X480(NTSC) / 720X576(PAL)
Screen division	1,4,8, sequence
Zoom	Available in Live & PB, 2 x 2 zoom
Display rate	200 FPS (8x25)
Recording rate	200 FPS
Recording quality	NTSC - 240 FPS (352X240), 60 FPS (720X480) PAL - 200 FPS (352X288), 50 FPS (720X576)
Compression	MPEG 4 for Video, G.723 for Audio
Recording mode	Continuous, Scheduled, Motion detect, Alarm
Search in playback mode	Search by events, or by date, time, minutes, seconds
Multi-channel playback	1,4,8
Operating mode	Pentaplex
Motion Detect function	Area division: 16 x12, sector selectable, ON/OFF. Motion detect recording and relay on at the same time
RJ45 network function	Remote Viewer with Static IP code, or Dynamic TCP/IP, UDP, HTTP, SMTP, NTP, DHCP, DDNS
Network operation	w/ AP: monitoring, remote setting, PTZ control, backup and playback w/ IE: viewer, event notification, multi-user access, two-way audio, CMS and E-MAP
Alarms	8 Input alarms / 4 relay output
Audio connectors	RCA x 8 IN / RCA x 2 OUT
USB	1 X USB Mouse - 1 X USB Backup
Backup	USB / network / CD-RW / DVR-RW
PTZ control	Multi-protocol
RS485	For control of external keypad
OSD function	Date - Time - plus Menu programming
Connections	Up to 5 users simultaneously
HDD capacity	1 x 320 GB SATA HDD (max 3 x 750 GB HDD)
Supply voltage	12 VDC - 6.7 A
Dimensions / Weight	430 (W) x 370 (D) x 90 (H) mm / 7.5 kg
Operating temp.	40 °F~104 °F (5 °C~+40 °C) - less than 80%

TYPE 524H/878



Class: Professional Series: 800

Digital video recorder with 16 video inputs. Remote view software allows you to monitor, backup, playback and control the DVR. Complete with CMS (Central Management System) & E-MAPPING software. Remote view via IE browser and PDA.

Technical specifications:

Input	16CH Inputs 1.0Vp-p, 75 Ohm unbalanced (BNC type) 16CH Audio inputs, (RCA type)
Output	BNC x2 - BNC x1 Spot Monitor - SVideo x1 - VGA x1
Horizontal resolution	720X480(NTSC) / 720X576(PAL)
Screen division	1,4,8,13,16, sequence
Zoom	Available in Live & PB, 2 x 2 zoom
Display rate	400 FPS (16x25)
Recording rate	400 FPS
Recording quality	NTSC - 480 FPS (352X240), 120 FPS (720X480) PAL - 400 FPS (352X288), 100 FPS (720X576)
Compression	MPEG 4 for Video, G.723 for Audio
Recording mode	Continuous, Scheduled, Motion detect, Alarm
Search in playback mode	Search by events, or by date, time, minutes, seconds
Multi-channel playback	1,4,8,13,16
Operating mode	Pentaplex
Motion Detect function	Area division: 16 x12, sector selectable, ON/OFF. Motion detect recording and relay on at the same time
RJ45 network function	Remote Viewer with Static IP code, or Dynamic TCP/IP, UDP, HTTP, SMTP, NTP, DHCP, DDNS
Network operation	w/ AP: Monitoring, remote setting, PTZ control, backup and playback w/ IE: viewer, event notification, multi-user access, two-way audio, CMS and E-MAP
Alarms	16 Input alarms / 4 relay output
Audio connectors	RCA x 16 IN / RCA x 2 OUT
USB	1 X USB Mouse - 1 X USB Backup
Backup	USB / network / CD-RW / DVR-RW
PTZ control	Multi-protocol
RS485	For control of external keypad
OSD function	Date - Time - plus Menu programming
Connections	Up to 5 users simultaneously
HDD capacity	1 x 320 GB SATA HDD (max 3 x 750 GB HDD)
Supply voltage	12 VDC - 6.7 A
Dimensions / Weight	430 (W) x 370 (D) x 90 (H) mm / 7.5 kg
Operating temp.	40 °F~104 °F (5 °C~+40 °C) - less than 80%

TYPE 524H/816



TYPE 52PM



CCTV kit comprising 1 B/W camera type 52DM. 1 lens type 23/308. 1 waterproof aluminium housing type 529P and bracket type 529S.

Kit comprising: 1 DSP B/W camera with 1/3" Sony Super HAD high-resolution CCD sensor. Supply voltage from 85 to 265 VAC type 52DM. 1 VARIFOCAL lens with manual zoom (3 to 8 mm - F 1.4) type 23/308. 1 IP 65 waterproof aluminium housing with thermostatically-controlled heater 230 VAC 21 W type 529P. 1 articulated wall bracket for waterproof housing type 529S.

TYPE 52PM/550

CCTV kit comprising 1 B/W camera type 52DM. 1 lens type 23/550. 1 waterproof aluminium housing type 529P and bracket type 529S.

Kit comprising: 1 B/W DSP camera with 1/3" Sony Super HAD high-resolution CCD sensor. Supply voltage from 85 to 265 VAC type 52DM. 1 VARIFOCAL lens with manual zoom (5 to 55 mm - F 1.4) type 23/550. 1 IP 65 waterproof aluminium housing with thermostatically-controlled heater 230 VAC 21 W type 529P. 1 articulated wall bracket for waterproof housing type 529S.

Colour CCTV kits

TYPE 52PN



CCTV kit comprising 1 colour camera type 52DN. 1 lens type 23/308. 1 waterproof aluminium housing type 529P and bracket type 529S. Not sensitive to infrared light.

Description: Kit comprising: 1 Day & Night DSP colour camera with 1/3" Sony Super HAD high-resolution CCD sensor. Supply voltage from 85 to 265 VAC type 52DN. 1 VARIFOCAL lens with manual zoom (3 to 8 mm - F 1.4) type 23/308. 1 IP 65 waterproof aluminium housing with thermostatically-controlled heater 230 VAC 21 W type 529P. 1 articulated wall bracket for waterproof housing type 529S.

TYPE 52PN/550

CCTV kit comprising 1 colour camera type 52DN. 1 lens type 23/550. 1 waterproof aluminium housing type 529P and bracket type 529S. Not sensitive to infrared light.

Kit comprising: 1 Day & Night DSP colour camera with 1/3" Sony Super HAD high-resolution CCD sensor. Supply voltage from 85 to 265 VAC type 52DN. 1 VARIFOCAL lens with manual zoom (5 to 55 mm - F 1.4) type 23/550. 1 IP 65 waterproof aluminium housing with thermostatically-controlled heater 230 VAC 21 W type 529P. 1 articulated wall bracket for waterproof housing type 529S.

TYPE 52PR



CCTV kit comprising 1 colour camera type 52DN/IR. 1 lens type 23/308. 1 waterproof aluminium housing type 529P and bracket type 529S.

Kit comprising: 1 Day & Night DSP colour camera with 1/3" Sony EXVIEW high-resolution CCD sensor. Supply voltage from 85 to 265 VAC type 52DN/IR. 1 VARIFOCAL lens with manual zoom (5 to 55 mm - F 1.4) type 23/308. 1 IP 65 waterproof aluminium housing with thermostatically-controlled heater 230 VAC 21 W type 529P. 1 articulated wall bracket for waterproof housing type 529S.



TYPE 52PR/550

CCTV kit comprising 1 colour camera type 52DN/IR. For checking vehicle licence plates. 1 lens type 23/550. 1 waterproof aluminium housing type 529P and bracket type 529S.

Kit comprising: 1 Day & Night DSP colour camera with 1/3" Sony EXVIEW high-resolution CCD sensor. Supply voltage from 85 to 265 VAC type 52DN/IR. 1 VARIFOCAAL lens with manual zoom (5 to 50 mm - F 1.4) type 23/550. 1 IP 65 waterproof aluminium housing with thermostatically-controlled heater 230 VAC 21 W type 529P. 1 articulated wall bracket for waterproof housing type 529S.

Colour CCTV kit for checking vehicle licence plates



TYPE 52PT

CCTV kit comprising 1 colour camera type 52DN/IR, specially designed for checking vehicle licence plates. 1 lens type 23/308. 1 waterproof aluminium housing type 529P and bracket type 529S.

Kit comprising: 1 Day & Night DSP colour camera with 1/3" Sony EXVIEW high-resolution CCD sensor. With IR filter and shutter speed control. Supply voltage from 85 to 265 VAC type 52DT. 1 VARIFOCAAL lens with manual zoom (3 to 8 mm - F 1.4) type 23/308. 1 IP 65 waterproof aluminium housing with thermostatically-controlled heater 230 VAC 21 W type 529P. 1 articulated wall bracket for waterproof housing type 529S.

TYPE 52PT/550

CCTV kit comprising 1 colour camera type 52DN/IR, specially designed for checking vehicle licence plates. 1 lens type 23/550. 1 waterproof aluminium housing type 529P and bracket type 529S.

Kit comprising: 1 Day & Night DSP colour camera with 1/3" Sony EXVIEW high-resolution CCD sensor. With IR filter and shutter speed control. Supply voltage from 85 to 265 VAC type 52DT. 1 VARIFOCAAL lens with manual zoom (5 to 50 mm - F 1.4) type 23/550. 1 IP 65 waterproof aluminium housing with thermostatically-controlled heater 230 VAC 21 W type 529P. 1 articulated wall bracket for waterproof housing type 529S.



