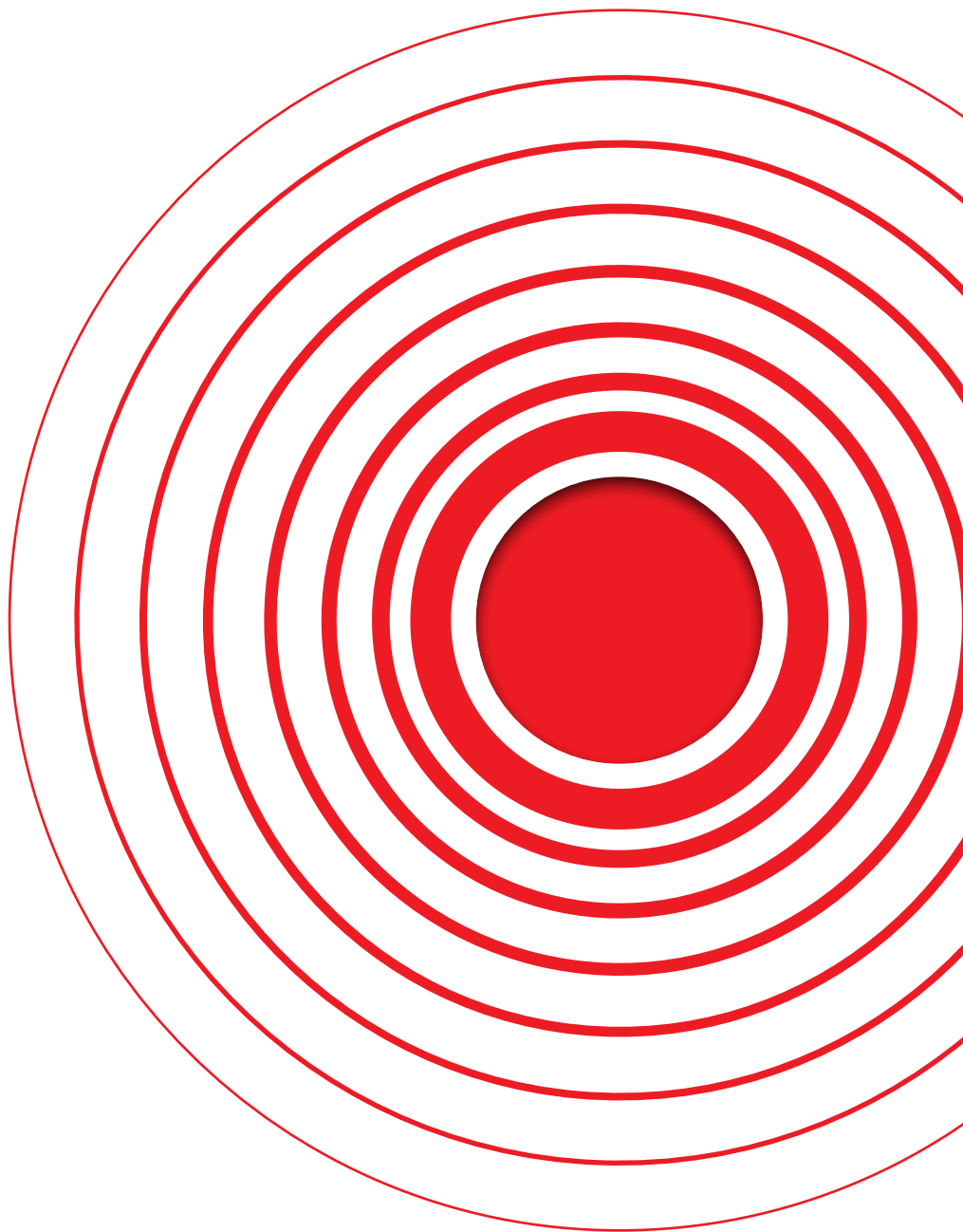# Teletek
electronics

2018

Fire Alarm Systems

Product catalogue

TELETEK ELECTRONICS JSC IS A HIGH-TECH MANUFACTURER OF A FULL RANGE OF INTRUDER AND FIRE ALARM SYSTEMS

In 2016, Teletek Electronics celebrated its 25th anniversary on the global intruder and fire alarm systems market!

Now, after 27 years, we continue to search, develop and realize high performance products and solutions, combining our profound technological experience, strong production capacity, and the energy and passion of our people.

The heart of Teletek Electronics' success is its productive flexibility that is expressed not only in the wide production range but also in the ability to design and make specific and exclusive versions of the product in collaboration with the Customer. This important plus brings about obvious advantages, especially in the area of intruder and fire alarm systems where the elaboration process of a customized product is sometimes very hard.

Our company works with 2 hi-tech SMD lines consisting of DEK Ela screen, PHILIPS Topaz-X Pick and Place machines and ERSA Hotflow5 oven. With capability of placing over 30 000 components per hour, the pick-and-place machines enable our high skilled and motivated engineers to mount fine pitch components, BGA components and micro BGA components as well as Double-sided Reflow Soldering.

