ORION SERIES
2 ZONE MICROCONTROLLER BASED FIRE ALARM PANEL WITH LCD DESPLAY

The Orion series of Microprocessor based fire alarm panels provides a reliable and cost effective solutions to fire detection, for small installation which is 2 zone. These units have been designed to offer high standards of performance, reliability and quality and comply with IS 2189:1999 and tested by the ERTL (N) & System Sensor. The Orion series panels are specially suited for the small offices & workplaces.

BASIC FEATURES

▸ Easy Installation, Operation & Maintenance.

STANDARD FEATURES

▸ Complies to IS 2189:1999 and Tested by ERTL (N) & System Sensor.
▸ 2 x 16 character backlit LCD display.
▸ Lamp test features.
▸ Complete with integral power supply and battery charger for SMF battery.
▸ NO/NC contacts for both fire and fault.
▸ Switches to enable on board operation.
▸ LCD and LED Indication for open, short circuit, Isolate, Fire in each zone.
▸ Maximum nos. of Detectors in each zone is 25

TESTED BY : ERTL (N) & SYSTEM SENSOR

ORIEL SERIES
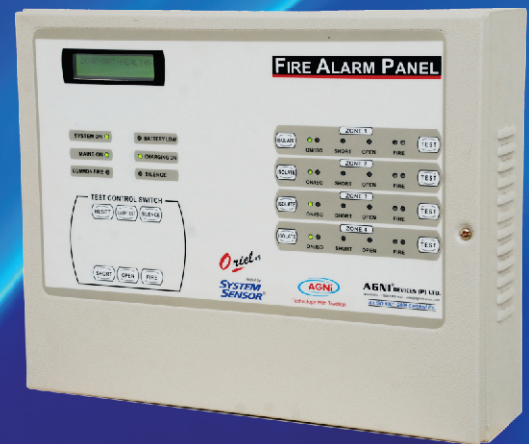## 4-60 ZONE MICROCONTROLLER BASED FIRE ALARM PANEL WITH LCD DISPLAY

The Oriel series of Microprocessor based fire alarm panels are an upgraded version which provides a reliable and cost effective solution, from small to large size installation which have 4,6,8 & could go upto 60 zones of selection models and features. These units have been designed to offer high standards of performance, reliability and quality and comply with IS 2189:1999 and tested by the ERTL (N) & System Sensor. The Oriel series panels are specially suited for the small office, workplaces, small & high rise buildings.

BASIC FEATURES

▸ Easy Installation, Operation & Maintenance.

STANDARD FEATURES

▸ Complies to IS 2189:1999 and Tested by ERTL (N) & System Sensor.
▸ 2 x 16 character backlit LCD display. (4 x 20 character, optional)
▸ 64 / 128 / 256 Events logging facility with real time clock and keypad. (optional)
▸ 2 Wire Communication facility via RS 485 Port. (For Repeater Panel) (optional)
▸ BMS attachment
▸ Lamp test features.
▸ Complete with integral power supply and battery charger for SMF battery.
▸ NO/NC contacts for both fire and fault.
▸ Switches to enable on board operation.
▸ LCD and LED Indication for open, short circuit, Isolate, Fire in each zone.
▸ Maximum nos. of Detectors in each zone is 25

TESTED BY : ERTL (N) & SYSTEM SENSOR

SPECIFICATION	ORION SERIES	ORIEL SERIES
Operating Voltage	220 Volt Mains A.C. Input / 24V D.C. Output	220 Volt Mains A.C. Input / 24V D.C. Output
No. of Zones	2 Zones	4 - 60 Zones
EOL	4.7 k ohm , 1 per zone	4.7 k ohm , 1 per zone
Sounder Output / Aux. Relay Output	Common hooter output / One Each for Fire & Fault	Common hooter output with Individual Zone Output / One Each for Fire & Fault
Construction / Dimension (mm)	1.8 mm CRCA Sheet Duly powder coated / 275 x 325 x 95 (L x B x D)	1.8 mm CRCA Sheet Duly powder coated / 275 x 325 x 95 (L x B x D) (for 4 Zone)
Weight	3.90 kg (Approx)	4.475 kg (Approx) (for 4 Zone) Above 4 zone contact sales desk
Display	Zone Healthy, Isolate, Short, Open, Fire,	Zone Healthy, Isolate, Short, Open, Fire,
	2x16 Character LCD Indicating complete status of zone	2x16 Character LCD Indicating complete status of zone
User Control	Reset, Lamp Test, Silence, Isolate, Short, Open, Fire	Reset, Lamp Test, Silence, Isolate, Short, Open, Fire
Internal Sounder	Continuous buzzer for fault and intermittent buzzer for fire	Continuous buzzer for fault and intermittent buzzer for fire
Temp. / Humidity	0 deg. C to 50 deg. C / 90% to 95% RH Condensing	0 deg. C to 50 deg. C / 90% to 95% RH Condensing

BSNL Approved model is also available.