TYPE 52P0/660

CCTV kit comprising: 1 Day & Night colour camera, Hitachi DSP, Starlight with mechanical filter, 0.0001 lux type 52D0/3, 1 lens type 24/660. 1 waterproof aluminium housing type 529P/12 and bracket type 529S.

Kit comprising: 1 indoor Day & Night DSP colour camera with 1/3" Sony Super HAD CCD sensor, high resolution up to 620 TV lines. With mechanical IR filter, Slow Shutter, 0.0001 lux. Supply voltage 12 VDC - 24 VAC Input current 150 mA VDC 100 mA VAC type 52D0/3. 1 VARIFOCAL lens with manual zoom (6 to 60 mm - F 1.6) type 24/660. 1 IP 65 waterproof aluminium housing with thermostatically-controlled heater 12 VDC / 24 VAC 10 W max type 529P/12. 1 articulated wall bracket for waterproof housing type 529S.

NOTE: This kit can be powered with 12 VDC using power supply unit type 5AA1, 12 VDC 1 A. Can also be installed directly in the waterproof housing.
Or with 24 VAC using 4-module DIN rail transformer type 832/024 24 VAC 30 VA.

TYPE 52P0/212

Kit comprising: 1 Day & Night colour camera, Hitachi DSP, Starlight with mechanical filter, 0.0001 lux type 52D0/3, 1 lens type 24/212, 1 waterproof aluminium housing with 12 VDC or 24 VAC thermostatically-controlled heater, housing type 529P/12 and 1 bracket type 529S.

Kit comprising: 1 Day & Night colour camera, Hitachi DSP, Starlight with mechanical filter, 0.0001 lux, 1/3" Sony Super HAD CCD sensor, high resolution up to 620 TV lines, type 52D0/3, 1 VARIFOCAL lens with manual zoom (2.5 to 12 mm - F 1.4) type 24/212, 1 IP 65 waterproof aluminium housing with thermostatically-controlled heater 12 VDC / 24 VAC 10 W max type 529P/12. 1 articulated wall bracket for waterproof housing type 529S.



TYPE 52TP



Compact passive transducer, easy to install, BNC connector for connection to camera, fixing screws for CAT5 cable connection. Maximum distance for colour video 330 m. PAL/NTSC/SECAM/CCIR modes.

Transducer with direct connector. Frequency response: 8 MHz DC 60 dB. Transmission over CAT5 twisted pair cable. Immune to background noise. Attenuation 0.5 dB. BNC connector and fixing screws for twisted pair cable. BNC impedance 75 Ohm. Terminated at 100 Ohm. Operating temperature -10 °C ~ +70 °C. Storage temperature -30 °C ~ +70 °C. Operating humidity 0~95%. Dimensions: (W) 184 x (H) 54 x (D) 60 mm body only. Weight 46 g. Material: ABS plastic.

TYPE 52TP/1



Compact passive transducer, easy to install, 90° BNC connector for special installations to camera, fixing screws for CAT5 cable connection. Maximum distance for colour video 330 m. PAL/NTSC/SECAM/CCIR modes.

Transducer with 90° connector. Frequency response: 8 MHz DC 60 dB. Transmission over CAT5 twisted pair cable. Immune to background noise. Attenuation 0.5 dB. BNC connector and fixing screws for twisted pair cable. BNC impedance 75 Ohm. Terminated at 100 Ohm. Operating temperature -10 °C ~ +70 °C. Storage temperature -30 °C ~ +70 °C. Operating humidity 0~95%. Dimensions: (W) 10 x (H) 10 x (D) 26 mm body only. Weight 46 g. Material: ABS plastic.

TYPE 52TP/2



Compact passive transducer, easy to install, BNC connector with 14 cm coaxial cable for special installations to camera, fixing screws for CAT5 cable connection. Maximum distance for colour video 330 m. PAL/NTSC/SECAM/CCIR modes.

Transducer with BNC connector with 14 cm coaxial cable. Frequency response: 8 MHz DC 60 dB. Transmission over CAT5 twisted pair cable. Immune to background noise. Attenuation 0.5 dB. BNC connector and fixing screws for twisted pair cable. BNC impedance 75 Ohm. Terminated at 100 Ohm. Operating temperature -10 °C ~ +70 °C. Storage temperature -30 °C ~ +70 °C. Operating humidity 0~95%. Dimensions: (W) 10 x (H) 10 x (D) 25 mm body only. Weight 46 g. Material: ABS plastic.

TYPE 52TP/3



Pair of compact passive transducers, easy-to-install transmitter / receiver, BNC connector and connector for camera power supply, RJ45 for CAT5 cable connection. Female / male DC jack for 12 VDC supply voltage. Allows video and power to be transmitted up to 50 m through CAT5 cable. PAL/NTSC/SECAM/CCIR modes.

Transmitter / receiver with option of transmitting video and power through the same CAT5 twisted pair cable. Frequency response: 8 MHz DC 60 dB. Immune to background noise. Attenuation 0.5 dB. BNC connector and RJ45 for twisted pair cable. BNC impedance 75 Ohm. Terminated at 100 Ohm. Operating temperature -10 °C ~ +70 °C. Storage temperature -30 °C ~ +70 °C. Operating humidity 0~95%. Dimensions: (W) 21 x (H) 42 x (D) 21 mm body only. Material: ABS plastic.

TYPE 52TP/4



Passive transducer for rack or wall mounting, 4 BNC connectors with 14 cm coaxial cable for input / output of 4 video signals. RJ45 for CAT5 cable connection. Maximum distance for colour video 330 m, using passive transducers. Using active receivers type 52RA - 52RA/4 - 52RA/8 - 52RA/16 the distance increases to 1500 m. PAL/NTSC/SECAM/CCIR modes.

Transducer with 4 BNC connectors with 14 cm coaxial cable, for transmission/reception of 4 video signals in a single CAT5 twisted pair cable. Frequency response: 8 MHz DC 60 dB. Immune to background noise. Attenuation 0.5 dB. BNC connectors and RJ45 for twisted pair cable. BNC impedance 75 Ohm. Terminated at 100 Ohm. Operating temperature -10 °C ~ +70 °C. Storage temperature -30 °C~ +70 °C. Operating humidity 0~95%. Dimensions: (W) 75 x (H) 25 x (D) 50 mm. Material: ABS plastic.

TYPE 52TP/4A



Passive transducer, 4 BNC connectors for 1 video input signal, 4 video output signals. RJ45 and terminal block for CAT5 cable connection. Maximum distance for colour 330 m, using passive transducers. Using active receivers type 52RA - 52RA/4 - 52RA/8 - 52RA/16 the distance increases to 1500 m. PAL/NTSC/SECAM/CCIR modes.

Transducer with 4 BNC connectors, for transmission/reception of 4 video signals in a single CAT5 twisted pair cable. Frequency response: 8 MHz DC 60 dB. Immune to background noise. Attenuation 0.5 dB. BNC connectors and RJ45 and terminal block for twisted pair cable. BNC impedance 75 Ohm. Terminated at 100 Ohm. Operating temperature -10 °C~ +70 °C. Storage temperature -30 °C~ +70 °C. Operating humidity 0~95%. Dimensions: (W) 105 x (H) 25 x (D) 58 mm. Material: aluminium.

TYPE 52TP/16



Passive transducer for rack installation, 16 BNC connectors for video input. 4 RJ45 and 4 terminal blocks for CAT5 cable connection. Maximum distance for colour 330 m, using passive transducers. Using active receivers type 52RA - 52RA/4 - 52RA/8 - 52RA/16 the distance increases to 1500 m. PAL/NTSC/SECAM/CCIR modes.

Transducer with 16 BNC connectors, for transmission/reception of 16 video signals divided into 4 RJ45 connectors or 4 terminal blocks using CAT5 twisted pair cable. Frequency response: 8 MHz DC 60 dB. Immune to background noise. Attenuation 0.5 dB. BNC connectors and RJ45 for twisted pair cable. BNC impedance 75 Ohm. Terminated at 100 Ohm. Operating temperature -10 °C~ +70 °C. Storage temperature -30 °C~ +70 °C. Operating humidity 0~95%. Dimensions: (W) 430 x (H) 44 x (D) 169 mm. Material: metal Colour: black.

TYPE 52TP/32



Passive transducer for rack installation, 32 BNC connectors for video input. 8 RJ45 for CAT5 cable connection. Maximum distance for colour 330 m, using passive transducers. Using active receivers type 52RA - 52RA/4 - 52RA/8 - 52RA/16 the distance increases to 1500 m. PAL/NTSC/SECAM/CCIR modes.

Transducer with 32 BNC connectors, for transmission/reception of 32 video signals divided into 9 RJ45 connectors using CAT5 twisted pair cable. Frequency response: 8 MHz DC 60 dB. Immune to background noise. Attenuation 0.5 dB. BNC connectors and RJ45 for twisted pair cable. BNC impedance 75 Ohm. Terminated at 100 Ohm. Operating temperature -10 °C ~ +70 °C. Storage temperature -30 °C~ +70 °C. Operating humidity 0~95%. Dimensions: (W) 430 x (H) 44 x (D) 169 mm. Material: metal Colour: black.