As recognition for its high quality and reliable production Teletek Electronics is awarded with ISO 9001:2015 Certificate.
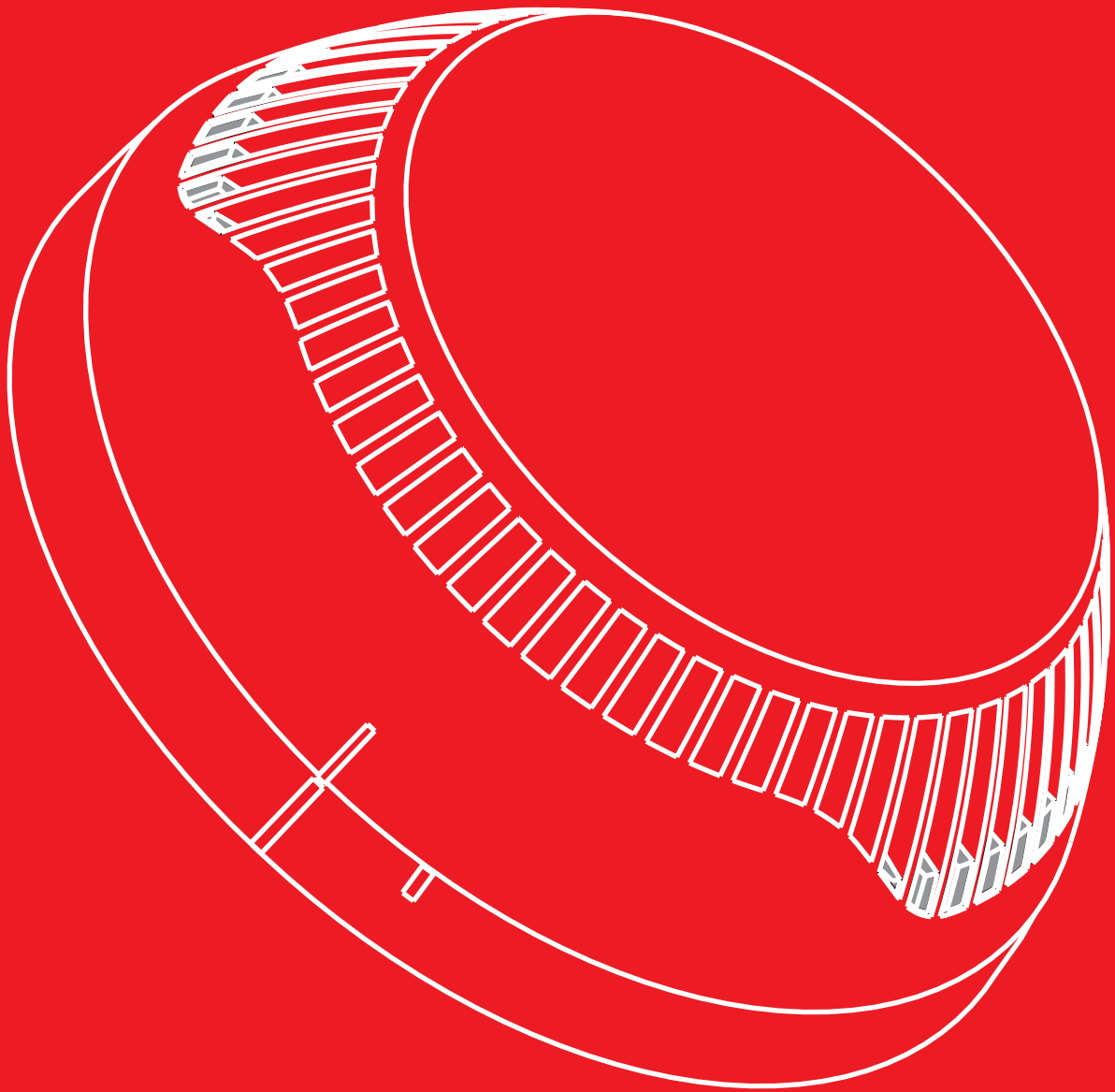
What we have achieved for 27 years:
- Continuous innovation;
- More than 130 employees;
- Export in 75 countries;
- More than 30 million manufactured products;
- Almost a million buildings, secured by Teletek Electronics' systems.

We look forward to work, grow, explore and enjoy the next coming years!

2018

ADDRESSABLE FIRE ALARM SYSTEMS

IRIS /SIMPO
ADDRESSABLE PANELS

	IRIS PRO	IRIS	SIMPO
Loops	1-4	1 - 4	1 - 2
Devices per Loop	250	250	250
Expansion Loop Types	IRIS TTE/IRIS SS	IRIS TTE/IRIS SS	Simpo TTE
Galvanic Separation in Loops	Yes	Yes	No
Built-in isolator in Loops	Yes	Yes	Yes
Total number of devices per system	1000	1000	500
Zones	96	96	48
Multi language display	Yes	Yes	Yes
Redundant processor	Yes	Yes	No
Event Log	10 000	10 000	10 000
Day/Night Mode	Yes	Yes	Yes
Sounders/Strobes Synchronization	Yes	Yes	Yes
Display	320/240 touch screen	320/240 touch screen	4*40 symbols LCD
TCP/IP	Yes (built-in)	Yes (built-in)	No
Redundant network (RS485)	Yes (optional)	Yes (optional)	Yes (optional)
Battery	1x12V/18Ah	1x12V/18Ah	1x12V/18Ah
Monitoring of the internal battery resistance	Yes	Yes	Yes
Box	Metal	Metal with plastic cover	Metal
Color	Grey	White	White/Grey
Dimensions	430x330x117mm	441x331x80mm (bottom) 461x344x41mm (cover)	306x412x81mm
Flush mounting	No	Yes	No
Software Support	ProsTE/Observer	ProsTE/Observer	ProsTE
Standard	EN54 - 2/4	EN54 - 2/4	EN54 - 2/4

IRIS
ADDRESSABLE PANELS

- Up to 4 loops with up to 250 devices per loop
- Works with Teletek Electronics and System Sensor communication protocols

IRIS and IRIS PRO are addressable fire alarm panels with 1 to 4 loops and maximum coverage of 96 zones. Up to 250 devices can be connected to every system loop. The information for the system status is visualized on sensitive graphic display and LED indication for zones and troubles. With special "2 Steps of alarm level" working algorithm the false alarms are effectively minimized. The panels have a comprehensive day/night mode facility. The panels support two communication protocols: Teletek Electronics (IRIS TTE loop) and System Sensor (IRIS SS loop) according to the type of the used devices. Up to 32 IRIS/IRIS PRO panels can be connected in Ethernet or RS485 redundant network. Supports operation with Observer monitoring software for IRIS panels connected in a network is available. Direct programming with ProsTE software.

