

# PRODUCT DATASHEET - 1-2 LOOP FIRE ALARM CONTROL PANEL



## INTELLI-SENSE

Addressable Control Panel

TI-002318-V

### DESCRIPTION

The Intelli-Sense series control panels are fully expandable from 1 - 2 loops and supplied with 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 and click programming aid forengineer configuration and end user operation.

Powerful cause-and-effect programming and enhanced trace diagnostics make the panel suitable for a wide range of site applications from small to large complex multi-area systems. Fully programmable onsite via the onboard alphanumeric keypad, or PC configuration software.

**PC Software:** An extensive suite of user-friendly

Windows-based PC software programs has been developed to enhance your experience when using Intelli-Sense Series of Fire panels. The suite incorporates a number of different programmes to include a configuration, service, logo and virtual panel tool to allow the flexibility of the equipment to be fully explored.

**Network:** 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™' or BMS/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

- Dedicated loop driver to support fully 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.
- Dual flash-based microprocessor technology with real-time clock onboard.
- Dedicated USB & RS232 serial port for direct PC or modem connection.
- Installer friendly Auto-learn, Loop Detection and Onboard Scope facilities for ease of commissioning and fault finding.
- Graphical display configurable for virtually any language
- Robust removable equipment chassis with plug-in connectors for simple fixing and cable termination.
- Fully programmable via the onboard alphanumeric keypad, or PC configuration tools.
- 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
- 1-year warranty

### 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 Protocol	Alpha numeric 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	Dedicated 1-2 loop control panel
Devices per Loop	240 Addressable Detector and Devices

Call: **1800 120 3473 / +91 9540 666 666**  
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**Ceasefire Industries Pvt. Ltd.**

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Noida - 201 301, Uttar Pradesh [India]

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### Addressable Control Panel

Loop Current	500mA per loop
On-Board Sounder Circuits	2x1 Amp programmable
On-Board Relays	2x1 Amp 30vAC/DC programmable(10mA,5vmin)-expandable to 4 using TI-002370 (2-Way Relay Card)
Auxiliary Supply	1 x 24v500mA
Programmable Input	1 x monitored programmable input on-board
Programmable Key Switch Inputs	8 volt free inputs
Total Available Output Current	5A maximum available for loop current + sounder outputs + auxiliary supply
Mains Supply	200 - 240v 47-63 HzAC (+10%, -15% tolerance) 1.4Amax
Charger Current	2A 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)
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	Cable Entry	Battery Capacity (Internal)	
	H X W X Dmm	(20mm Knockouts)	Min	Max
Standard	345 x 430 x 85	13 x top, 8 x rear	24v 4Ah	24v, 7Ah
Large	475 x 450 x 120	19x top, 11x rear, 2x bottom	24v 4Ah	24v 18Ah

## ORDER CODES AND OPTIONS

Enclosure/Protocol	Intelli-Sense
Standard	TI-002318-V
Large	TI-002318-VL



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