TYPE 52TA



Active transmitter for rack or wall mounting. Terminal block connector with 5 terminals, 2 for CAT5 cable connection, 2 for 12 VDC power supply, 1 for ground. 1 BNC for coaxial video input. Maximum distance for colour video combined with active receiver type 52RA is 2400 m. PAL/NTSC/SECAM/CCIR modes.

Active transmitter for rack or wall mounting. Screw connector for connection of CAT5 twisted pair cable, power supply and ground. BNC for video input. Frequency response: 8 MHz DC 60 dB. Immune to background noise. Attenuation 0.5 dB. BNC impedance 75 Ohm. Terminated at 100 Ohm. Supply voltage: 12 VDC. LED power and video indicator. 3 amplification levels. Combined with active receiver type 52RA it is possible to reach a maximum distance of 2400 m for colour video. Up to 16 transmitters can be installed in rack panel type 52TA/Rack. Operating temperature -10°~ +70°. Storage temperature -30°~ +70°. Operating humidity 0~95%. Dimensions: (W) 75 x (H) 25 x (D) 50 mm. Material: ABS plastic.

TYPE 52RA



Active receiver for rack or wall mounting. Terminal block connector with 5 terminals, 2 for CAT5 cable connection, 2 for 12 VDC power supply, 1 for ground. 1 BNC for coaxial video output. Maximum distance for colour video combined with active transmitter type 52TA is 2400 m. PAL/NTSC/SECAM/CCIR modes.

Active receiver for rack or wall mounting. Screw connector for connection of CAT5 twisted pair cable, power supply and ground. BNC for video input. Frequency response: 8 MHz DC 60 dB. Immune to background noise. Attenuation 0.5 dB. BNC impedance 75 Ohm. Terminated at 100 Ohm. Supply voltage 12 VDC, power supply unit purchased separately*. LED power-on and video indicator. 4 micro switches for control of up to 16 amplification levels, and brightness control trimmers for medium and long distances. Combined with the range of passive transducers type 52TP, 52TP/1, 52TP/2, 52TP/4, it is possible to reach a maximum distance of 1500 m. Combined with active transmitter type 52TA it is possible to reach a maximum distance of 2400 m for colour video. Up to 16 receivers can be installed in rack panel type 52TA/Rack. Operating temperature -10°~ +70°. Storage temperature -30°~ +70°. Operating humidity 0~95%. Dimensions: (W) 75 x (H) 25 x (D) 50 mm. Material: ABS plastic.

TYPE 52TA/4



Active transmitter for wall mounting to transmit 4 video signals. RJ45 connector for CAT5 cable connection, terminal block for 12 VDC power supply and for ground. 4 BNC for coaxial video input. Maximum distance for colour video combined with active receiver type 52RA- 52RA/4 is 2400 m. PAL/NTSC/SECAM/CCIR modes.

Active transmitter for wall mounting. RJ45 connector for connection of CAT5 twisted pair cable, power supply and ground. 4 BNC for video input. Frequency response: 8 MHz DC 60 dB. Immune to background noise. Attenuation 0.5 dB. BNC impedance 75 Ohm. Terminated at 100 Ohm. Supply voltage 12 VDC, power supply unit purchased separately*. LED power-on and video indicator. 4 slide micro switches for control of 3 amplification levels. Combined with active receiver type 52RA it is possible to reach a maximum distance of 2400 m for colour video. Operating temperature -10 °C ~ +70 °C. Storage temperature -30 °C ~ +70 °C. Operating humidity 0~95%. Dimensions: (W) 204 x (H) 49 x (D) 103 mm. Material: aluminium.

* The full range of 12 VDC active transducers, transmitters and receivers without power supply unit can be used with power supply unit type 5AA0 - 12 VDC / 600 mA.

TYPE 52RA/4



Active transmitter for wall mounting to receive 4 video signals. RJ45 connector for CAT5 cable connection, terminal block for 12 VDC power supply and for ground. 4 BNC for coaxial video output. Maximum distance for colour video combined with passive transducers is 1500 m, whereas combined with active transmitters type 52TA it is 2400 m. PAL/NTSC/SECAM/CCIR modes.

Active receiver for wall mounting. RJ45 connector for connection of CAT5 twisted pair cable, power supply and ground. 4 BNC for video output. Frequency response: 8 MHz DC 60 dB. Immune to background noise. Attenuation 0.5 dB. BNC impedance 75 Ohm. Terminated at 100 Ohm. Supply voltage 12 VDC, power supply unit purchased separately*. LED power-on and video indicator. 4 micro switches for control of up to 16 amplification levels, 4 brightness control trimmers for medium and long distances. Combined with the range of passive transducers type 52TP, 52TP/1, 52TP/2, 52TP/4, it is possible to reach a maximum distance of 1500 m. Combined with active transmitter type 52TA it is possible to reach a maximum distance of 2400 m for colour video. Operating temperature -10 °C ~ +70 °C. Storage temperature -30 °C ~ +70 °C. Operating humidity 0~95%. Dimensions: (W) 204 x (H) 49 x (D) 103 mm. Material: aluminium.

TYPE 52TA/DT



Transmitter for wall mounting. Transmits video, receives/transmits RS485 data and power. Linked to receiver type 52RA/DT. Terminal block connector with 3 terminals, 2 for data, 1 for ground. RJ45 for CAT5 cable. 1 BNC for coaxial video input. Maximum distance for colour video combined with active receiver type 52RA/DT is 1500 m. PAL/NTSC/SECAM/CCIR modes.

Transmitter for wall mounting. RJ45 connector for connection of CAT5 twisted pair cable, terminal block with 3 terminals for data and ground. BNC for video input. Lead for camera power supply output, for this function read the detailed instructions. Frequency response: 8 MHz DC 60 dB. Immune to background noise. Attenuation 0.5 dB. BNC impedance 75 Ohm. Terminated at 100 Ohm. Combined with active receiver type 52RA/DT it is possible to reach a maximum distance of 1500 m for colour video. Operating temperature -10 °C ~ +70 °C. Storage temperature -30 °C ~ +70 °C. Operating humidity 0~95%. Dimensions: (W) 105 x (H) 29 x (D) 58 mm. Material: aluminium.

TYPE 52RA/DT



Active receiver for wall mounting. Receives video signal, receives/transmits RS485 data and transmits power. Linked to transmitter type 52TA/DT. Terminal block connector with 3 terminals, 2 for data, 1 for ground. RJ45 for CAT5 cable. 1 BNC for coaxial video output. Maximum distance for colour video combined with transmitter type 52TA/DT is 1500 m. PAL/NTSC/SECAM/CCIR modes.

Receiver for wall mounting. RJ45 connector for connection of CAT5 twisted pair cable, terminal block with 3 terminals for data and ground. BNC for video input. Connector for 12 or 36 VDC supply voltage, power supply unit purchased separately*. For this function read the detailed instructions. 4 micro switches for control of up to 16 amplification levels, and brightness control trimmers, for medium and long distances. LED power-on and video indicator. Frequency response: 8 MHz DC 60 dB. Immune to background noise. Attenuation 0.5 dB. BNC impedance 75 Ohm. Terminated at 100 Ohm. Combined with transmitter type 52TA/DT it is possible to reach a maximum distance of 1500 m for colour video. Operating temperature -10 °C ~ +70 °C. Storage temperature -30 °C ~ +70 °C. Operating humidity 0~95%. Dimensions: (W) 105 x (H) 29 x (D) 58 mm. Material: aluminium.

* The full range of 12 VDC active transducers, transmitters and receivers without power supply unit can be used with power supply unit type 5AA0 - 12 VDC / 600 mA.



TYPE 52RA/8



Active transmitter for wall mounting to receive 8 video signals. 2 RJ45 connectors for CAT5 cable connection. Supply voltage 90 to 260 VAC. 8 + 8 BNC loop through for coaxial video output. Maximum distance for colour video combined with passive transducers is 1500 m, whereas combined with active transmitters type 52TA – 52TA/4 it is 2400 m. PAL/NTSC/SECAM/CCIR modes.

Active receiver for reception of up to 8 video signals. 2 RJ45 connectors for CAT5 twisted pair cable connection. 8+8 BNC loop-through for video output. Frequency response: 8 MHz DC 60 dB. Immune to background noise. Attenuation 0.5 dB. BNC impedance 75 Ohm. Terminated at 100 Ohm. Supply voltage 90 to 240 VAC. LED power-on and video indicator. 8 micro switches for control of up to 16 amplification levels, 8 brightness control trimmers for medium and long distances. Combined with the range of passive transducers type 52TP, 52TP/1, 52TP/2, 52TP/4, it is possible to reach a maximum distance of 1500 m. Combined with active transmitter type 52TA, 52TA/4 it is possible to reach a maximum distance of 2400 m for colour video. Operating temperature -10 °C ~ +70 °C. Storage temperature -30 °C ~ +70 °C. Operating humidity 0~95%. Dimensions: (W) 430 x (H) 44 x (D) 169 mm, not including BNC connectors. Material: metal Colour: black.

TYPE 52RA/16



Active transmitter for wall mounting to receive 16 video signals. 4 RJ45 connectors for CAT5 cable connection. Supply voltage 90 to 260 VAC. 16 + 16 BNC loop through for coaxial video output. Maximum distance for colour video combined with passive transducers is 1500 m, whereas combined with active transmitters type 52TA – 52TA/4 it is 2400 m. PAL/NTSC/SECAM/CCIR modes.

