SensoIRIS

Teletek electronics

Repeater
IRIS/SIMPO Repeater Fire Alarm Panel

EN54-2/4*

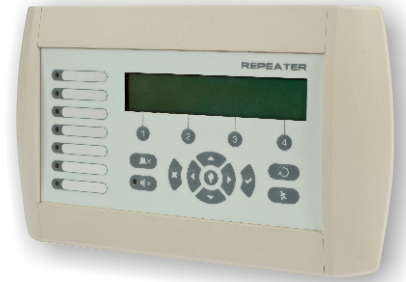### Description

The Repeater fire alarm panel is designed to work with Teletek Electronics addressable fire alarm panels IRIS, IRIS PRO and SIMPO. It is used to display the events of the connected to network addressable panels.

The connection between Repeater panel and other addressable panels IRIS and/or SIMPO is via redundant network module based on RS485 interface. Maximum number of fire alarm panels in network is 32. Maximum distance between two panels is up to 1000m.

The information for events are visualized on LCD display and LED indication for the system status. The Repeater panel has a built-in real time clock. Available micro USB for latest software and firmware updates.

Technical and Environmental Specifications

Power Supply:
- From the panel . . . . AUX/GND
- External power supply unit. . . . . (24±4)VDC
Maximum power consumption 0.11A
Communication . . . . RS 485
Twisted pair cable UTP CAT 5:
- Maximum length between repeater and panel . . . . max. 1000m
- Cross Section . . . . 0.5-2.5mm^2
Protection class. IP40
Color, Material. . . . . White, ABS
Dimensions of panel 200x330x48mm
Maximum number of supported panels in network 32
Network type. . . . . Ring
Memory LOG. . . . . 10 000 events
Multi language support. . . . . YES
Operating temperature. . . . . -5℃ to +50℃
Relative humidity resistance 95%
Weight . . . . ~ 770g

CE

*The panel complies with the following standards:
EN 54-2, when connected to panels IRIS and SIMPO via module redundant network; EN 54-4, when the Repeater is equipped with auxiliary power supply meeting this standard.

IMPORTANT NOTE!

Operation with Repeater Panel is supported for the following revisions of the panels:

IRIS fire alarm panel:
•LCD PCB Hardware revision: 2.4 and higher
•MAIN Board Firmware revision: 4.2 and higher

SIMPO fire alarm panel:
•MAIN Board Firmware revision: 2.8 and higher

Compatible Product Range
- •**IRIS** addressable fire panel + **Redundant network module**
- •**IRIS PRO** addressable fire panel + **Redundant network module**
- •**SIMPO** addressable fire panel+ **Redundant network module**
- •**PS2410** auxiliary power supply unit

Packing Information
- •**Single packing box** - 1 unit Repeater panel, dimensions 205x335x53mm
- •**Carton packing box** - 6 units Repeater panel, dimensions 360x345x252mm

Contact Information:

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