* System 4 configuration requires that if a keypad is used on doors 3+4 it must be a dataline keypad (Using Belden 9729 or equivalent)

Features

User capacity	8,000 (38,000 with optional upgrade)
Door configuration	Any configuration of up to 4 doors and 4 readers
Ultragard software compatibility	Yes
Anti-pass back (true and timed)	Yes
Block validation	Yes
Time groups	16
Holiday schedules	50
Reader technology options	
S4 Digital	Mag-stripe, Proximity, Hands free, Wiegand, 2-of-5, 3-of-9 Barcode (numeric codes only)
S4 Analogue	TDSi Microcard IR reader
Lock strike relays	4
User keypads	4 (2 standard/2 dataline)
Programmable relays	0 (see input/output facilities)
User definable PINs	Yes
Management reports	Yes
Programmable clock/calendar	Yes
Programmable card expiry	Yes
Inputs for point monitoring	0 (see input/output facilities)

Specifications

Dimensions of box (mm)	407 x 282 x 130
Dimensions of electronics (mm)	400 x 235 x 52
Storage temperatures	-10°C to 60°C
Operating temperatures	-5°C to 45°C
Humidity	95% rh max (non condensing)
Relays	Form C dry change-over contacts rated at 3A at 30V DC
Communication	RS232 or RS485 300-9600 Baud
Power requirements	Voltage 10-14 DC (220-240V PSU option available)
Typical current	500mA
Maximum current	1.2A

Input and output facilities

1. Standard System 4

System 4 is fitted with 4 lock strike relays, 4 door sensor inputs and 4 egress-button inputs. If System 4 is used to control 1 door, then three of the lock strike relays becomes spare, etc.

2. System 4 fitted with standard I/O board

Fitting a standard I/O board adds 8 relays and 8 inputs.