MONITOR ISM™ LCD Keypad

- **Features backlit keypad with multilingual softkeys**

- **Provide complete control of security system including access control**

- **10 programmable functions**

- **3 programmable keypad activated alarms can be used for; Fire, Panic and Emergency**

- **Armed and Trouble LED indicators**

- **Available in Grey and White**

- **Allows multiple languages to be used on a single keypad**

The LCD Keypad allows authorized users to interact with the security system locally. This includes arming and disarming of areas, checking system and area status, extending a schedule closing time (work late), locking and unlocking doors and many other tasks.

Multilanguage Support
A single keypad can be used for multiple languages. Each user can use the same keypad to interact with the system. The system simply identifies the user and displays all menus in their respective language. English, French, Spanish and Dutch are supported.

10 Programmable functions
Up to 10 programmable functions can be programmed for each area. Function keys can be programmed to trigger outputs such that they toggle with each activation, or they can be programmed to trigger for a fixed period of time.

ISO 9002-94 Cert# 000879

Inputs/Outputs
Each keypad has one hardwire input point which can be used for a device such as door contacts, glass-break detectors, motion sensors, carbon monoxide detectors and many more. The keypad also has one output point which can be programmed to trigger on one of over 120 trigger conditions such as Door held open, Area in alarm, system alarm etc.

Convenience Features
Many system convenience features are provided such as optional door chime to sound when a door or window has been opened.
Safety features include up to three panic buttons, which can be configured to suit the application; typically these would be Fire, Police and emergency. These buttons when tripped would report to the central monitoring station for appropriate action.

Specifications

LCD Keypad

Inputs:
- 1 fully programmable
- Integrated anti-tamper device

Outputs:
- 1 Low Current (10 ma) open collector

Point Types:
- 16 pre-defined
- 20 custom

Supervision:
- Normally Closed
- Normally Open with End-of-Line
- Normally Closed with End-of-Line
- Form 'C' with End-of-Line
- Dual End-of-Line

System Architecture:

RS485 communications from Module to MONITOR ISM™ main panel. Each Module contains a unique electronic serial number to ease installation and troubleshooting.

Power and Recommended Cable Requirements:

- 12 volts DC, 160 ma per Module (Can be powered from the SNAPP bus provided adequate power supplies are being used).

- 4 Conductor Shielded (recommended) Twisted Pair (18 – 22 awg, depending on amount length of cable run).

Enclosure and Mounting:

6.5" wide, 5" high, 1.25" deep.

(165mm x 127mm x 32mm)

Suitable for mounting over North American triple gang electrical box or surface mount on drywall, etc.

Material:

Molded Plastic, White or Charcoal Grey.

Making security easier for you

Compatibility

- Monitor Fx
- Monitor Fx Pro
- MONITOR ISM™

Environmental

Temperature Range:
0° C to 50° C, (32° - 120°F)

Warranty

MONITOR ISM™ LCD Keypad is warranted against workmanship and material defects under normal use and operation for a period of one year. The warranty period commences from date of shipment.

Standards

(UL) ULC (UL) UL ICAN FCC CE

Part Numbers

120-8100 LCD Keypad – WHITE
120-8101 LCD Keypad – GREY