

iRIS8 - Expandable Addressable Fire alarm Control panel

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



DESCRIPTION:

iRIS8 is the most powerful and sophisticated intelligent addressable fire alarm panel in Teletek Electronics portfolio. Intelligent and technically advanced, it has enhanced integration and networking capabilities to meet the current and future needs of small to larger buildings and installations. The initial purpose of iRIS8 is to be used for fire alarm warning but due to its flexible design it can be modified to carry out many other functions like control and indication applications, with direct integration into intelligent buildings through MODBUS protocol. The available configuration varies from 1 to 8 detection loops. iRIS8 can network up to 64 panels, making it ideal for the largest sites including schools, hospitals, multi-site retail/supermarkets, critical infrastructure and major commercial and industrial facilities. iRIS8 supports two protocols for communication in order to provide a vast range of devices and cope with the most demanding projects. Combined with the modular structure and the networking features there is no project which can't be realized with iRIS8.

In addition to the above the most powerful feature of iRIS8 is the constant improvement through direct customer feedback and frequent new feature updates.

FEATURES

- Expandable from 1 to 8 loop controllers
- 2000 devices per system
- 10 000 events log
- 7" LCD (color)
- Multilanguage support
- 200 Zone Indicators – 500 Software zones
- Increased Sounder outputs – 1A + 1A in IRIS8 Ext.
- AUX – Upgraded with reset function
- Redundant processor
- Double address detection and localization
- Short circuit detection and localization
- Loop break detection
- ModBUS TCP/IP protocol
- Changeable logo picture
- Cloud server and mobile application

TECHNICAL SPECIFICATIONS

- Main Power Supply:110÷230VAC,2x 200W
- Frequency: 50÷60 Hz
- Back-up Power Supply.....12V/ 18Ah, Lead-acid type (+1 in IRIS8 Ext)
- Internal battery resistance..... <0,30hm
- Storage Temperature: -10°C to +60°C
- Operating temperature -5°C to +40°C
- IP..... 30
- Relative Humidity:.....up to 95% (without condense)
- Dimensions..... 430/330/120mm
- Weight..... Min. configuration 7kg/ Max. configuration 15kg (without battery)

Last update: 03.2021

COMPATIBLE PRODUCT RANGE

- IRIS TTE loop - Expander for 1 loop, TTE communication protocol, up to 250 SensolRIS devices.
- Redundant network module - Optional module for RS485 redundant network.
- SensolRIS Series - Addressable detectors, call points, modules and sounders.
- IRIS/ SIMPO Repeater - Repeater panel for visualizing the information from one or connected in network panels.
- IRIS PS72 - Back-up power supply unit in a metal box, suitable for building up a modular structure with iRIS8.
- IRIS Printer - Thermal printer in a metal box, suitable for building up a modular structure with iRIS8.
- Observer - Monitoring Software.
- Flush Mounting Kit FMK