Active receiver for reception of up to 16 video signals. 4 RJ45 connectors for CAT5 twisted pair cable connection. 8+8 BNC loop-through for video output. Frequency response: 8 MHz DC 60 dB. Immune to background noise. Attenuation 0.5 dB. BNC impedance 75 Ohm. Terminated at 100 Ohm. Supply voltage 90 to 240 VAC*. LED power-on and video indicator. 16 micro switches for control of up to 16 amplification levels, 16 brightness control trimmers for medium and long distances. Combined with the range of passive transducers type 52TP, 52TP/1, 52TP/2, 52TP/4, it is possible to reach a maximum distance of 1500 m. Combined with active transmitter type 52TA, 52TA/4 it is possible to reach a maximum distance of 2400 m for colour video. Operating temperature -10 °C ~ +70 °C. Storage temperature -30 °C ~ +70 °C. Operating humidity 0~95%. Dimensions: (W) 430 x (H) 44 x (D) 169 mm, not including BNC connectors. Material: metal Colour: black.

TYPE 52TA/Rack



1-module rack panel for insertion of active transducers type 52TA – 52RA – passive transducers type 52TP/4.



RS485 video isolators and repeaters

TYPE 52GL



Video ground loop isolator, eliminates annoying ground loop interference when two points connected from the coax are at different ground potentials.

Male and female BNC connector with 15 cm lead on each side. No power input required. Ultra low loss 0.5 dB. Input/output resistance 75 Ohm. Frequency response 0 - 3 dB at 10 MHz. Isolation voltage 600 VDC. Isolation resistance 100 Ohm. Dimensions: (W) 84 x (H) 21 x (D) 28 mm. Two 250 mm leads with BNC connectors. Material ABS, colour black.

TYPE 52GB



Video ground loop isolator, eliminates annoying ground loop interference when two points connected from the coax are at different ground potentials. Balun coaxial cable specifically for DVR.

This filter is ideal for eliminating interference on DVRs. TYPE: unbalanced synchronisation due to weak signals, or due to different impedances between two transmission points. Male and female BNC connector with 15 cm lead on each side. No power input required. Ultra low loss 0.5 dB. Input/output resistance 75 Ohm. Frequency response from 0 to 3 dB at 10 MHz. Isolation voltage 600 VDC. Isolation resistance 100 Ohm. Dimensions: (W) 84 x (H) 21 x (D) 28 mm. Two 250 mm leads with BNC connectors. Material ABS, colour black.

TYPE 52RS



RS485 digital data repeater. Doubles communication distance up to 1200 m. Uses screw terminal blocks, 12 VDC supply voltage. Includes power supply unit. Auto baud rate selection up to 115.2 Kbps. Isolation protection up to 2.5 kV. Surge protection.

Digital signal repeater with input/output terminal block. Jack connector for 12 VDC supply voltage, LED power indicator. RS485 terminated at input. Supply voltage 12 VDC +10~20V 350 mA. Includes power supply unit 12 VDC 500 mA. Operating temperature from 0° to 55 °C. Storage temperature from - 20 °C to 85 °C. Humidity 95%. Dimensions: (W) 88 x (H) 27.5 x (D) 67 mm. Weight 120 g. Material: Metal Colour: black.

Video converter

TYPE 52CV



Analogue to digital video converter. BNC – VGA/SVGA/XGA/SXGA.

Analogue to digital video converter. Video format PAL/NTSC auto switch. VGA resolution 800x600/1024x768/1280x1024 selectable (VGA/SVGA- XGA-SXGA). Frequency VGA 50/60/70/75 Hz. BNC video input. VGA output 15-pin D-Subx1. Supply voltage 12 VDC / 300 mA same as the monitor, power cord supplied. Dimensions: (W) 75 x (H) 25 x (D) 100 mm. Weight 300 g.



RS485 distributors

TYPE 52DS/4



RS485 distributor can transmit up to 1200 m over CAT5 twisted pair cable. Protection against electrostatic discharge. Isolated inputs and outputs. Possibility of cascade connection with other distributors. Can simultaneously control up to 4 speed dome devices with different IDs.

Distributor for 4 terminated RS485 outputs. 3 inputs of which 2 / RS485 – 1/ RS232. The three inputs can be in standby at the same time. One keypad can be inserted at a time. Supply voltage 12 VDC input current 350 mA. Includes power supply unit 12 VDC 500 mA*. Operating temperature 0° to +45°. Dimensions: (W) 133 x (H) 44 x (D) 76 mm. Weight 425 g. Material: Metal Colour: black.

TYPE 52DS/8



RS485 distributor can transmit up to 1200 m over CAT5 twisted pair cable. Protection against electrostatic discharge. Isolated inputs and outputs. Possibility of cascade connection with other distributors. Can simultaneously control up to 8 speed dome devices with different IDs.

Distributor for 8 terminated RS485 outputs. 3 inputs of which 2 / RS485 – 1/ RS232. The three inputs can be in standby at the same time. One keypad can be inserted at a time. Supply voltage 12 VDC input current 350 mA. Includes power supply unit 12 VDC 500 mA*. Operating temperature 0° to +45°. Dimensions: (W) 482 x (H) 44 x (D) 100 mm. (1 rack unit). Weight 1050 g. Material: Metal Colour: black.

TYPE 52DS/16



RS485 distributor can transmit up to 1200 m over CAT5 twisted pair cable. Protection against electrostatic discharge. Isolated inputs and outputs. Possibility of cascade connection with other distributors. Can simultaneously control up to 16 speed dome devices with different IDs.

Distributor for 16 terminated RS485 outputs. 3 inputs of which 2 / RS485 – 1/ RS232. The three inputs can be in standby at the same time. One keypad can be inserted at a time. Supply voltage 12 VDC input current 350 mA. Includes power supply unit 12 VDC 500 mA*. Operating temperature 0° to +45°. Dimensions: (W) 482 x (H) 44 x (D) 100 mm. (1 rack unit). Weight 1100 g. Material: Metal Colour: black.



TYPE 5288/023

Straight BNC solder connector.

Straight BNC male solder connector for coaxial cables RG59, RG179 and cable type 0002/060.



TYPE 5288/024

90° BNC solder connector.

90° BNC male solder connector for coaxial cables RG59, RG179 and cable type 0002/060.



TYPE 5288/BNC

Male BNC crimp connector for RG59 coaxial cables.

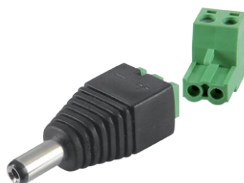
BNC male crimp connector for coaxial cables RG59, RG179 and cable type 0002/060.



TYPE 5288/VIT

Male BNC connector for RG59 cables with easy screw-on installation.

BNC male screw connector for coaxial cables RG59, RG179 and cable type 0002/060.



TYPE 5288/A27

Plug for 12 VDC power supply with screw terminals

Connector for 12 VDC supply voltage.

TYPE 0002/060



75 Ohm shielded cable in 200 metre roll.

Video cable in PVC NPI CEI 20-22 II CEI 20-35 CEI 20-37 I, with 75 Ohm coaxial cable in 200 m roll, cable diameter 3 mm².

TYPE 0002/063



Cable with two 0.35 mm² conductors and one 75 Ohm shielded wire in 200 metre roll.

Cable in PVC NPI 12-48V CEI 20-200 II. CEI 20-35. CEI 20-37 I with 75 Ohm shielded wire and two 0.35 mm² conductors, in 200 metre roll.

TYPE 0002/163



Cable with two 0.70 sq. mm conductors and one 75 Ohm shielded wire in 200 metre roll.

Cable in PVC NPI 12-48V CEI 20-200 II. CEI 20-35. CEI 20-37 I with 75 Ohm shielded wire and two 0.75 mm² conductors, in 200 metre roll.

TYPE 522C/3



Cable with connectors for connecting CCTV kit type 5226/1.

20m cable for connecting camera with connectors.

TYPE 5297/12



Kit complete with thermostatically-controlled heater for waterproof housing type 529P supply voltage 12 VDC - 24 VAC, 10 W



TYPE RT01

Adhesive "Area Under Surveillance" sticker in white PVC, dimensions 230x130 mm.

TYPE RT03

"Area Under Surveillance" sign in polypropylene (PPB), dimensions 230x130 mm

TYPE 5280



Automatic/manual sequential switcher for B/W and colour video signal with 8 video inputs and 8 alarm inputs, selectable buzzer alarm.

Sequential switcher with video input 1Vpp / 75 Ohm 8 camera inputs. Video output: alarm / automatic – 1Vpp / 75 Ohm Video gain From attenuation to amplifier: from 0.8Vpp to 1.4 Vpp. Video bandwidth 20 MHz + 3 dB to – 3 dB. Crosstalk Better than 48 dB. Channel switch Bypass / Auto / Home. Interval Approx. 1 to 15 seconds. Video connector BNC.. video input. max 2. Vpp. 8 alarm, one alarm output COM / NC / NO. Alarm hold time approx. 3 ~ 50 seconds. Alarm time setting Trimmer on rear panel: short / long. Alarm setting switch. Buzzer OFF side: alarm. buzzer off. ON side: alarm on. ON side (= no alarm). Alarm priority operation CHANNEL alarm takes precedence even over BYPASS or AUTO or HOME setting. Red LED power indicator light. Operating temperature - 5 °C ~ + 60 °C. power consumption 3 W. Supply voltage 110 VAC / 60 Hz 230 VAC / 50 Hz Material: steel. Grey enamel finish. Dimensions 218 mm (W) x 44 mm (A) x 97 mm (D). Weight 830 g.