IRIS

IRIS PRO

EN54 - 2/4

Technical Specifications

Main Power Supply ....230VAC +10%/-15%
Frequency 50/60Hz
Electrical output 7.0A
Internal resistance of the battery ....<0.3 Ohm
Operating temperature....................-5°C to +40°C
Weight (without battery) 6kg

Functional Features

Loops:	1 to 4
Devices per loop:	250 (TTE loop); 198 (SS loop)
Zones:	96
Back-up battery:	1, 12V/18Ah
Outputs:	4, monitored, relay type
Outputs (non-monitored, programmable, relay type):	4, 15A@24VDC
Programmable inputs/outputs:	Up to 250
Memory LOG:	10 000 events
Panels in Ethernet network (built-in TCP/IP):	Up to 32
Panels in RS485 redundant network (optional module):	Up to 32
Thermal printer:	Optional
Display:	320/240 touch screen
Multi language support of the software:	Yes
Programming:	ProsTE software
Standard:	EN54 - 2/4

6

IRIS PRO
ADDRESSABLE PANEL

- Compact design in a metal box suitable for arranging of modular structures
- Easy installation and maintenance

Specially designed box for building of modular structures when optional thermal printer and extra power supply are a must for the site installation. The boxes are easily mounted to each hiding all power and connection cables inside. The connected printer provides quick and easy access to the panel's events log. The extra power unit accommodates additional back-up power for longer operation when the mains failures.

IRIS Printer
- Thermal printer in a metal box
- Suitable for modular structure
- Power supply 100-240VAC, 1.5A
- Serial interface RS-232C to IRIS PRO
- Paper wight 80mm, valid print wight 72mm
- Print speed max. 170mm/sec
- Self test and status indication
- Colour - grey
- Dimensions - 430x330x117mm

IRIS PS
- Back-up power supply unit
- Suitable for modular structure
- Power supply 100-240VAC, 1.5A
- Place for 2 accumulator batteries 12V/18Ah
  (max. size of a battery 167x181x76mm)
- Status indication
- Colour - grey
- Dimensions - 430x330x117mm

IRIS TTE Loop
- Loop Expander for 1 loop
- TTE protocol
- Supports SensoIRIS devices
- Max. consumption of the loop devices - 0.5A
- Max. number of devices in the loop - 250

IRIS SS Loop
- Loop Expander for 1 loop
- System Sensor protocol
- Supports System Sensor devices
- Max. consumption of the loop devices - 0.5A
- Max. number of devices in the loop -
198 (99 detectors + 99 devices)

IRIS/SIMPO Redundant module
- RS485 Network module
- The maximum length between two modules is 1000m

SIMPO
ADDRESSABLE PANEL

• Up to 2 loops with up to 250 devices per loop
• Entry level solution for smaller addressable installations

SIMPO is the perfect solution for your cost effective installations. It supports operation with up to two loops with coverage of 48 zones. 250 devices with Teletek Electronics protocol (SIMPO TTE Loop) could be connected to each loop. System status is visualized via LCD display and LED indication. Up to 32 SIMPO panels can be connected in RS485 redundant network or Ethernet network. Direct programming with ProsTE software is available. The panel comes in a metal casing with a multilingual LCD display and front foil for easier customizing.

EN54 - 2/4

Loops:	1 to 2 (TTE protocol)
Devices per loop:	250
Zones:	48
Back-up battery:	1, 12V/18Ah
Inputs:	3
Outputs: (monitored, relay type)	5
Outputs (non-monitored, programmable, relay type):	4, 15A@24VDC
Memory LOG:	10 000 events
Panels in RS485 redundant network (optional module):	Up to 32
Thermal printer:	Optional
Display:	4*40 symbols
Multi language support of the software:	Yes
Programming:	ProsTE software
Standard:	EN54 - 2/4

Technical Specifications

Main Power Supply ....90 ÷ 264VAC
Frequency ....47 ÷ 440Hz
Electrical output 4.2A
Internal resistance of the battery .....<0.3 Ohm
Operating temperature.................... -5°C to +40°C
Weight (without battery) 4.2kg

SIMPO TTE Loop
• Loop Expander for 1 loop
• TTE protocol
• Supports SensoIRIS devices
• Max. consumption of the loop devices - 0.5A
• Max. number of devices in the loop - 250

IRIS/SIMPO Redundant module
• RS485 Network module
• The maximum length between two modules is 1000m

REPEATER

IRIS/SIMPO REPEATER PANEL

The Repeater panel is designed to display the events of the connected in redundant network IRIS and SIMPO addressable fire panels.

The Repeater 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 the network addressable panels. The connection between the Repeater panel and addressable panels IRIS , IRIS PRO and/or SIMPO is via redundant network module. The maximum number of fire alarm panels in a network is 32. The maximum distance between two panels is up to 1000m. The information for events is visualized on LCD display and with 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.

EN54 - 2/4*

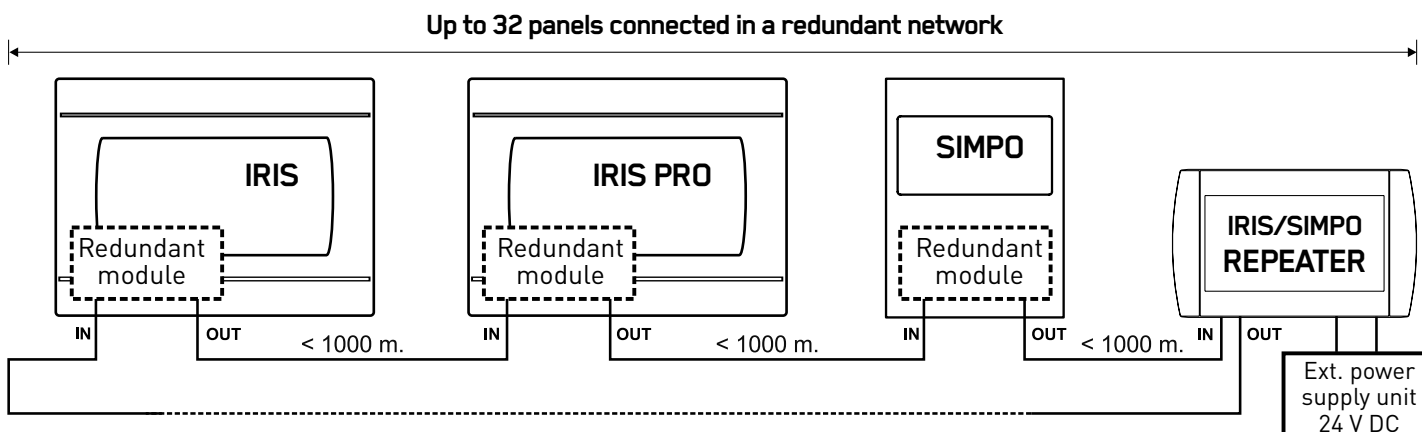|	
Protocol type:	TTE
Panels in RS485 redundant network:	Up to 32
Network type:	Ring or line topology
Connection wires:	0.5-2.5mm^2
Max. length between two panels:	1000m
Memory LOG:	10 000 events
Display:	4*40 symbols
Multi language support of the software:	Yes

