

*Monit.I*

## Single loop Analogue Addressable Fire Alarm Panel

**Ravel**<sup>®</sup>  
*Reliability at reach*

### Special Features:

- Switched Mode Power Supply.
- Modular Construction, Serviceability
- Surge Protection.
- Battery polarity and deep discharge protection.
- Unique protocol feature for fast alarm response
- Touch Keypad for user friendly operation.
- Auto learning facility.



### Features

- Operates on 120 to 220VAC, 60 / 50 Hz, 120W.
- Battery Backup 24V DC with built in charger.
- 40 x 4 characters LCD display.
- Loop with Class A or Class B wiring.
- Maximum 127 Devices exclusive of 20 Loop Sounder.
- Upto 192 Grouping Facility.
- Device / Detector wise configuration facility.
- 2000 Event with Real Time Clock.
- USB 2.0 Interface for PC connectivity.
- Two Programmable Form C potential free relays (Fire, Pre - Alarm & Supervisory).
- One Form C Potential free relay for Fault.
- 24V DC output.
- One Supervised Notification Appliance Circuit.(NAC)
- RS 485 Connectivity for repeater.



## SPECIFICATION

### Primary Power

120 / 220VAC + 10% -15%, 60 / 50 Hz, 120W.

### Standby Power

24VDC (2 Nos of 12v, 7Ah Sealed Lead acid battery).

### Operating Condition

Operating Temperature 0 - 49° C/32-120° F.

Relative Humidity 93 ± 2% RH (non-condensing) at 32 ±2° C/90 ±3° F.

### Charging Circuit

Charging Voltage 28.0V, ±2% With current 500mA (Max).

### Signaling Line Circuits

Class A or Class B wiring.

No. of Device: Maximum 127 Devices exclusive of 20 Loop Sounder.

Loop resistance: 40 ohms (Max.).

Loop capacitance: 0.6 µf (Max.).

Loop Current: 300mA (Max.).

### Notification Appliance Circuits

Class B Style - Y wiring

Operating Nominal Voltage: 24VDC

Current for NAC: 1.0 A

Line Drop: 2.4V

End-Of-Line Resistor: 4K7, 1/2watt

### DC Output Power

24VDC regulated, 0.3A Max.

### Relay Outputs

Type : Form C

No of Relays : 3

Relay Contact Rating : 2A @ 30 VDC,  
0.5A @ 125VAC.

### USB Port

Type : Type B

Version : 2.0

### Dimension

Overall : L 390mm X H 295mm X D110mm

Flush mount : L385mm X H285mm X D75mm

## Compatible Devices:

MODELS	DESCRIPTION
RE-337H	Analogue Addressable Heat detector
RE-337S	Analogue Addressable Smoke detector
RE-337SH	Analogue Addressable Multi detector
RE-374BS	Analogue Addressable Sounder Base
RE-374BI	Isolator Base
RE-737MC	Analogue Addressable Control Module
RE-737MM	Analogue Addressable Monitor Module
RE-737MR	Analogue Addressable Relay Module
RE-737MZ	Analogue Addressable Zone Module
RE-737MX	Analogue Addressable Input Output Module
RE-24ES	Analogue Addressable Loop Powered Sounder
RE-737M	Manual Call Point
MonitI-RP	Addressable Single Loop Repeater Panel

## Ordering Information:

MODEL	Loop
MonitI	Single loop Analogue Addressable Fire Alarm Panel

### India:

**RAVEL ELECTRONICS PVT LTD.,**  
(An ISO 9001 Certified Company)  
150A, Electronics Industrial Estate, Perungudi, Chennai - 96 .India.  
E-Mail: marketing@ravelfire.com; Web : www.ravelfire.com

### United Kingdom:

**RAVEL ELECTRONICS LTD.,**  
Unit 11, Chancel Industrial Estate, Newhall street,  
Willenhall WV13 1NX, West Midlands, United Kingdom.  
E-mail: info@ravelfire.co.uk ;Web: www.ravelfire.co.uk