TYPE 52F1



Microphone for audio applications, compatible with the entire camera range.

Connectors: JACK power IN 12 VDC RCA audio signal. Input voltage 12 VDC ±10% Can be powered using power supply unit type 5AA0.

TYPE 52F2



Microphone for audio applications, compatible with the full range of cameras operating off 12 VDC supply.

Connectors: JACK power IN 12 VDC. JACK power OUT 12 VDC power supply to camera. RCA audio signal. BNC video signal. Supply voltage 12 VDC ±10%, power supply to camera also provides power for microphone.



TYPE 522V

5.6" colour TFT/LCD monitor. For use as video tester. 2 video inputs, 2 audio inputs, faux leather case. Rechargeable battery pack supplied.

Colour video tester with 5.6" screen and 230 VAC 2/13 VDC backup battery. Equipped with: 2 video and audio inputs, image mirror function, OSD function for display of adjustments.

Includes power supply unit 12 VDC 1 A.
Dimensions: (W) 160 x (H) 133 x (D) 37 mm.

TYPE 522P



2.36" colour TFT/LCD monitor. For use as video tester. 2 BNC connectors for video input and output. Supplied with two Velcro wrist straps and a shoulder strap. Faux leather case with sun hood, 6 AA batteries supplied. Lead for connection to external power supply unit (not supplied) 7~12 VDC 140 mA.

2.36" TFT/LCD screen with touch panel. Resolution 480x234. Display area 48.0 (H) X 35.685 (V). Dot pitch 0.1 (H) x 0.1525 (V). Colour configuration RGB Delta. LED backlighting. Input signal PAL/NTSC with automatic switching, composite video 1.0Vpp 75 Ohm, negative. BNC input and output connectors, auto termination. Angle of view 10/50/40/40. Luminance (cd/m²) 250. Contrast ratio 200:1. Response time 15Tr / 35Tf ms. Controls. Brightness, colour, ON/OFF switch. Supply voltage 9 ~12 VDC power consumption 140 mA at 12 VDC – 1.7 W**. Dimensions: (W) 133 x (H) 71 x (D) 37 mm. Operating temperature 0° to 60°. Operating humidity 85%. Storage temperature -20 °C~+50 °C. Storage humidity 85%. Weight 395 g. **Power supply unit purchased separately.**

** Power supply unit not included, can be used with power supply unit type 5AA6 - 12 VDC / 1.25 A.



TYPE 0002/025	Lens with 25 mm focal length, 1.4 F aperture, C mount and manual iris	*
TYPE 0002/060	75 Ohm shielded cable in 200 metre roll	106
TYPE 0002/060.500	75 Ohm shielded cable in 500 metre roll	*
TYPE 0002/063	Cable with two 0.35 mm ² conductors and one 75 Ohm shielded wire in 200 metre roll	106
TYPE 0002/163	Cable with two 0.70 mm ² conductors and one 75 Ohm shielded wire in 200 metre roll	106
TYPE 0002/163,500	Cable with two 0.70 mm ² conductors and one 75 Ohm shielded wire in 500 metre roll	*
TYPE 0002/308	3.5 - 8 mm VARI-FOCAL lens with 1.8 F aperture, CS mount and manual iris	72
TYPE 0002/5M5	5 - 15 mm VARI-FOCAL lens with 1.8 F aperture, CS mount and manual iris	72
TYPE 0002/612	3.5 - 8 mm VARI-FOCAL lens with 1.4 F aperture, C mount and manual iris	72
TYPE 0002/106	Lens with 6 mm focal length, 1.2 F aperture, C mount and manual iris	*
TYPE 0002/116	Lens with 16 mm focal length, 1.4 F aperture, C mount and manual iris	*
TYPE 0002/S03	Lens with 3 mm focal length, 1.3 F aperture, CS mount and manual iris	*
TYPE 0002/S04	Lens with 4 mm focal length, 1.3 F aperture, CS mount and manual iris	*
TYPE 0002/S08	Lens with 8 mm focal length, 1.4 F aperture, CS mount and manual iris	*
TYPE 0022/003	Lens with 3 mm focal length, 1.4 F aperture, C mount and auto-iris	*
TYPE 0022/005	Lens with 5.6 mm focal length, 1.3 F aperture, C mount and auto-iris	*
TYPE 0022/006	Lens with 6 mm focal length, 1.3 F aperture, C mount and auto-iris	*
TYPE 0022/012	Lens with 12.5 mm focal length, 1.3 F aperture, C mount and auto-iris	*
TYPE 0022/016	Lens with 16 mm focal length, 1.3 F aperture, C mount and auto-iris	*
TYPE 0022/025	Lens with 25 mm focal length, 1.3 F aperture, C mount and auto-iris	*
TYPE 0022/050	Lens with 50 mm focal length, 1.3 F aperture, C mount and auto-iris	*
TYPE 0022/308	3 - 8 mm VARI-ZOOM lens with 1.4 F aperture, CS mount and auto-iris	72
TYPE 0022/612	6-12 mm VARI-ZOOM lens with 1.4 F aperture, C mount and auto-iris	72
TYPE 0022/C00	Control panel for 22/Z00	*
TYPE 0022/S04	Lens with 4 mm focal length, 1.4 F aperture, CS mount and auto-iris	*
TYPE 0022/S08	Lens with 8 mm focal length, 1.3 F aperture, CS mount and auto-iris	*
TYPE 0023/308	Varifocal, unamplified manual zoom lens with auto-iris	73
TYPE 0023/515	5 - 15 mm varifocal lens with auto-iris	73
TYPE 0023/550	Varifocal, unamplified manual zoom lens with auto-iris	73
TYPE 0024/212	Varifocal unamplified manual zoom DC Drive lens with auto-iris	73
TYPE 0024/660	Varifocal unamplified manual zoom DC Drive lens with auto-iris	73
TYPE 0832/024	Transformer 24V 30 W	76
TYPE 170/051	Video signal switching relay	*
TYPE 170T	Timed relay	*
TYPE 50A0	B/W mini-camera with 3.6 mm waterproof lens complete with bracket	63
TYPE 50A2	Day & Night indoor colour video camera. Compact dimensions. Supply voltage 12 VDC. Medium resolution. 1/4" CCD sensor	60
TYPE 50A3	Mini colour video camera with aluminium mini bracket. 1/4" CCD sensor. 3.7 mm pinhole lens	60
TYPE 50A4	Flush-mounted mini colour video camera in aluminium. 1/4" CCD sensor. 3.7 mm pinhole lens	60
TYPE 51D3/10	Indoor speed dome IP camera	38
TYPE 51D3/E36	Outdoor speed dome IP camera	36
TYPE 51D3/EIP	Indoor/outdoor speed dome IP camera	37
TYPE 5208	Colour desktop monitor with 8" screen with one VGA input	78
TYPE 5210	Desktop monitor with 10.2" high-resolution LCD TFT screen, 16:9 aspect ratio. OSD control. Video inputs: 2 AV, 1 VGA-SVGA, 1 S-Video.	78
TYPE 5212/C56	Colour desktop monitor with 5.6" TFT LCD screen with 2 video inputs and 1 audio input, includes 12 VDC power supply unit.	78
TYPE 5217/1	17" active matrix LCD colour monitor. 12 Volt supply voltage with power supply unit included. Adjustable colour temperature. 2D comb filter.	78
TYPE 5217/H	17" active matrix LCD high-resolution colour monitor, 12 volt supply voltage with power supply unit included.	79
TYPE 5217/SB	Professional 17" LCD TFT desktop monitor OSD control. Video inputs: 1 VGA/SVGA/XGA/SXGA, 1 DVI.	79
TYPE 5219/1	19" active matrix LCD colour monitor. 12 Volt supply voltage with power supply unit included.	79
TYPE 5219/VGA	Professional 19" LCD TFT desktop monitor OSD control. Video inputs: 1 VGA/SVGA/XGA/SXGA, 1 DVI.	79
TYPE 522P	2.36" TFT/LCD monitor for use as video tester 2 BNC connectors for video input and output	107
TYPE 522T/3	B/W camera for CCTV kit type 5226/1, wide-angle lens and waterproof housing	63
TYPE 522V	LCD colour monitor (video tester).	107
TYPE 523H/404	Digital video recorder with 4 inputs. Without HDD. Up to 1 x 1 TB HDD can be installed.	89
TYPE 524B	Control panel for types 528B and 528D	*
TYPE 524H/263	Digital video recorder with 16 inputs. 160 GB HDD.	*
TYPE 524H/404	Digital video recorder with 4 inputs. Professional 250GB HDD, dedicated line to DVRs. Up to 1 x 1 TB HDD can be installed.	89
TYPE 524H/524	Digital video recorder with 4 inputs and 1 audio. Professional 320GB HDD, dedicated line to DVRs	88
TYPE 524H/526	Digital video recorder with 16 inputs and 1 audio. Professional 320GB HDD, dedicated line to DVRs	90
TYPE 524H/528	Digital video recorder with 8 inputs and 1 audio. Professional 320GB HDD, dedicated line to DVRs	89
TYPE 524H/58D	Digital video recorder with 8 inputs and 1 audio. Professional 320GB HDD, dedicated line to DVRs	89
TYPE 524H/615	Digital video recorder with 4 inputs and 15" TFT LCD monitor. Seagate 250GB HDD dedicated line to DVRs.	91
TYPE 524H/626	Digital video recorder with 16 inputs and 1 audio. Professional 250GB HDD, dedicated line to DVRs	92
TYPE 524H/816	Digital video recorder with 16 video inputs and 16 audio inputs. CD/DVR/RW burner. 250GB HDD.	94
TYPE 524H/878	Digital video recorder with 8 video inputs and 8 audio inputs. CD/DVR/RW burner. Seagate 250GB HDD dedicated line to DVRs.	93