Technical Specifications

Main power supply .... 24±4VDC
Frequency 50/60Hz
Max. consumption 0.11A
Operating temperature .... -5°C to +50°C
Weight 0.77kg
Dimensions 200x330x48mm

* The panel complies with the following standards:
EN54-2 - in case the repeater panel is connected to IRIS or SIMPO addressable panels in a redundant network
EN54-4 - in case the repeater panel is powered on with external power supply unit, which covers this standard

Up to 32 panels connected in a redundant network

IRIS — Redundant module — IN — OUT — < 1000 m.
IRIS PRO — Redundant module — IN — OUT — < 1000 m.
SIMPO — Redundant module — IN — OUT — < 1000 m.
IRIS/SIMPO REPEATER — IN — OUT
Ext. power supply unit 24 V DC

SENSOIRIS
ADDRESSABLE DETECTORS

PRODUCT LIFETIME GUARANTEE

SensoIRIS T110/T110 IS

• Fixed Temperature and Rate of Rise detector
• Supports Teletek Electronics protocol
• Class, selectable from the control panel - A1/R, A2/S, B/S
• Day/Night mode (programmable from the panel)
• Low profile design
• LED indication with 360° visibility
• Available with built-in isolator - SensoIRIS T110 IS
• IP30

EN54-5
EN54-17

SensoIRIS S130/S130 IS

• Optical smoke detector
• Supports Teletek Electronics protocol
• Sensitivity, selectable from the control panel - High/Normal/Middle/Low
• Day/Night mode (programmable from the panel)
• Low profile design
• LED indication with 360° visibility
• Available with built-in isolator - SensoIRIS S130 IS
• IP30

EN54-7
EN54-17

SensoIRIS M140/M140 IS

• Combined detector
• Supports Teletek Electronics protocol
• Class (in accordance with EN54-5) - A1/R
• Sensitivity (in accordance with EN54-7) - High/Normal/Middle/Low
• Day/Night mode (programmable from the panel)
• Low profile design
• LED indication with 360° visibility
• Available with built-in isolator - SensoIRIS M140 IS
• IP30

EN54-5/7
EN54-17

SensoIRIS B124

• Compatible with SensoIRIS detectors and wall sounders
• Wire gauge for terminals - 0.4 - 2.0mm^2
• Material (plastic), color - ABS, white

SENSOIRIS
ADDRESSABLE MODULES

SensoIRIS MCP150
- Manual call point
- Supports Teletek Electronics protocol
- Type of the working element - resettable (flexible)
- Type (according to EN54-11) - A
- Built-in isolator
- Material (plastic), color - ABS, red
- Optional protective plastic cover
- IP40

EN54-11
EN54-17

SensoIRIS MIO
- Input/output modules
- Supports Teletek Electronics protocol
- Placed in plastic box with transparent cover for easy inspection
- Built-in isolator
- Loop powered
- Available versions - MIO22 (2 inputs/2 outputs); MIO04 (4 outputs); MIO40 (4 inputs)
- IP40

EN54-18
EN54-17

SensoIRIS MC-Z
- Conventional zone module
- Supports Teletek Electronics protocol
- Provides interface between a zone of conventional detectors and an addressable IRIS and SIMPO TTE loop expander
- Placed in plastic box with transparent cover for easy inspection
- Built-in isolator
- Loop powered
- IP40

EN54-18

SensoIRIS MOUT
- Potential output for conventional sounders
- Supports Teletek Electronics protocol
- Provides interface between a zone of conventional sounders and an addressable IRIS and SIMPO TTE loop expander
- Placed in plastic box with transparent cover for easy inspection
- Built-in isolator
- IP40

EN54-18
EN54-17

SensoIRIS MOUT - 240
- Electrical mains switching output
- Supports Teletek Electronics protocol
- Suitable for control of 240VAC voltage circuits
- Placed in plastic box with transparent cover for easy inspection
- Built-in isolator
- Loop powered
- Available versions: MOUT-240/1 (with 1 relay output); MOUT-240/2 (with 2 relay outputs)
- IP40

EN54-18

SENSOIRIS
ADDRESSABLE MODULES

SensoIRIS MISO

• Isolator module
• Placed in plastic box with cable running holes for easy installation
• Supports Teletek Electronics protocol
• IP40

EN54-17

SensoIRIS MINP

• Mini input module
• Used for connection of external control devices, gas detection, panic switches, etc
• Compact size for built-in mounting
• Supports Teletek Electronics protocol

EN54-18

SensoIRIS GAS

• Addressable gas detector
• Supports Teletek Electronics protocol
• Detection of natural gas (methane) and LPG (propane-butane)
• LED indication for the status
• Pre alarm and Fire alarm status alert
• Built-in isolator module
• Color - orange
• Standard EN 50270
• IP65

SensoIRIS Programmer

• Programming tool
• Compatible with SensoIRIS detectors, sounders and modules
• Supports Teletek Electronics protocol
• Mobility in operation
• Multi language support
• Optional battery power supply 4x1.5V (not included)
• The kit includes: cables for programming SensoIRIS modules; AC-DC adapter

SENSOIRIS

ADDRESSABLE SOUNDERS/STROBES

SensoIRIS WSOU/WSOU IS

- Wall mount sounder
- Two sound levels - LOW: 82-92dB; HIGH: 100-103dB
- Up to 60 (LOW sound level) / 30 (HIGH sound level) sounders per loop
- 32 tone types selectable from the panel
- Supports Teletek Electronics protocol
- Loop synchronization for better alarm signal
- Loop powered
- Color - red
- Available in version with built-in isolator (SensoIRIS WSOU IS)
- IP21C, type A

