

## **iRIS8** - Expandable analogue-addressable Fire alarm Control panel

- Expandable from 1 to 8 loop controllers
- Up to 2000 devices per system
- 10 000 events log



### DESCRIPTION:

iRIS8 is the latest generation of analogue-addressable fire alarm panel in the Teletek Electronics portfolio. The possibility to integrate eight loop expanders into a single system makes the panel suitable for use in small to large buildings and installations. The panel itself has a modular structure "4+4" loops, which further helps in designing a wide range of projects. Improved for networking with Teletek panels makes it applicable for very large projects as well. With the possibility to communicate via ModBUS protocol, the panel becomes easy to integrate into a Building Management System (BMS) for so-called "smart buildings". It supports the ModBUS TCP/IP and RS485 communication protocols, thus enabling the construction of a network with up to 64 panels. The IRIS8 is the first Teletek panel that can work with its new range of wireless detectors. Due to the fact that the panel has two processors (one main and one backup), it can work with more than 512 devices, both in normal and fault mode. Under system mode failure means a failure in the main processor in which the operation is completely switched to the backup processor.

### FEATURES

- Expandable from 1 to 8 loop controllers
- 2000 devices per system
- 10 000 events log
- 7" TFT (color) display
- Multilanguage menu
- 200 Zone LED Indicators
- Increased Sounder outputs – 1A/24Vdc in main panel and 1A/24Vdc in the supplementary
- AUX 24V/0,3A output for powering external consumers is upgraded with reset function
- Redundant processor back up to the main one
- Inputs for fire extinguishing panel signals
- Detection and exact location of dual address devices
- Detection and exact location of a short circuit in the loop
- Loop break notification
- ModBUS TCP/IP protocol
- Changeable company logo file on the main screen
- Connectivity panel - Cloud server – mobile application for remote access for control, maintenance and programming

### TECHNICAL SPECIFICATIONS

- Main Power Supply:..... 110÷230VAC,50÷60 Hz, 2x200W
- Back-up Power Supply- lead batteries.....12V/18Ah, one in the main block + one in the Block expander
- Nominally internal battery resistance..... <0,30hm
- Storage Temperature: .....-10°C to +60°C
- Operating temperature .....-5°C to +40°C
- Dust and moisture protection.....IP 30
- Relative Humidity:.....up to 95% (without condense)
- Dimensions..... 430/330/120mm
- Weight..... Min. configuration 7kg/ Max. configuration 15kg (without battery)

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## COMPATIBLE PRODUCT RANGE

- IRIS TTE loop Expander - controller for connection with up to 250 SensolRIS devices using the Teletek communication protocol
- Network Module by RS485 protocol - IRIS/SIMPO Redundant module
- SensolRIS Series analogue-addressable devices - detectors, call points, modules and sounders.
- IRIS/ SIMPO Repeater - external display and keyboard for control/messaging
- IRIS PS72 - additional power unit with batteries. Metal box for modular structure with iRIS8.
- IRIS Printer - Thermal printer in a metal box, suitable for building up a modular structure with iRIS8.
- Observer – Local Monitoring Software.
- Flush Mounting Kit FMK - Plug-in for wall installation