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TYPE 5250	50 W infrared spotlight with illumination angle of 10°.	74
TYPE 5250/L	Infrared LED spotlight with built-in twilight sensor.	74
TYPE 5251	50 W infrared spotlight with illumination angle of 30°.	74
TYPE 5251/L	Infrared LED spotlight with built-in twilight sensor.	74
TYPE 5253/4	Digital video recorder with 4 IP video inputs. 500 GB HDD.	16
TYPE 5254/4	Digital video recorder with 4 IP video inputs. 500 GB HDD	20
TYPE 5254/A4	Digital video recorder with 4 analogue video inputs. 500 GB HDD	20
TYPE 5254/A8	Digital video recorder with 8 analogue video inputs. 500 GB HDD	20
TYPE 5255/4	Digital video recorder with 4 IP video inputs. 500 GB HDD.	26
TYPE 5255/14	Digital video recorder with 4 analogue and IP video inputs. 500 GB HDD	26
TYPE 5255/18	Digital video recorder with 8 analogue and IP video inputs. 500 GB HDD	26
TYPE 525A	Mini-matrix with 8 inputs	*
TYPE 525B	Mini-matrix with 16 inputs	*
TYPE 525C	Panel with 12 keys	*
TYPE 525D	Panel with 23 keys	*
TYPE 525G/1VA	Digital video recorder for licence plate recognition for 1 access point	30
TYPE 525G/1VP	Digital video recorder for reading vehicle licence plates for 1 access point	30
TYPE 525G/2VA	Digital video recorder for licence plate recognition for 2 access points	30
TYPE 525G/2VP	Digital video recorder for reading vehicle licence plates for 2 access point	30
TYPE 525G/3VA	Digital video recorder for licence plate recognition for 3 access points	30
TYPE 525G/3VP	Digital video recorder for reading vehicle licence plates for 3 access points	30
TYPE 525G/4VA	Digital video recorder for licence plate recognition for 4 access points	30
TYPE 525G/4VP	Digital video recorder for reading vehicle licence plates for 4 access points	30
TYPE 525H/404	Digital video recorder with 4 video inputs, 500GB HDD	*
TYPE 525H/524	Digital video recorder with 4 video inputs, LAN network, 500GB HDD	*
TYPE 525H/526	Digital video recorder with 16 video inputs, LAN network, 500GB HDD	*
TYPE 525H/528	Digital video recorder with 8 video inputs, LAN network, 500GB HDD	*
TYPE 525H/58D	Digital video recorder with 8 video inputs, LAN network, 500GB HDD	*
TYPE 525H/626	Digital video recorder with 16 video inputs, LAN network, 500GB HDD	*
TYPE 525H/816	Digital video recorder with 16 video inputs, burner, 500GB HDD	*
TYPE 525H/878	Digital video recorder with 8 video inputs, burner, 500GB HDD	*
TYPE 525W	Apparatus for digital transmission with built-in antenna, band 5.7Ghz	*
TYPE 5280	Automatic/manual sequential switcher for B/W and colour video signal with 8 video inputs and 8 alarm inputs	107
TYPE 5286/8	Digital video recorder with 8 IP video inputs, 1TB HDD	22
TYPE 5286/A16	Digital video recorder with 16 analogue video inputs. 500 GB HDD	22
TYPE 5286/A32	Digital video recorder with 32 analogue video inputs. 500 GB HDD	22
TYPE 5286/A8	Digital video recorder with 8 analogue video inputs. 500 GB HDD	22
TYPE 5287/8	Digital video recorder with 8 IP video inputs. 1 TB HDD	28
TYPE 5287/I16	Digital video recorder with 16 analogue and IP video inputs. 1 TB HDD	28
TYPE 5287/I32	Digital video recorder with 32 analogue and IP video inputs. 1 TB HDD	28
TYPE 5287/I8	Digital video recorder with 8 analogue and IP video inputs. 500 GB HDD	28
TYPE 5288/002	Bracket mount for pole	*
TYPE 5288/005	Bracket for type 5000	*
TYPE 5288/007	Wall bracket for 12" - 17" monitor	*
TYPE 5288/008	Bracket for type 5A20, white finish	*
TYPE 5288/016	Articulated camera bracket for wall mounting.	70
TYPE 5288/016.05	Articulated camera bracket for wall mounting.	71
TYPE 5288/017	Articulated camera bracket for ceiling mounting.	71
TYPE 5288/023	Straight BNC solder connector.	105
TYPE 5288/024	90° BNC solder connector.	105
TYPE 5288/028	Wall bracket, supports 15-30° LCD/TFT monitor.	80
TYPE 5288/029	Compact wall bracket.	71
TYPE 5288/030	Medium-sized wall bracket.	71
TYPE 5288/031	Wall bracket.	71
TYPE 5288/032	Wall bracket with extension up to 60 mm.	71
TYPE 5288/033	Wall bracket for cameras	*
TYPE 5288/034	Wall and ceiling bracket for cameras	*
TYPE 5288/A27	Plug for 12 VDC power supply with screw terminals.	105
TYPE 5288/BNC	Male BNC crimp connector for RG59 coaxial cables.	105
TYPE 5288/S28	Wall or ceiling bracket, supports 15-30° LCD/TFT monitor.	80
TYPE 5288/VIT	Male BNC screw connector for RG59 coaxial cables.	105
TYPE 528B	Indoor pan and tilt	*
TYPE 528C	Outdoor pan	*
TYPE 528D	Outdoor pan and tilt	*

