

# Repeater

## FOT-IRIS/SIMPO Repeater Fire Alarm Panel

**EN54-2/4\***

### Description

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

The connection between Repeater panel and other addressable panels FOT-IRIS and/or FOT-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 CAT5:**

- Maximum length between repeater and panel . . . max. 1000m
- Cross Section ..... 0.5-2.5mm<sup>2</sup>

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°C to +50°C

Relative humidity resistance ..... 95%

Weight ..... ~ 770g

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

### Compatible Product Range

- **FOT-IRIS** addressable fire panel + **Redundant network module**
- **FOT-IRIS PRO** addressable fire panel + **Redundant network module**
- **FOT-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

**IMPORTANT NOTE!**

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

**FOT-IRIS fire alarm panel:**  
µLCD PCB Hardware revision: 2.4 and higher  
µMAIN Board Firmware revision: 4.2 and higher

**FOT-SIMPO fire alarm panel:** µMAIN Board Firmware revision: 2.8 and higher

### Contact Information:

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