IRIS / SIMPO
ADDRESSABLE PANELS

	IRIS	SIMPO
Loops	1 - 4	1 - 2
Devices per Loop	250	250
Expansion Loop Types	IRIS TTE/ IRIS SS	Simpo TTE
Galvanic Separation in Loops	Yes	No
Built in isolator in Loops	Yes	Yes
Total number of devices per system	1000	500
Zones	96	16
Multi language display	Yes	Yes
Language front panel	English	Changeable paper label
Redundant processor	Yes	No
Event Log	10 000	10 000
Day/ Night Mode	Yes	Yes
System Sensor Protocol (IRIS SS Loop)	Yes	No
Sounders/ Strobes Synchronization	Yes	Yes
Display	320/240 touch screen	4*40 symbols LCD
TCP/ IP	Yes (built in)	Yes (optional)
Redundant network (RS 485)	Yes (optional)	Yes (optional)
Battery	1x12V/18Ah	1x12V/18Ah
Box	Metal with plastic cover	Metal
Software Support	ProsTE/ Observer	ProsTE/ Observer
Standard	EN54 - 2/4	EN54 - 2/4

IRIS
ADDRESSABLE PANEL

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

IRIS is an addressable fire alarm panel 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 panel has a comprehensive day/night mode facility. The panel supports two communication protocols: Teletek Electronics (IRIS TTE loop) and System Sensor series 200/500 (IRIS SS loop) according to the type of devices used. In the configuration of the IRIS panel, both TTE and SS Loops can be implemented at the same time. Up to 32 IRIS panels can be connected in Ethernet or RS485 redundant network. Direct programming with ProsTE software is available.

EN54 - 2/4

Loops:	1 to 4 (both TTE and SS loops can be mounted in random configuration)
Devices per loop:	250 (TTE loop); 198 (SS loop)
Zones:	96
Outputs: (monitored, relay type)	4
Outputs (non-monitored, programmable, relay type):	4, 230V/10A
Programmable inputs/outputs:	up to 128
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:	Yes (currently available: English, Italian, Portuguese, Russian, Turkish, Polish, Croatian, Dutch, Latvian, French, Bulgarian)
Programming:	ProsTE software
Standard:	EN54 - 2/4

Technical Specifications

Main Power Supply .... 230VAC ± 10%
Frequency 50/ 60Hz
Back-up Power Supply .... 1 battery, 12V/ 18Ah
Electrical output 1A
Operating temperature .... -10°C to +50°C
Weight (without battery) 6kg
Dimensions of metal bottom 441x331x80mm
Dimensions of front cover 461x344x45mm

IRIS TTE Loop
- Loop Expander for 1 loop
- TTE protocol
- Supports SensoIRIS devices
- Maximum consumption of loop devices - 0,5 A
- Maximum number of devices in the loop - 250

IRIS SS Loop
- Loop Expander for 1 loop
- System Sensor 200/500 and advanced 200 protocols
- Supports System Sensor devices
- Maximum consumption of loop devices - 0,5 A
- Maximum number of devices in the loop - 198 (99 detectors + 99 devices)

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 smaller addressable installations. It supports operation with up to two loops with coverage of 16 zones. 250 devices with Teletek Electronics protocol 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:	16
Inputs:	3
Outputs: (monitored, relay type)	7
Outputs (monitored, programmable, relay type):	4, 230V/10A
Memory LOG:	10 000 events
Panels in Ethernet network (optional TCP/IP):	Up to 32
Panels in RS485 redundant network (optional module):	Up to 32
Thermal printer:	Optional
Display:	4*40 symbols
Multi language support:	Yes (currently available: English, Portuguese, Dutch, Italian, French, Turkish, Polish, Croatian, Bulgarian)
Programming:	ProsTE software
Standard	EN54 - 2/4

Technical Specifications

Main Power Supply .... 90 ÷ 264 VAC
Frequency .... 47 ÷ 440 Hz
Back-up Power Supply .... 1 battery, 12V/ 18Ah
Electrical output 4,2A
Operating temperature .... -10°C to +50°C
Weight (without battery) 4,2kg
Dimensions 308x415x78mm

SIMPO TTE Loop

• Loop Expander for 1 loop
• TTE protocol
• Supports SensoIRIS devices
• Maximum consumption of loop devices - 0,5 A
• Maximum number of devices in the loop - 250

SENSOIRIS
ADDRESSABLE DETECTORS

PRODUCT LIFETIME GUARANTEE

SensoIRIS T110/ IS

EN54 - 5

- Fixed Temperature and Rate of Rise detector
- Supports Teletek Electronics protocol
- Class, selectable from the control panel - A1R, A2S, BS
- Protected area (in accordance with EN54-5) - up 35m²
- Installation height (in accordance with EN54-5) - up 3.5m
- Day/Night mode
- Low profile design
- LED indication with 360 visibility
- Available with built in isolator - SensoIRIS T110 IS
- IP30

SensoIRIS S130/ IS

EN54 - 7

- Optical smoke detector
- Supports Teletek Electronics protocol
- Sensitivity, selectable from control panel - High/ Normal/ Middle/ Low
- Protected area (in accordance with EN54-7) - up 120m²
- Installation height (in accordance with EN54-7). - up 16m
- Day/Night mode
- Low profile design
- LED indication with 360 visibility
- Available with built in isolator - SensoIRIS S130 IS
- IP30

SensoIRIS M140/ IS

EN54 - 5/7

- Combined detector
- Supports Teletek Electronics protocol
- Class (in accordance with EN54-5) - A1R
- Sensitivity (in accordance with EN54-7) - High/ Normal/ Middle/ Low
- Protected area (in accordance with EN54-5,7) - up 120m²
- Installation height (in accordance with EN54-5,7) - up 16m
- Day/Night mode
- Low profile design
- LED indication with 360 visibility
- Available with built in isolator - SensoIRIS T110 IS
- IP30

SensoIRIS B124

- Compatible with SensoIRIS detectors
- Wire gauge for terminals - 3mm
- Material (plastic), color - ABS, white

SENSOIRIS
ADDRESSABLE MODULES

SensoIRIS MCP 150
EN54 - 11

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

SensoIRIS MIO
EN54 - 18

• Input/output modules
• Supports Teletek Electronics protocol
• Placed in plastic box with transparent cover for easy inspection
• Built in isolator
• Loop powered
• Available versions - MIO 22 (2 inputs/2 outputs); MIO 04 (4 outputs); MIO 40 (4 inputs)
• IP40

SensoIRIS MC-Z
EN54 - 18

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

SensoIRIS MOUT
EN54 - 18

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

SensoIRIS MOUT - 240
EN54 - 18

• Electrical mains switching output
• Supports Teletek Electronics protocol
• Suitable for control of 240V AC voltage circuits
• Placed in plastic box with transparent cover for easy inspection
• Built in isolator
• Loop powered
• IP40

SENSOIRIS
ADDRESSABLE MODULES

SensoIRIS MC - D
EN54 - 18

• Addressable base for conventional SensoMAG series detectors
• Allows the use of conventional detectors with Teletek Electronics addressable panels IRIS and Simpo
• Supports Teletek Electronics protocol
• Loop powered

SensoIRIS MISO
EN54 - 17

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

SensoIRIS MINP
EN54 - 18

• 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

SensoIRIS Programmer

• Programming tool
• Compatible with SensoIRIS detectors and modules
• TTE 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