EN54-3
EN54-17

SensoIRIS WS/WS IS

- Wall mount sounder and strobe
- Two sound levels - LOW: 80-88dB; HIGH: 92-98dB
- Up to 60 (LOW sound level) / 30 (HIGH sound level) sounders per loop
- 32 tone types selectable from the panel
- Supports Teletek Electronics protocol
- Loop synchronization for better alarm signal
- Loop powered
- Color - red, transparent
- Available in version with built-in isolator (SensoIRIS WS IS)
- IP43C, type B

EN54-3

SensoIRIS WSST/WSST IS EN54-23

- Wall mount sounder and strobe - Visual Alarm Device (VAD)
- Two sound levels - LOW: 80-88dB; HIGH: 92-98dB
- Up to 60 (LOW sound level) / 30 (HIGH sound level) sounders per loop
- 32 tone types selectable from the panel
- Supports Teletek Electronics protocol
- Loop synchronization for better alarm signal
- Loop powered
- Color - white, transparent
- Available in version with built-in isolator (SensoIRIS WSST IS EN54-23)
- IP21C, type A
- Coverage volume: Open class

EN54-3/23
EN54-17

SensoIRIS BSOU/BSOU IS

- Base with built-in sounder, compatible with SensoIRIS detector series
- Suitable for wall or ceiling mounting
- Two sound levels - LOW: 82-92dB; HIGH: 100-103dB
- Up to 100 (LOW sound level) / 30 (HIGH sound level) sounders per loop
- 32 tone types selectable from the panel
- Supports Teletek Electronics protocol
- Loop synchronization for better alarm signal
- Loop powered
- Color - white
- Available in version with built-in isolator (SensoIRIS BSOU IS)
- IP21C, type A
- Optional cover when the base is used only as a sounder

EN54-3
EN54-17

SensoIRIS BSST/BSST IS

- Base with built-in sounder and strobe, compatible with SensoIRIS detector series
- Two sound levels - LOW: 82-92dB; HIGH: 100-103dB
- Up to 100 (LOW sound level) / 30 (HIGH sound level) sounders per loop
- 32 tone types selectable from the panel
- Supports Teletek Electronics protocol
- Loop synchronization for better alarm signal
- Loop powered
- Color - white
- Available in version with built-in isolator (SensoIRIS BSST IS)
- IP21C, type A
- Optional cover when the base is used only as a sounder

EN54-3
EN54-17

SENSOIRIS
IP PROTECTED DEVICES

SensoIRIS MCP150 IP67

EN54-11
EN54-17
EN60529

• Waterproof protected manual call point
• Supports Teletek Electronics protocol
• Built-in isolator module
• Surface mounting
• Resettable flexible element
• Type (according to EN54-11) - A
• LED indication
• Special test tool for resetting after alarm event
• Protective plastic cover
• Cable glands and o-ring protected sealant
• IP67 according EN 60529

SensoIRIS WSB IP65

• Waterproof protected deep base
• Wall mounting
• SensoIRIS B124 standard base factory mounted
• Installation wires - 3mm^2
• Cable glands and o-ring protected sealant
• IP65 according EN 60529
• Compatible with SensoIRIS wall sounders:
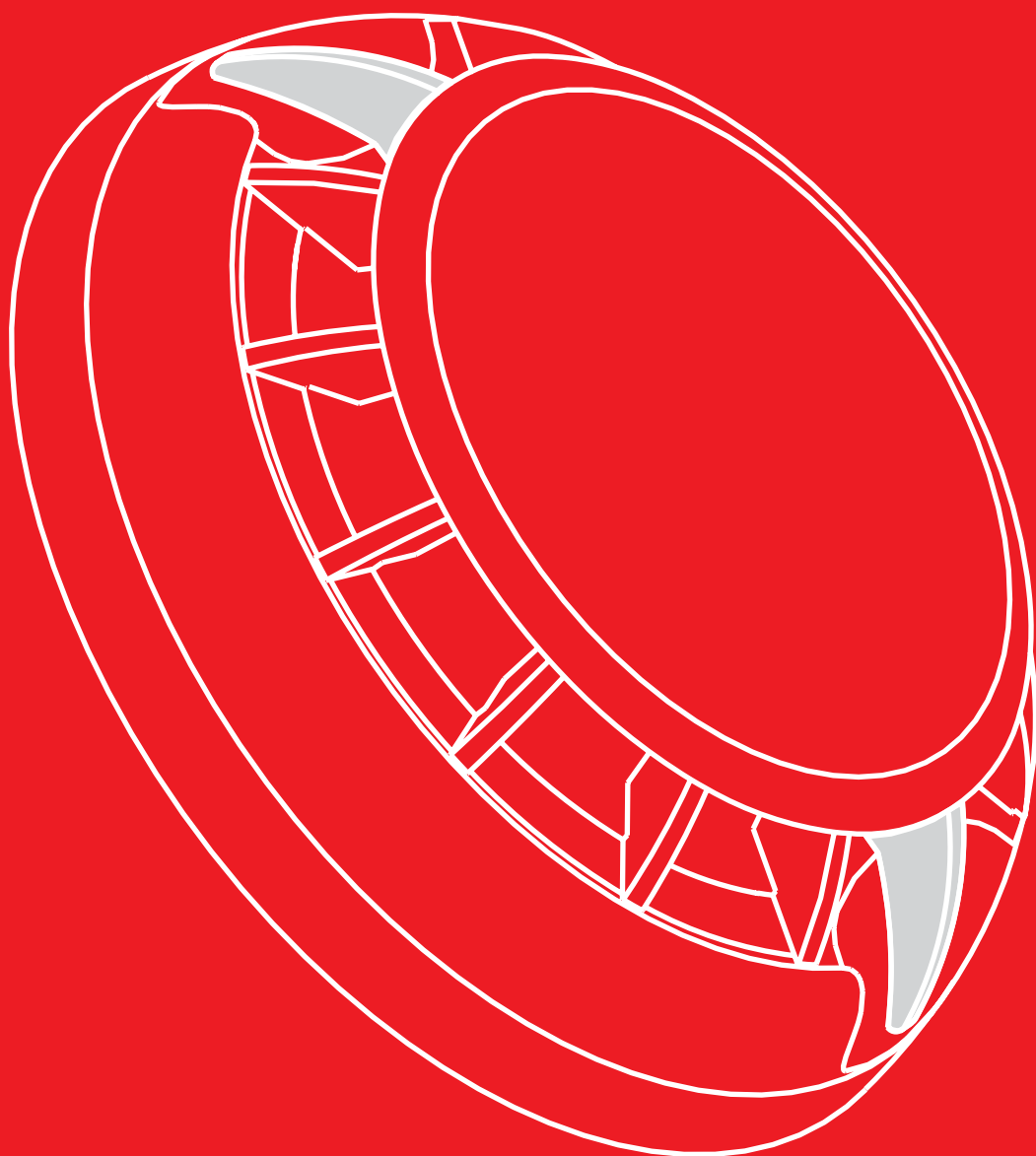
WSST/WSST IS   WSOU/WSOU IS   WS/WS IS