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TYPE 528E	Outdoor pan and tilt	*
TYPE 528H/404	Digital video recorder with 4 inputs. 1TB HDD	*
TYPE 528H/524	Digital video recorder with 4 inputs. 1TB HDD	*
TYPE 528H/526	Digital video recorder with 16 inputs. 1TB HDD	*
TYPE 528H/528	Digital video recorder with 8 inputs. 1TB HDD	*
TYPE 528H/626	Digital video recorder with 16 inputs. 1TB HDD	*
TYPE 528H/816	Digital video recorder with 16 inputs. Burner, 1TB HDD	*
TYPE 528H/878	Digital video recorder with 8 inputs. 1TB HDD	*
TYPE 5297/002	Thermostatically-controlled heater for type 5298/160 230 V	*
TYPE 5297/004	Thermostatically-controlled heater for type 5299	*
TYPE 5297/005	Thermostatically-controlled heater for type 5299/001 24V	*
TYPE 5297/006	Thermostatically-controlled heater for type 5299/002	*
TYPE 5297/007	Thermostatically-controlled heater for type 5298/025	*
TYPE 5297/12	Kit complete with thermostatically-controlled heater for waterproof housing type 529P supply voltage 12-24 VDC/VAC.	106
TYPE 5298/025.14	Outdoor housing for CCTV cameras with thermostatically-controlled heater and bracket	*
TYPE 5298/035.14	Outdoor housing for CCTV cameras with thermostatically-controlled heater, with bracket	*
TYPE 5298/1	Outdoor housing for speed dome CCTV cameras	*
TYPE 5298/POE	Outdoor housing POE	*
TYPE 5299	White outdoor housing for CCTV cameras with thermostatically-controlled heater and bracket	*
TYPE 5299/001	Outdoor housing for CCTV cameras with thermostatically-controlled heater.	70
TYPE 5299/002	Outdoor housing, 350 mm, for CCTV cameras with thermostatically-controlled heater.	*
TYPE 5299/004	Waterproof housing for camera with protected cable passage system.	70
TYPE 5299/POE	Waterproof housing for camera with protected cable passage system.]
TYPE 529A	Pole mount for waterproof housings type 529P/529S.	70
TYPE 529A/17	Pole mount for waterproof housings type 52D0/8 - 52D0/E8	70
TYPE 529B	Pole mount with adapter for speed dome waterproof housing.	69
TYPE 529C	Bracket with hooks for speed dome camera	*
TYPE 529F	Corner bracket	69
TYPE 529H/524	Digital video recorder with 4 inputs. 2TB HDD	*
TYPE 529H/526	Digital video recorder with 16 inputs. 2TB HDD	*
TYPE 528H/528	Digital video recorder with 8 inputs. 2TB HDD	*
TYPE 529P	Waterproof aluminium housing with thermostatically-controlled heater. Bracket not supplied.	70
TYPE 529P/12	Waterproof aluminium housing with thermostatically-controlled heater. Bracket not supplied. 12 VDC	70
TYPE 529S	Articulated wall bracket for housing 529P.	70
TYPE 529S/7M	Wall bracket for speed dome camera	51
TYPE 529S/7S	Ceiling bracket for speed dome camera	51
TYPE 529S/8	Curved bracket for speed dome camera	51
TYPE 52A1	DSP colour vandalproof mini dome camera. Supply voltage 12 VDC. Ultra high resolution. 1/3" Sony Super HAD sensor	61
TYPE 52A1/5	Ring for suspended-ceiling installation of cameras type 52D1/5	69
TYPE 52A2	DSP colour mini dome camera. Supply voltage 12 VDC. Medium resolution. 1/3" Sony Super HAD sensor	61
TYPE 52A3	DSP colour mini dome camera. Supply voltage 12 VDC. Ultra high resolution. 1/3" Sony Super HAD sensor	*
TYPE 52A3/I	DSP colour mini dome camera. Supply voltage 12 VDC. Ultra high resolution. 1/3" Sony Super HAD sensor	62
TYPE 52AM	Video signal amplifier for coaxial cable	76
TYPE 52B2	DSP colour mini dome camera. Supply voltage 12 VDC. Medium resolution. 1/3" Sony Super HAD sensor	61
TYPE 52CV	Analogue to digital video converter. BNC - VGA/SVGA/XGA/SXGA	103
TYPE 52D0	Day & Night colour camera. 1/3" SONY sensor.	103
TYPE 52D0/1	Day & Night colour camera. 1/3" SONY sensor. Ultra high resolution. OSD control. Camera titling.	54
TYPE 52D0/2	Day & Night colour camera. 1/3" SONY sensor. High resolution. OSD control. Camera titling. Varifocal	54
TYPE 52D0/3	Day & Night colour camera. 1/3" SONY STAR LIGHT sensor. Ultra high resolution. DNR	53
TYPE 52D0/8	Day & Night small dome indoor colour video camera	67
TYPE 52D0/E8	Day & Night small dome outdoor colour video camera	67
TYPE 52D1/5	Day & Night colour camera. DSP mini speed dome. 1/4" Sony Exview sensor. Ultra high resolution	65
TYPE 52D1/6	Day & Night colour camera. DSP mini speed dome. 1/4" Sony Exview sensor. Ultra high resolution. Vandalproof	66
TYPE 52D1/6T	Day & Night colour camera. DSP mini speed dome. 1/4" Sony Exview sensor. Ultra high resolution. Vandalproof	66
TYPE 52D1/E5	Day & Night colour camera. DSP outdoor speed dome. 1/4" Sony Exview sensor. Ultra high resolution	65
TYPE 52D8/5	Keypad for controlling speed dome camera, compatible with all cameras	68
TYPE 52D8/6	Keypad for controlling speed dome camera, for speed dome type 52D1/5 - 52D1/E5 - 52D1/6 - 52D1/6T	68
TYPE 52D8/8	Keypad for controlling small dome camera, with 3-axis function	68
TYPE 52DM	B/W CCIR camera, DSP. Supply voltage 85 to 265 VAC, 40-400 Hz. 1/3" SONY SUPER HAD sensor	63
TYPE 52DN	Day & Night colour camera. DSP. Supply voltage 85 to 265 VAC, 40-400 Hz. 1/3" SONY SUPER HAD sensor	52
TYPE 52DN/IR	Day & Night colour camera. DSP. Supply voltage 85 to 265 VAC, 40-400 Hz. 1/3" SONY EXVIEW sensor	52
TYPE 52DS/16	RS485 distributor for 16 speed dome devices	104
TYPE 52DS/4	RS485 distributor for 4 speed dome devices	104
TYPE 52DS/8	RS485 distributor for 8 speed dome devices	104

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TYPE 52DT	Day & Night colour camera, DSP. Supply voltage 85 to 265 VAC, 40-400 Hz. 1/3" SONY EXVIEW sensor	53
TYPE 52DV/4	Video distributor with 4 outputs for coaxial cable	76
TYPE 52DV/8	Video distributor with 8 outputs for coaxial cable	76
TYPE 52F1	Microphone for audio applications, compatible with the entire 12 VDC camera range	107
TYPE 52F2	Microphone for audio applications, compatible with the entire 12 VDC camera range	107
TYPE 52GB	Video ground loop isolator Balun coaxial cable specifically for DVRs	103
TYPE 52GL	Video ground loop isolator	103
TYPE 52HD/1T	Expansion 1 TB HDD	32
TYPE 52IP	Colour camera for TCP IP connection over LAN network. Supply voltage 12 VDC. Includes power supply unit	64
TYPE 52IW	Indoor IP video camera with 1/4" Sony CMOS sensor	64
TYPE 52JO	USB joystick for remote operation of PTZ video cameras	32
TYPE 52L2	Day & Night colour camera. Indoor mini dome. Supply voltage 12 VDC. Medium resolution. 1/3" SHARP sensor.	60
TYPE 52L3	Day & Night colour camera. DSP. Mini dome. Supply voltage 12 VDC. Medium resolution. 1/3" Sony sensor	59
TYPE 52L4	Day & Night colour camera. DSP. Mini dome. Supply voltage 12 VDC. High resolution. 1/3" Sony sensor	59
TYPE 52LZ/01T	Optional 1 TB capacity	32
TYPE 52LZ/1CC	Expansion for 1 additional simultaneous connection	32
TYPE 52LZ/1UA	Expansion for 1 additional user	32
TYPE 52LZ/3C1	Licence for 1 additional channel from 5 to 12	32
TYPE 52LZ/3C4	Expansion for 4 additional IP licences	32
TYPE 52LZ/3U	Expansion for 3 additional users	32
TYPE 52LZ/3UC	Expansion for 3 additional users and one connection	33
TYPE 52LZ/4.4	Serial hardware module 4+4 internal I/O	32
TYPE 52LZ/4C1	Licence for 1 additional channel from 5 to 12	32
TYPE 52LZ/4C4	Expansion for 4 additional IP licences	32
TYPE 52LZ/5L1	Licence for 1 IP channel from 5 to 16	33
TYPE 52LZ/5L4	Expansion for 4 additional IP licences	33
TYPE 52LZ/6L1	Licence for 1 IP channel from 9 to 72	32
TYPE 52LZ/6L4	Expansion for 4 additional IP licences	32
TYPE 52LZ/7L1	Licence for 1 IP channel from 9 to 72	33
TYPE 52LZ/7L4	Expansion for 4 additional IP licences	33
TYPE 52LZ/8.8	Serial hardware module 8+8 internal I/O	32
TYPE 52LZ/AM	Arteco Mobile plug-in	33
TYPE 52LZ/AVA	Video analytics channel licence upgrade	33
TYPE 52LZ/CCI	Expansion for simultaneous connections and unlimited users	33
TYPE 52LZ/CM	Multiserver control plug-in	32
TYPE 52LZ/CT	Traffic channel licence	33
TYPE 52LZ/DE	Licence upgrade for Motion Detection Enterprise channel	32
TYPE 52LZ/IOC	Concatenated I/O plug-in	32
TYPE 52LZ/IOV	Virtual I/O plug-in	32
TYPE 52LZ/MDE	Licence upgrade for Motion Detection channel	32
TYPE 52LZ/MMS	Plug-in for SMS/MMS notification	32
TYPE 52LZ/MP	Maps plug-in	32
TYPE 52LZ/PPZ	Privacy Zone plug-in	32
TYPE 52LZ/RSB	Local recording stream broadcaster	33
TYPE 52LZ/WD	Plug-in for on-demand Internet wireless connection	32
TYPE 52MA	DVD burner	32
TYPE 52P0/212	CCTV kit comprising 1 video camera type 52D0/3, 1 lens type 24/212, 1 waterproof aluminium housing type 529P/12 and bracket type 529S	97
TYPE 52P0/660	CCTV kit comprising 1 colour camera type 52D0/3, 1 waterproof aluminium housing type 529P/12 and bracket type 529S	97
TYPE 52PM	CCTV kit comprising 1 B/W camera type 52DM, 1 lens type 23/308, 1 waterproof aluminium housing type 529P and bracket type 529S	95
TYPE 52PM/550	CCTV kit comprising 1 B/W camera type 52DM, 1 lens type 23/550, 1 waterproof aluminium housing type 529P and bracket type 529S	95
TYPE 52PN	CCTV kit comprising 1 colour camera type 52DN, 1 lens type 23/308, 1 waterproof aluminium housing type 529P and bracket type 529S	95
TYPE 52PN/550	CCTV kit comprising 1 colour camera type 52DN, 1 lens type 23/550, 1 waterproof aluminium housing type 529P and bracket type 529S	95
TYPE 52PR	CCTV kit comprising 1 colour camera type 52DN/IR, 1 lens type 23/308, 1 aluminium waterproof housing type	95
TYPE 52PR/550	CCTV kit comprising 1 colour camera type 52DT. For checking vehicle licence plates.	96
TYPE 52PT	CCTV kit comprising 1 colour camera type 52DN/IR, specially designed for checking vehicle licence plates. 1 lens type 23/308	96
TYPE 52PT/550	CCTV kit comprising 1 colour camera type 52DN/IR, specially designed for checking vehicle licence plates. 1 lens type 23/550	96
TYPE 52RA	Active receiver for rack or wall mounting. Terminal block connector with 5 terminals	100
TYPE 52RA/16	Active transmitter for wall mounting to receive 16 video signals	102
TYPE 52RA/4	Active transmitter for wall mounting to receive 4 video signals	101
TYPE 52RA/8	Active transmitter for wall mounting to receive 8 video signals	102
TYPE 52RA/DT	Active receiver for wall mounting. Receives video signal, receives/transmits RS485 data	101
TYPE 52RD/4	RAID5 4 TB capacity	32
TYPE 52RS	RS485 digital data repeater	103
TYPE 52RS/485	Converter RS232 - RS422/485	32

