

PRODUCT DATASHEET - SINGLE LOOP FIRE ALARM CONTROL PANEL



INTELLI-SENSE

Addressable Control Panel

TI-002317-V

DESCRIPTION

The Intelli-Sense series control panels are supplied with a single loop driver card, 2 onboard sounder circuits, 20 programmable zonal LEDs with slide-in labels, and 25 system LEDs for information purposes. There are also 4 programmable function buttons with LED indication for confirmation of operation.

The control panel consists of the latest dual flash-based microprocessor technology combined with a high resolution, high contrast, graphical LCD display and tactile keypad providing a simple 'select & click' programming aid for engineer configuration and end user operation.

Powerful cause-and-effect programming coupled with dynamic zoning and enhanced trace diagnostics makes the panel suitable for a wide range of site applications from small to large complex multi-area systems. Fully programmable on-site via the onboard alphanumeric keypad, or PC Configuration Software.

An extensive suite of user-friendly Windows-based PC software programs has been developed to enhance your experience when using Intelli-Sense series fire panels. The suite incorporates a number of different programmes which include configuration, service, logo and virtual panel tools to allow the flexibility of the equipment to be fully explored.

Simply adding a network card allows the panel to communicate with any other Intelli-Sense fire panel, remote terminal, or network peripheral, such as ipGateway™, BMS or graphical interface. The network operates as a true peer-to-peer system and can be configured in a fault tolerant loop or radial format.

KEY FEATURES

- 20 programmable zonal / 25 System LEDs
- Dedicated loop driver to support fully digital communication protocol.
- Intelli-Sense graphical LCD user interface and support for up to 200 fire zones by default allowing full EN54 compliance without additional hardware.
- Dedicated USB & RS232 Serial Port for direct PC or modem connection.
- Installer friendly Auto-learn, Loop Detection and Onboard Scope facility.
- Graphical display configurable for virtually any language.
- Robust removable equipment chassis with plug-in connectors for simple fixing and cable termination.
- Integral P-Bus for system expansion via available option cards.
- Intelli-Sense-NeT peer-to-peer network with up to 2000 zones
- Approved to BS EN54 part 2, 4 and 13. Programmable push buttons.
- Rack-mount options.
- Multiple languages.
- Global compliance.
- Fully networkable.
- 1-year warranty.
- Fully programmable.
- Installer's logo application.

TECHNICAL SPECIFICATION

Base Technology	Dual flash-based processors with real-time clock, trace diagnostics, programmable languages and character sets
Display	White backlit 240 x 64 graphical LCD
LED Indicators	22 red (1 x Fire, 1 x More Alarms, 20 x Zonal Programmable), 1 green (Power), 13 amber and 12 bi-colour (Fault & System)
Controls	Alphanumeric keypad permitting navigation, Reset, Mute, Silence, Resound, Evacuate, and 4x programmable push buttons
Protocol	Fully digital communication protocol
Number of Fire Zones	2000 (200 per individual panel)
Number of Loops	1
Devices per Loop	240 Addressable Detectors and Devices

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Ceasefire Industries Pvt. Ltd.

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Loop Current	500mA
On-Board Sounder Circuits	2x1 Amp programmable
On-Board Relays	2x1Amp 30vAC/DC programmable(10mA,5vmin)-expandable to 4 TI-002370 (2-Way Relay Card)
Auxiliary Supply	1 x 24v500mA
Programmable Input	1 x monitored programmable input on-board
Programmable Key Switch Inputs	1 x volt free input (standard enc.), 8 x inputs (Only with medium enclosure panel TI-002317-VM)
Total Available Output Current	3A maximum available for loop current + sounder outputs + auxiliary supply
Mains Supply	200 - 240v 47-63 Hz AC (+10%, -15% tolerance) 1.0A Max
Charger Current	1A temperature compensated
Serial Port	1 x on-board RS232 connection for PC, modem, IP, or portable printer
USB Interface	1 x USB B type connection for PC communication
Programming	On-board keypad or PC running Windows tools
Event Log	5000 event & diagnostic + 500 fire
Networking	Optional plug-in network card (TI-002325 - standard, or TI-002324 -fault-tolerant)
Printer (optional)	On-board (only with medium enclosure panel TI-002317-VM)
Enclosure/Colour	Steel IP30 /RAL7035
Metal work Options	Flushing bezel, battery box, utility enclosure, termination enclosure and rack mount
Approvals	EN 54-2:1998, EN 54-4:1998 & EN54-13:2005

DIMENSIONS AND CAPACITY

	Dimensions H X W X Dmm	Cable Entry (20mm Knockouts)	Battery Capacity (Internal)	
			Min	Max
Standard	345 x 345 x 85	13 x top, 8 x rear	24v 4Ah	24v, 7Ah
Medium	345 x 430 x 120	17 x top, 11 x rear	24v 4Ah	24v 12Ah

ORDER CODES AND OPTIONS

Enclosure/Protocol	Intelli-Sense
Standard	TI-002317-V
Medium	TI-002317-VM



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