

Monitor XL™

Control Panel



OVERVIEW

As the foundation of the Monitor XL security system, the Monitor XL Control Panel holds the entire user database and all system information and operates independently in non-volatile memory. The base Prime model supports 1,000 users, while the base Enterprise model supports 4,000 users, or up to 64,000 with additional memory.

Each XL panel can be configured using either the Monitor XL LCD Keypad module or Director software. The LCD Keypad also functions as a complete configuration and diagnostics tool, allowing a technician to service and configure the control panel with no need to unplug other modules. All Monitor XL modules feature a unique identifier allowing placement of up to 24 modules of any type on the RS485 bus, or up to 60 Suite Security modules on one XL panel.

Each XL panel includes 12 inputs and can expand to 256 by adding LCD keypads and expander modules. As part of a networked system of 250 XL panels the Director Software supports 64,000 inputs per database, configurable using any of 16 preconfigured or 20 customizable point formats. 16 diagnostic points enable system testing.

Each XL panel also includes two relay outputs and can expand to 128 by adding expander with V-BUS output modules. As part of a networked system of 250 XL panels the Director Software supports 32,000 inputs per database and up to 16 condition programmable outputs.

A feature expansion board and additional door controller modules are required for XL panels supporting more than four doors with entry/exit readers. Prime software supports one XL panel with a maximum of 16 doors. Enterprise and Enterprise Elite Software support 250 XL panels with a maximum of 32 doors each for a total of 8,000 doors per database.

STANDARD FEATURES

- Base Prime model supports 1,000 users
- Base Enterprise model supports 4,000 users, or up to 64,000 with additional memory
- Can be configured using LCD Keypad module or Director software
- Includes 12 inputs and can expand to 256 by adding LCD keypads and expander modules
- Includes two relay outputs and can expand to 128 by adding expander with V-BUS output modules
- Prime software supports one XL panel with a maximum of 16 doors
- Enterprise and Enterprise Elite Software support 250 XL panels with a maximum of 32 doors each for a total of 8,000 doors per database

Specifications

Description

Material	Metal cabinet, painted, off-white
Dimensions (HxWxD)	NA: 13.7 x 10 x 3.34 in. (350 x 255 x 85mm) UK & EU: 18.1 x 11.8 x 3.34 in. (460 x 300 x 85mm)
RS485 Bus for up to 24 module connections	RS485 Open Bus connections, Two twisted pair, shielded wiring 24 AWG cable required. Max 610 meter (2000 ft)
VBUS for add on VBUS I/O module connection	Positive/Negative/VBUS Data 3 wires, 24 AWG cable required. Max 30cm (1 foot)
Inputs	12 on-board
Outputs	2 on-board
Point Expansion Modules	Expandable to 256 input points/124 output points
Power Supply	16.5 VAC, 37.5 VA
Miscellaneous	On board lid and wall tamper protection
LED	4 State diagnostic LED
Communications/Alarm Reporting	120-3633 – Worldwide modem 120-8102 – V3 IP interface 120-8012 – HSC IP interface
Upgradable	Each Monitor XL system is easily upgradable. The base Prime version can be upgraded at any time with no hardware changes to an Enterprise version
Connectivity	Networkable Direct IP, Direct Cable, Dial-up
Temperature Range	0° C to 50° C
Humidity Range	10% to 90%
Standards	ULC, UL, FCC Part 15 CISPR 22, CE, C-Tick, A-Tick, Regional Telcom, NCP Registration, EN50131-1 & EN50131-3 Grade 4, EN50131-5, Class II, PIZ

Ordering Information

120-3600	Main Panel NA enclosure
120-3601	Main Panel EU enclosure with 230V transformer
120-3602	Main Panel NA enclosure with FEB
120-3603	Main Panel EU enclosure with FEB & 230V transformer
120-3605	Main Panel UL enclosure
120-3606	Main Panel UL enclosure with FEB
120-3620	Main Panel NA enclosure with IP module
120-3625	Main Panel UL enclosure with IP module

