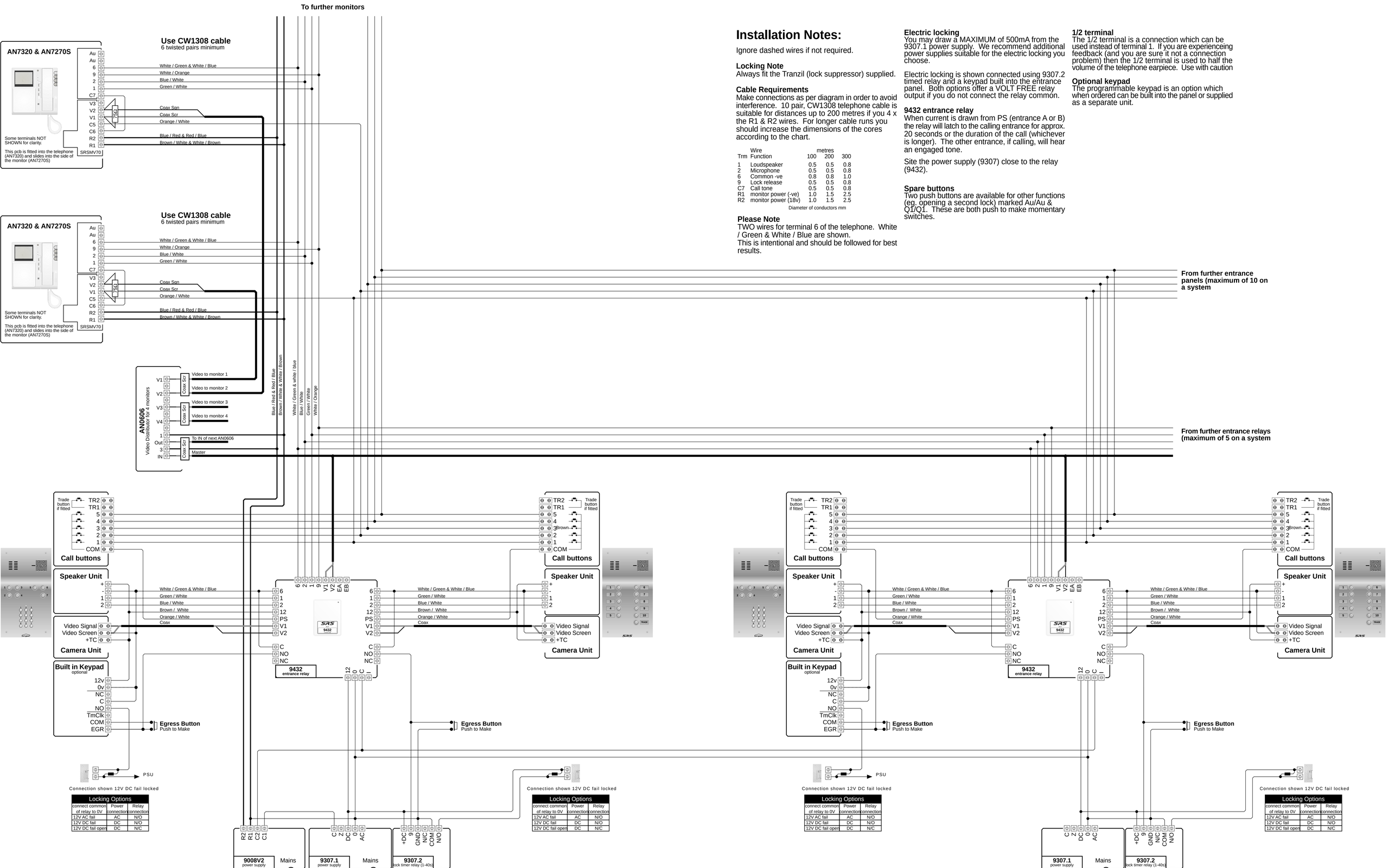
Drawing Reference	2D nM nE /14 D					21.1.04
	Video Diagram	Monitors	Entrances	1 keypad	Distributor	Date

Two entrance (with Trades button) video door entry system - calling n monitors with video distribution



Installation Notes:

Ignore dashed wires if not required.

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

Cable Requirements
Make connections as per diagram in order to avoid interference. 10 pair, CW1308 telephone cable is suitable for distances up to 200 metres if you 4 x the R1 & R2 wires. For longer cable runs you should increase the dimensions of the cores according to the chart.

Trm	Wire Function	metres 100	200	300
1	Loudspeaker	0.5	0.5	0.8
2	Microphone	0.5	0.5	0.8
6	Common -ve	0.8	0.8	1.0
9	Lock release	0.5	0.5	0.8
C7	Call tone	0.5	0.5	0.8
R1	monitor power (-ve)	1.0	1.5	2.5
R2	monitor power (18v)	1.0	1.5	2.5

Diameter of conductors mm

Please Note
TWO wires for terminal 6 of the telephone. White / Green & White / Blue are shown.
This is intentional and should be followed for best results.

Electric locking
You may draw a MAXIMUM of 500mA from the 9307.1 power supply. We recommend additional power supplies suitable for the electric locking you choose.

Electric locking is shown connected using 9307.2 timed relay and a keypad built into the entrance panel. Both options offer a VOLT FREE relay output if you do not connect the relay common.

9432 entrance relay
When current is drawn from PS (entrance A or B) the relay will latch to the calling entrance for approx. 20 seconds or the duration of the call (whichever is longer). The other entrance, if calling, will hear an engaged tone.

Site the power supply (9307) close to the relay (9432).

Spare buttons
Two push buttons are available for other functions (eg. opening a second lock) marked Au/Au & Q1/Q1. These are both push to make momentary switches.

1/2 terminal
The 1/2 terminal is a connection which can be used instead of terminal 1. If you are experienceing feedback (and you are sure it not a connection problem) then the 1/2 terminal is used to half the volume of the telephone earpiece. Use with caution

Optional keypad
The programmable keypad is an option which when ordered can be built into the panel or supplied as a separate unit.