

PRODUCT DATASHEET - 2-8 LOOP FIRE ALARM CONTROL PANEL



INTELLI-SENSE

Addressable Control Panel

TI-002320-FT

DESCRIPTION

The Intelli-Sense series is fully expandable from 2 to 8 loops and supplied with 8 onboard sounder circuits, 20 programmable Zonal LEDs with slide-in labels, and 25 System LEDs for information purposes.

There are also 8 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 onsite 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 to include a configuration, service, logo and virtual panel tool 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 peripherals, 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

- Fully expandable from 2-8 loops via plug-in loop driver boards.
- 20 programmable Zonal / 25 System LEDs with slide-in labels.
- 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.
- 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 facility for ease of commissioning and fault finding.
- Fully programmable via the onboard alphanumeric keypad, or PC configuration tools.
- The graphical display can be configured to operate with virtually any language or character set and allow the installer's logo to be applied using the Logo application software.
- Robust removable equipment chassis with plug-in connectors for simple fixing and cable termination.
- 2x5 Amp power supply and charger to En54 part 4.
- Integral Peripheral Bus for system expansion via available option cards.
- Intelli-Sense-NeT peer-to-peer network with up to 2000 zones.
- 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 7 bi-colour (Fault & System)
Controls Protocol	Alpha numeric keypad permitting Navigation, Reset, Mute, Silence, Resound, Evacuate, and 4 x Programmable Push Buttons Actual 2
Protocol	Fully digital communication protocol
Number of Fire Zones	2000 when networked (400 max across 8 loops)
Number of Loops	Dedicated 2-8 loop control panel
Devices per Loop	240 Addressable Detectors and Devices

Call: **0-113-868-6666**
/ 0-126-891-9999

Visit our website: ceasefire.co.uk

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Loop Current	500mA per loop
On-Board Sounder Circuits	8x1 Amp programmable
On-Board Relays	4x1Amp 30vAC/DC programmable (10mA,5vmin)-expandable to 8 using 2x TI-002370 (2-Way Relay Card)
Auxiliary Supply	2 x 24v 500mA2
Programmable Input	2 x On-board Programmable Input
Programmable Key Switch Inputs	16 volt free digital inputs
Total Available Output Current	2 x 5A maximum available for loop current + sounder outputs + auxiliary supply
Mains Supply	200 - 240v 47-63 Hz AC (+10%, -15% tolerance) 1.4Amax
Battery Capacity	2 x 24V4Ah internal(min),2x24V,18Ah internal(max), or 1x24V45Ah internal(max) and1x24V 45Ah external (max) using optional battery enclosure
Charger Current	2 x 2.0A temperature compensated
Serial Port	2 x on-board RS232 connection for PC, modem, IP or portable printer
USB Interface	2 x USB B type connection for PC communication
Programming	On-board keypad or PC running Windows tools
Event Log	2 x 5000 Event & Diagnostic + 500 Fire
Printer(Optional)	On-board
Enclosure/Colour	Steel IP30 /RAL7035
Cable Entry (20mm knockouts)	30 x top, 6 x rear, 3 x bottom plus 2 x double knockout rear
Size H x W x D mm	750 x 450 x 190

ORDER CODES AND OPTIONS

Panel/Network	Intelli_Sense
2 Loop Panel Expandable Upto 8 loops - Standard Version	TI-002320-ST
2 Loop Panel Expandable Upto 8 loops - Fault-Tolerant Version	TI-002320-FT



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