SensoIRIS IP55 PS Box

• Optional box for SensoIRIS Modules
• IP55
• PS Material

CONVENTIONAL FIRE ALARM SYSTEMS

MAG SERIES
CONVENTIONAL PANELS

EVPÜ®

	MAG2	MAG4	MAG8	MAG8Plus
Zones	2	4	8	8-16
Devices	32 per zone*	32 per zone*	32 per zone*	32 per zone*
Double knock	No	No	Yes	Yes
Sounder output	2 (0.3A)	2 (0.3A)	2 (0.5A)	4 (0.3A)
Fire relay	Yes	Yes	Yes	Yes
Fault relay	Yes	Yes	Yes	Yes
AUX output	Yes (0.3A)	Yes (0.3A)	Yes (0.3A)	Yes (0.3A)
Sounder delays	No	No	Yes	Yes
Instant zone	No	No	Yes	Yes
Indication	LED	LED	LED	LED
Access protection	Key	Key	Key	Key
Plastic box/Metal box	Yes/Yes	Yes/Yes	Yes/No	Cover: plastic, Bottom: metal
Zone expander	No	No	No	Yes
Sounder expander	No	No	No	Yes
LOG module	No	No	Yes	Yes
Relay expander	No	No	Yes	Yes
Battery	1x12V/7Ah	1x12V/7Ah	1x12V/7Ah	1x12V/18Ah
Standard	EN54 - 2/4	EN54 - 2/4	EN54 - 2/4	EN54 - 2/4

* with SensoMAG detectors

MAG2/4/8
CONVENTIONAL PANELS

MAG2, MAG4 and MAG8 are conventional fire detection and indication panels certificated by EN54-2/4. MAG2 maintains 2 fixed zones with fire detectors and call points; MAG4 maintains 4 fixed zones and MAG8 - 8 fixed zones.
The MAG2, MAG4 and MAG8 panels have small size, handy cabinet, internal self-testing for technical faults.
Easy for installation and maintenance, user-friendly and simple operation - that makes the MAG fire panels suitable for home, small and middle office applications.

Zones:	
• MAG2	2 fixed zones
• MAG4	4 fixed zones
Devices per zone:	32
Back-up battery:	1, 12V/7Ah
Sounder outputs:	2, monitored, 0.3A each
AUX output:	24VDC/0.3A fuse
Multi language support:	Yes

MAG2

MAG2P

MAG4

MAG4P

Functional Features

• Active EOL allowing continuous monitoring of inputs
• Levels of access protected by means of key
• Easy operation and maintenance
• Metal or plastic box

Technical Specifications

Main Power Supply ....230VAC ± 10%
Current consumption (mains failure) 50mA
Internal resistance of the battery ....<1.6 Ohm
Operating temperature ....-5°C to +40°C
Weight (without battery) MAG2 ....2.7kg (m); 2.1kg (p)
Weight (without battery) MAG4 ....3.5kg (m); 2.1kg (p)
Dimensions of the metal box (MAG2) 200x290x80mm
Dimensions of the metal box (MAG4) 320x220x80mm
Dimensions of the plastic box................340x290x100mm

Zones:	8 fixed zones
Devices per zone:	32
Back-up battery:	1, 12V/7Ah
Sounder outputs:	2, monitored, 0.5A each
Multi language support:	Yes
Double knock mode:	Yes
Sounders delay:	1-10 min, Programmable

MAG8

Functional Features

• Supports relay expander MR8 and LOG module ML
• Active EOL allowing continuous monitoring of inputs
• Levels of access protected by means of key
• Easy operation and maintenance
• Simple programming by means of jumpers
• Plastic box

Technical Specifications

Main Power Supply ....230VAC ± 10%
Current consumption (mains failure) 125mA
Auxiliary output.....................................24VDC/0.3A fuse
Internal resistance of the battery ....<0.45 Ohm
Operating temperature ....-5°C to +40°C
Weight (without battery) 2.4kg
Dimensions of the plastic box................340x290x100mm

MAG8PLUS
CONVENTIONAL PANEL

• Expandable 8 to 16 zones
• Supports up to 32 detectors and call points per zone

MAG8Plus is a conventional fire detection and indication panel certificated by EN54-2/4. The panel maintains from 8 to 16 zones with fire detectors and call points. MAG8Plus is based on a modular principle - a power unit, a control panel, zone/sounder expanders, an indication module and battery space. A detailed LED indication shows the status of the system, divided into two groups - for technician level and for monitor and observer level.
The MAG8Plus is suitable for vast range of applications - big office buildings, schools, supermarkets, etc.

