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Type		Order No.
AC5102	**Advanced central controller**	**S54507-C22-A1**

The AC5102 advanced central controller can be programmed with up to 500,000 cardholders and up to 96 doors. It has been specially designed for maximum flexibility, and provides six separate field level network (FLN) channels. Each FLN is capable of hosting up to 16 local devices for access control, monitoring input devices or controlling output devices.

The AC5102 also has a diagnostic port that provides a direct connection to its micro-processor to facilitate the download of operating instructions (firmware). Firmware updates can be made without having to visit the controller cabinets. Communication to the host system occurs via a 10/100Mb Ethernet connection. This allows communications over any WAN or LAN where devices on the network can be assigned a unique IP address. This type of communication ensures the fastest possible transaction times between the host system and AC5102 field panels.

The AC5102 hosts a tamper input that can be used to detect if the cabinet in which it has been mounted has been opened. It also provides an alarm output that can operate a visual or audio alarm when security has been breached.

Note: The AC 5102 will be released during autumn 2011.

Additional components	ACK5110 cable for modem connection
Interface	- 6 x Field level network (FLN): – FLN 1: RS232 (modem port) or RS422 / RS485 – FLN 2 & 3: RS232 / RS422 / RS485 – FLN 4,5,6: RS485 only - 1 x RS232 (RxD, TxD, GND, RJ12) - 2 x LAN: RJ45 (10/100 MB Ethernet) - 1 x USB - 1 x USB-PC
Operating voltage	12/24 VDC (-10 / +15%)
Power consumption	Max. 10 W (fully loaded)
Alarm input	1 x Tamper input, 1 x Power fail input
Alarm output	1 x Alarm output (optical relay, max. 12 V, 100 mA)
Door capacity	96
Card capacity	500,000
Indicators	Power, Active, Error, COM, USB, SD-Card, 4 x Ethernet
LCD Display	None
Keypad	None
Tamper switch	Optional
Operating temperature	0 to +50 °C
Environment	Indoor use only
Housing	Steel
Colour	Grey and blue
Dimensions (W x H x D)	124 x 220 x 54 mm
Weight	990 g kg
Approval	CE, UL294, C-Tick, FCC