SRS door entry systems

Drawing Reference	2D nM 1E -04 S3000	02.10.08
	Video Diagram | Monitors | Entrances | Keypad | SD880 system	Date

One entrance video door entry system - calling n monitors

Installation Notes :

Locking Note
Always fit the Tranzil (lock suppressor) supplied.

Cable requirements :
It is recommended that cables are star wired to the video monitors from the entrance panel

Maximum recommended overall distance for CW1308 BT spec. twisted paired cable run is

0 - 100 metres	VCM/60	(see diagram)
100 - 200 metres	15 & 0	- 2.5mm dia.
	1 & 2	- RG59 coaxial cable
	3, 4, 9	- 0.5mm dia

For short cable runs up to 25 metres (although not ideal) you may use CW1308 or CAT5 cable. Treat R1 + R2 as a pair, R3 + R4 as a pair, 0 + 9 as a pair and a pair for wire 15.

Make connections as per diagram in order to avoid interference.

Keypad
The programmable keypad can be built into the panel or supplied as a separate unit.

Set the lock time on the keypad. See keypad instructions.

cable distance (metres)

1 ~ 100	VCM/60
100 ~ 200	2 x 2.5mm dia
	3 x 0.5mm + RG59

7 + (n-4)

SD3000JB

7

7

7

7

7 + n

4

5

Monitor connections (VCM/60 cable)

Monitor 4 / Monitor 3 / Monitor 2 / Monitor 1
3012 / 3016 / 3036

1	Coax signal
2	Coax Screen
3	Pink
4	Blue
9	Purple
15	Red
0	Green

SD880JB distribution box

R1 Coax signal
R2 Coax Screen
R3 Pink
R4 Blue
9 Purple
15 Red
0 Green

C1 C2 C3 C4

Call buttons

Speaker Unit
0
18
9
R4
R3
R2
R1

CP
24
0
9
BZ

SD880C

Built in Keypad optional
12v
0v
NC
C
NO
TmClk
COM
EGR

Egress Button
Push to Make

Locking Options

connect common of relay to 0V	Power connection	Relay connection
12V AC fail	AC	N/O
12V DC fail	DC	N/O
12V DC fail open	DC	N/C

12V DC FAIL LOCKED
illustrated with transil fitted

930.893 power supply   Mains
+ - -C

9307/1 power supply   Mains
C Z DC 0 AC