EN54 - 2/4

Zones:	8, expandable to 16
Devices per zone:	32
Back-up battery:	1, 12V/18Ah
Sounder outputs:	4, monitored, 0.3A each
Multi language support:	Yes
Double knock mode:	Yes
Sounders delay:	1-10 min, Programmable

Technical Specifications

Main Power Supply ....230VAC ± 10%
Current consumption (mains failure) 260mA*
Auxiliary output.....................................24VDC/0.3A fuse
Operating temperature ....-5°C to +40°C
Weight (without battery) 4kg
Dimensions of metal bottom 441x331x80mm
Dimensions of plastic cover...................461x344x45mm

with connected 4 zone expander modules

Functional Features

• Supports relay expander MR8 and LOG module ML
• Active EOL allowing continuous monitoring of inputs
• Levels of access protected by means of key
• Simple programming by means of jumpers

ML
• LOG module for recording and viewing of events
• Compatible with MAG8 and MAG8Plus
• Memory for 8190 events
• Operation keypad with 4 buttons
• LCD display with backlight
• Multi language menus

MS 4
• 4 sounder outputs expander module
• Compatible with MAG8Plus

MR 8
• 8 relay expander module
• Compatible with MAG8 and MAG8Plus
• 1A/12V or 0.5A/24V

ME 4
• 4 zone expander module
• Compatible with MAG8Plus

IVY
EXTINGUISHING PANEL

• Conventional Fire Extinguishing Panel
• 2 zones for extinguishing and 1 conventional fire alarm zone

IVY is a conventional fire extinguishing control panel. The panel is designed for using together with systems for gas, powder, aerosol, water and other types of active extinguishing.

IVY has 3 hardwired zones - 2 for activation of automatic fire detectors and 1 conventional fire zone. Automatic and manual operation modes (selectable via 3 positional key lock) allow the operators to choose the extinguishing process control. The extinguishing process can be activated also manually with a special button on the front panel.

The IVY conventional panel is designed for extinguishing in one zone and can operate with solenoids, pressostats and other kind of actuators.

Optional LOG module for reviewing of recorded memory events (up to 1000 events) can be included in the system configuration.

EN12094-1
EN54 - 2/4

Zones:	3 (2 for extinguishing + 1 conventional fire alarm)
Devices per zone:	32
Back-up battery:	2, 12V/7Ah (serial connection)
Sounder outputs: (monitored, potential)	2, 0.3A each
Extinguishing output: (monitored, potential)	1A@5min/3A@20ms
Inputs: (monitored)	6
Inputs: (non-monitored, relay)	3
Inputs, OC type: (non-monitored)	4
Display:	2-digit, 7-segment, LED
LOG module:	Optional, 1000 events
Multi language support:	Yes
Standard:	EN12094-1; EN54 - 2/4

Technical Specifications

Main Power Supply 90-264VAC
Frequency 70-440Hz
Electrical output 26VDC; 1.5A
Consumption...................................0.3A@230VAC;
                                                           0.7A@110VAC
Internal resistance of the battery ....<0.3 Ohm
Operating temperature....................-5°C to +40°C
Weight (without batteries) ....~3.2kg
Dimensions 324x314x82mm

SensoMAG MRB50

• Standard button used for activation of the extinguishing
• Protective transparent cover
• Resettable flexible element

SensoMAG MHB50

• Standard button used for emergency stop of the gas extinguishing system
• Protective transparent cover

SENSOMAG
CONVENTIONAL DETECTORS

SensoMAG F10

EN54 - 5

- Fixed heat detector
- Detects temperatures over 60°C, class A2/S (SensoMAG F10A)
- Detects temperatures over 75°C, class B/S (SensoMAG F10B)
- Digital processing algorithm
- Low profile design
- LED indication with 360° visibility
- Sensor status indication on every 8 seconds

SensoMAG R20

EN54 - 5

- Rate-of-rise heat detector
- Detects temperatures above 58°C or rapid change in temperature for a period of time, class A1/R
- Digital processing algorithm
- Low profile design
- LED indication with 360° visibility
- Sensor status indication on every 8 seconds

SensoMAG S30

EN54 - 7

- Optical-smoke detector
- Auto compensation
- Digital processing algorithm
- Low profile design
- LED indication with 360° visibility
- Sensor status indication on every 8 seconds
- Rubber gasket ring for increased protection of the smoke chamber

SensoMAG M40

EN54 - 5/7

- Multi criteria (Optical-smoke and Heat) detector
- Auto compensation
- Digital processing algorithm
- LED indication with 360° visibility
- Sensor status indication on every 8 seconds
- Rubber gasket ring for increased protection of the smoke chamber

SENSOMAG
CONVENTIONAL FIRE BASES

SensoMAG B24

• Standard 24V base for SensoMAG detectors
• Compatible with fire panels with alarm state current up to 15mA

SensoMAG B24D

• Standard 24V base with Schottky diode for SensoMAG detectors
• Detects removal of detector from base
• Compatible with fire panels with alarm state current up to 15mA

SensoMAG B24RD

• Standard 24V base with Schottky diode and increased alarm state current for SensoMAG detectors
• Detects removal of detector from base
• Compatible with fire panels with alarm state current from 45mA and higher

SensoMAG B12L/U

• Relay 12V base
• For application in intruder alarm system
• Latched/Unlatched mode

SENSOMAG
CONVENTIONAL CALL POINTS

SensoMAG MCP50

EN54 - 11

- Manual call point
- Surface mounting
- Resettable flexible element
- LED indication
- Special test tool for resetting after alarm event
- Optional protective plastic cover
- IP40

SensoMAG MCP50 IP67

- Waterproof protected manual call point
- Surface mounting
- Resettable flexible element
- Type (according to EN54-11) - A
- LED indication
- Special test tool for resetting after alarm event
- Protective plastic cover
- Cable glands and o-ring protected sealant
- IP67 according EN 60529

SOUNDERS
CONVENTIONAL, INDOOR

SF 100 WSST

EN54 - 3/ 23

- Indoor fire alarm wall sounder and strobe
- Piezo sounder
- LED strobe
- Two sound levels: HIGH - 100dB; LOW - 92dB
- Low profile design
- Max. consumption 20mA@27VDC
- 32 Sound types
- 2 Outputs for evacuation and fire alarm
- Two-wire connection

SF 100 RSST

EN54 - 3

- Indoor fire alarm wall sounder and strobe
- Piezo sounder
- LED strobe
- Two sound levels: HIGH - 100dB; LOW - 92dB
- Low profile design
- Max. consumption 20mA@27VDC
- 32 Sound types
- 2 Outputs for evacuation and fire alarm
- Two-wire connection

SF 100 RSND

EN54 - 3

- Indoor fire alarm sounder and strobe
- Piezo sounder
- Two sound levels: HIGH - 100dB; LOW - 92dB
- Low profile design
- Max. consumption 20mA@27VDC
- 32 Sound types
- 2 Outputs for evacuation and fire alarm
- Two-wire connection