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TYPE 52S1/5	Ring for wall installation of cameras type 52D1/5	69
TYPE 52S1/6	Ring for wall installation of cameras type 52D1/6, 52D1/6T	69
TYPE 52SP/8	Switch 8 ports	*
TYPE 52SW/16P	Switch 8 ports + 8 POE	*
TYPE 52SW/24	Switch 24 ports	*
TYPE 52SW/24P	Switch 24 ports POE + 4 mixed Gigabit ethernet ports	*
TYPE 52SW/5	Switch 5 ports	*
TYPE 52SW/8	Switch 8 ports	*
TYPE 52SW/8P	Switch 4 ports + 4 POE	*
TYPE 52TA	Active transmitter for rack or wall mounting. Terminal block connector with 5 terminals	100
TYPE 52TA/4	Active transmitter for wall mounting to transmit 4 video signals	100
TYPE 52TA/DT	Transmitter for wall mounting. Transmits video, receives/transmits RS485 data and power	101
TYPE 52TA/Rack	1-module rack panel for insertion of active transducers type 52TA – 52RA – passive transducers type 52TP/4	102
TYPE 52TD	Pair of active transducers RIC/TRAS	*
TYPE 52TP	Passive transducer, compact and easy to install, BNC connector for connection to video camera	98
TYPE 52TP/1	Passive transducer, compact and easy to install, 90° BNC connector for special camera installations	98
TYPE 52TP/16	Passive transducer for rack installation, 16 BNC connectors for video input	99
TYPE 52TP/2	Passive transducer, compact and easy to install, BNC connector with 14 cm coaxial cable	98
TYPE 52TP/3	Pair of compact passive transducers, easy-to-install transmitter / receiver	98
TYPE 52TP/32	Passive transducer for rack installation, 32 BNC connectors for video input	99
TYPE 52TP/4	Passive transducer for rack or wall mounting, 4 BNC connectors with 14 cm coaxial cable	99
TYPE 52TP/4A	Passive transducer, 4 BNC connectors for 1 video input signal, 4 video output signals	99
TYPE 52WS	Web server for TCP/IP connection over LAN network for video signals. PTZ cameras. Supply voltage 5 VDC. Includes power supply unit	*
TYPE 52WS/1	Video encoder with one channel, BNC input, RS485 control for PTZ, supply voltage 12 VDC	49
TYPE 52WS/4	Video encoder with 4 channels, BNC input, RS485 control for PTZ, supply voltage 12 VDC	50
TYPE 52WS/A1	Video encoder with 1 channels, BNC input, RS485 control for PTZ, without local storage	49
TYPE 52Z0.	Day & Night colour camera. Auto focus and 22x zoom	55
TYPE 53IP	Day & Night colour IP camera with 1/3" CMOS sensor	44
TYPE 54IP	Day & Night colour IP camera with 1/3" Sony Super HAD sensor	45
TYPE 55IP/05	Day & Night colour IP camera with 1/3" progressive scan CMOS sensor, 5 megapixels	42
TYPE 55IP/1	Day & Night colour IP camera with 1/3" progressive scan Sony CCD sensor, 1.3 megapixels	39
TYPE 55IP/2	Day & Night colour IP camera with 1/3" progressive scan CMOS sensor, 2 megapixels	40
TYPE 55IP/3	Day & Night colour IP camera with 1/3" progressive scan CMOS sensor, 3 megapixels	41
TYPE 55IP/5	Day & Night colour IP camera with 1/3" progressive scan CMOS sensor, 5 megapixels	*
TYPE 56IP	Day & Night vandalproof mini dome colour IP camera	46
TYPE 57IP	Day & Night vandalproof dome colour IP camera, 1/3" CMOS sensor	43
TYPE 58IP	Day & Night colour IP camera, 1/3" Sony Super HAD sensor, lens 12 mm fixed	47
TYPE 58IP/3	Day & Night colour IP camera, 1/3" Sony Super HAD sensor, lens 3 mm fixed	47
TYPE 58IP/6	Day & Night colour IP camera, 1/3" Sony Super HAD sensor, lens 6 mm fixed	47
TYPE 59IP	Day & Night vandalproof dome indoor colour IP camera, 1/3" CMOS sensor	48
TYPE 5556/004	Video distributor with 4 outputs for coaxial cable.	76
TYPE 5559	Video signal amplifier.	76
TYPE 5AA0	Power supply unit with European plug. 12 VDC 0.6 A	75
TYPE 5AA1	Power supply unit for junction box type 503. 12 VDC 1 A	75
TYPE 5AA2	Desktop power supply unit. 12 VDC 2 A	75
TYPE 5AA5	Modular power supply unit. 12 VDC 4.2 A	75
TYPE 5AA6	Power supply unit with European plug 12 VDC 1.25 A	75
TYPE 5AE0	Camera with 3 mm lens	*
TYPE 5AL4	Day & Night colour camera. DSP. Supply voltage 12 VDC. High resolution. 1/3" Sony sensor. 3.6 mm fixed lens.	57
TYPE 5AL6/A	Day & Night colour camera. DSP. Supply voltage 12 VDC. Medium resolution. 1/3" Sony sensor. 4.3 mm fixed lens.	56
TYPE 5AL7	Day & Night colour camera. DSP. Supply voltage 12 VDC. Medium resolution. 1/3" CCD sensor. 4.3 mm fixed lens	57
TYPE 5AL7/S	Day & Night colour camera. DSP. Supply voltage 12 VDC. Medium resolution. 1/3" CCD sensor. 4.3 mm fixed lens	57
TYPE 5AL8	Day & Night colour camera, DSP. Supply voltage 12 VDC. Medium resolution. 1/3" CCD sensor. 4 mm fixed lens.	57
TYPE 5AL9	Day & Night colour camera. DSP. Supply voltage 12 VDC. High resolution. 1/3" Sony sensor. 3.6 mm fixed lens.	57
TYPE 5AP6	Colour camera. DSP. Supply voltage 12 VDC. Standard resolution. 1/3" CCD sensor. 3.7 mm fixed lens	62
TYPE 5AP7	Colour camera. DSP. Supply voltage 12 VDC. Standard resolution. 1/3" CCD sensor. 3.7 mm fixed lens	62
TYPE 5BL6	Day & Night colour camera. DSP. Supply voltage 12 VDC. Medium resolution. 1/3" Sony sensor. 8 mm fixed lens	56
TYPE 5AL6/A	Day & Night colour camera. DSP. Supply voltage 12 VDC. Medium resolution. 1/3" Sony sensor. 8 mm fixed lens	56
TYPE 5CL5	Day & Night colour camera. Supply voltage 12 VDC. Medium resolution. 1/3" CCD sensor. 12 mm fixed lens	*
TYPE 5DL5	Day & Night colour camera. DSP. Supply voltage 12 VDC. Medium resolution. 1/3" CCD sensor. 16 mm fixed lens	*
TYPE 5E30/LT	ALPR licence plate reading camera	30
TYPE 5EL5	Day & Night colour camera. DSP. Supply voltage 12 VDC. Medium resolution. 1/3" CCD sensor. 4.3 mm fixed lens	*
TYPE 5FL5	Day & Night colour camera. DSP. Supply voltage 12 VDC. Medium resolution. 1/3" CCD sensor. 8 mm fixed lens	*
TYPE 5GL6	Day & Night colour camera. DSP. Supply voltage 12 VDC. Medium resolution. 1/3" Sony sensor. 25 mm fixed lens	57

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TYPE 5SA0	B/W underwater camera, water-resistant to 3 atmospheres. Medium resolution. Protection rating IP66. 1/3" Sony sensor	*
TYPE 5SB0	B/W underwater camera, water-resistant to 3 atmospheres. Medium resolution. Protection rating IP66. 1/3" Sony sensor	*
TYPE 5VL0	Day & Night colour camera. Supply voltage 12 VDC. Medium resolution. 1/3" Sony sensor	58
TYPE 5VL1	Day & Night colour camera. Supply voltage 12 VDC. Medium resolution. 1/3" Sony sensor	58
TYPE 5VL2	Day & Night colour video camera, supply voltage 12 VDC. Medium resolution. 1/3" SONY sensor	58
TYPE 5VL3	Day & Night colour video camera, supply voltage 12 VDC. High resolution. 1/3" SONY sensor	59
TYPE 5WA0	Waterproof B/W bullet camera with 3.6 mm lens. Supplied with bracket	*
TYPE 5WA5/1	Colour bullet camera. Sony 1/3" sensor with 3.6 mm lens, waterproof. Supplied with bracket	61
TYPE 6582	Supplementary power supply unit 12 / 13.5 VDC 250 mA.	75
TYPE 6583/12	Power supply unit for cameras in parallel 12 VDC 1.6 A.	75
TYPE 832/024	Low-voltage safety transformer. 24 VAC 30 VA.	76
TYPE RT01	Adhesive "Area Under Surveillance" sticker in white PVC, dimensions 210x125 mm.	106
TYPE RT03	"Area Under Surveillance" sign in polypropylene (PPB), dimensions 210x125 mm.	106



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