SF 105

EN54 - 3

- Indoor fire alarm sounder
- Piezo sounder
- Sound output - 105dB
- LED strobe
- Plastic case
- Power supply - 24V
- Two-wire connection
- Current - 80mA

SOUNDERS
CONVENTIONAL, OUTDOOR

SF 200

EN54 - 3

- Outdoor fire alarm sounder
- LED strobe
- 1 status indicator
- Sound output - 96dB
- Power supply - 20-30VDC
- Plastic case
- IP54 protection for the electronic part
- Current consumption - <17mA@24V

SF 300

EN54 - 3

- Outdoor fire alarm sounder
- LED strobe
- Sound output - 96dB
- Power supply - 20-30VDC
- Plastic case
- IP54 protection for the electronic part
- Current consumption - <17mA@24V

ACCESSORIES
FIRE ALARM SYSTEMS

FRL - 1
• Remote 24V fire indicator
• Repeats the status of 1 or several fire detectors (up to 3 SensoMAG or SensoIRIS detectors)
• 1 input
• Complies with EN54-23

Call-point plastic cover set
• Set of 5 pcs. protective plastic cover for manual call-points
• Compatible with SensoMAG MCP50 and SensoIRIS MCP150

Sounder plastic cover set
• Protective plastic cover
• For application with bases SensoIRIS BSxx when the device is used only as a sounder
• Set of 5 pcs. protective plastic cover for sounders

Deep Base
• Deep base accessory
• Application for mounting on rough surfaces, pipelines, floating ceilings, etc
• Compatible with SensoMAG and SensoIRIS

Fire Ray 50R/100R
• Reflective infrared beam detector
• 12 - 24VDC
• Low current consumption
• Model 50R (5-50m)
• Model 100R (50-100m)
• Complies with EN54-12
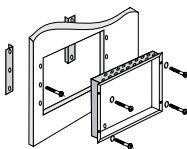
FLM Kit
• Kit for flush mounting
• For use on 25 mm thick dry wall
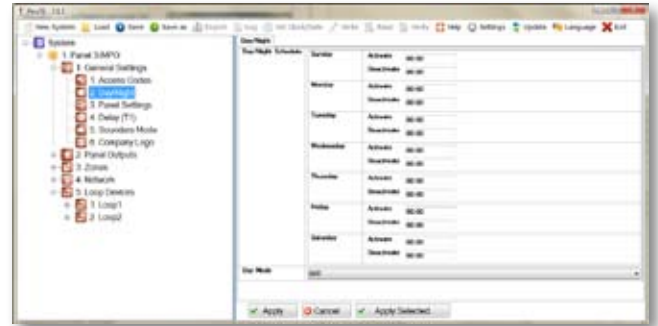• Includes: 2 hangers, mounting screws
• Compatible with IRIS and MAG8Plus

PS2410
• Power supply unit
• 24 VDC/1A
• Metal box
• Transformer
• Complies with EN54-4

ProS TE
PROGRAMMING SOFTWARE

ProS TE is a software package for programming of Teletek Electronics intruder and fire alarm panels. The software allows fast and user-friendly programming.

ProsTE Advantages

- Intuitive and user friendly graphic interface
- Easy programming of all system parameters
- Saves time and effort
- Allows creation of default configurations in tdf (teletek data files) ready for use on site
- Decreases possibility for mistakes during programming
- No need to remember addresses or use programming manuals
- Completely free download and update available at www.teletek-electronics.com
- Multi language support
- Help wizard

Supported products

- Eclipse 8/16/32/99
- BRAVO Wireless panel
- IRIS
- SIMPO
- IRIS/SIMPO Repeater
- ARGUS
- TTE GPRS Standard
- TTE GPRS Simple
- TTE LAN
- TP2000 (ver. 8.xx)

OBSERVER
MONITORING SOFTWARE

Observer is a software application for monitoring of sites equipped with IRIS and IRIS PRO addressable fire alarm panels.
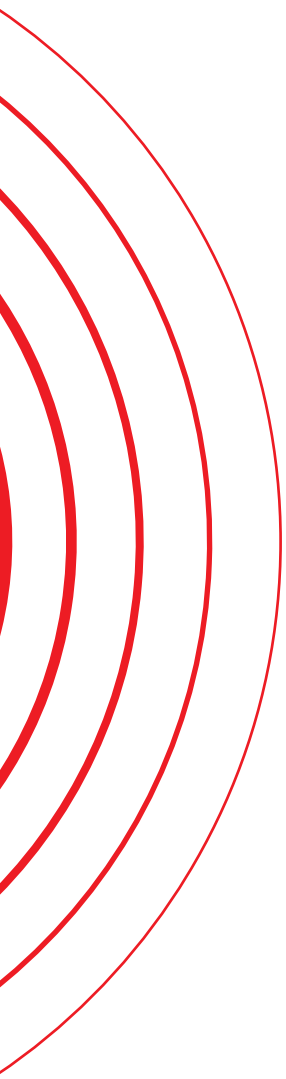

Functional Specifications

- In accordance with the technical and functional specifications of Teletek Electronics addressable fire alarm panels
- Supports up to 32 IRIS and IRIS PRO panels with 1000 devices per panel
- Monitors the condition and state of detectors - Alarm, Normal, Fault
- Shows full information about the detector in alarm state - zone, name, etc
- Monitors faults in the panel - Low Batt, AC Loss, etc
- Allows control over the panel - silence buzzer, silence sounders , evacuation, reset
- Allows import of architectural plans and pictures on which the detectors are placed (JPG, BMP, PNG, TIF, GIF)
- Keeps printable event log
- Signals visually and audibly in case of alarm or fault
- ModBus protocol included

Observer Advantages

- Direct ProsTE files import (Device name, zone name, panel name and panel IP address)
- Devices Drag and drop placement
- Panels control
- Minimum programming
- Simple and User Friendly Interface
- Windows XP and Windows 7 support
- Multi language support
- Protection by means of password and hardware key (Dongle)
- Event audio signalization

Teletek
electronics

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