

ADDRESSABLE FIRE ALARM SYSTEMS

SENS



Addressable Control Panel

Some Hardware Specifications

- Design based on the standard: ISIRI3707
- Designed based on a 32-bit ARM microprocessor.
- Modular design to reduce repair and maintenance costs and increase system flexibility.
 - 7" TFT touchscreen display with a resolution of 800×480
 - Utilizes advanced digital protocol with low sensitivity to noise.
- Two default loops with configurable open and closed loop settings and automatic detection of devices
 - Capability to expand loops up to 10 loops using 5 loop expansion cards.
- Maximum support for 240 addressable devices per loop, depending on the length of the loopath, and the size and quality of the cable used.
 - Equipped with status indicator LEDs on the panel.
 - Has an alert buzzer with the ability to activate the silent mode.
- Has a relay contact output, for activation of the fire extinguishing system in fire conditions.
- Provides two supervised 24-volt outputs with a maximum current of 500mA for conventional sounders.
- Equipped with a 24-volt auxiliary voltage output with a maximum current capacity of 500 mA.
 - Includes an RJ-45 port for connecting to a SENS Watch module for remote monitoring.
 - Has an Ethernet port for monitoring panel status using a PC.
- Includes a USB 2.0 port for programming, backup of settings, and generating panel reports.
 - Contains an expansion connector for installing an IP Card network card specific to the WISE system for creating an integrated panel network.
 - Includes one RS-485 port for connecting to a Repeater.
 - Support for 2 batteries of 12 volts 7.2 Ah
 - Allows for connecting to a printer for printing of events.
 - Includes a dialer output.



Some Software Specifications

- Management of all addressable elements in each loop
 - Capability of determining and programming 32 zones
 - Storage of more than 3000 events in the control center
 - Search and automatic identification of all addressable elements in each loop
- Support for various detectors and addressable modules introduced by the manufacturer.
 - Ability to define 32 Output Zones, allowing for the definition of 32 output elements for each zone.
 - Ability to define 32 Logic Functions with the option to add Output Zones and addressable elements.



Addressable Optical Smoke Detector S2-ASD-300

Technical Specifications

Model	S2-ASD-300
Standard	EN 54-7
Power Supply Voltage	27V
Stand by consumption	0.6mA @ 27V
Alarm state current	1.3mA @ 27V
Operating Temperature	-10 to 70 °C
Humidity	95% (without condensation)
Indicator of operation	LED
Indicator visibility angle	360°
Dimensions	50×100 mm
Weight	120gr



Addressable Smoke/Heat Multi Detector S2-AMD-300

Technical Specifications

Model	S2-AMD-300
Standard	EN 54-5,7
Detector Class	A2S
Power Supply Voltage	27V
Stand by consumption	0.6mA @ 27V
Alarm state current	1.3mA @ 27V
Operating Temperature	-10 to 70 °C
Humidity	95% (without condensation)
Indicator of operation	LED
Alarm Temperature	62 °C
Indicator visibility angle	360°
Dimensions	50×100 mm
Weight	120gr



**Addressable Fixed-Temperature Heat Detector
S2-AHD-300**

Technical Specifications

Model	S2-AHD-300
Standard	EN 54-5
Detector Class	A2S
Alarm Temperature	62
Power Supply Voltage	27V
Stand by consumption	0.6mA @ 27V
Alarm state current	1.3mA @ 27V
Operating Temperature	-10 to 70 °C
Humidity	95% (without condensation)
Indicator of operation	LED
Indicator visibility angle	360°
Dimensions	50×100 mm
Weight	100gr



**Addressable Rate-of-Rise Heat Detector
S2-ARD-300**

Technical Specifications

Model	S2-ARD-300
Standard	EN 54-5
Detector Class	A1R
Power Supply Voltage	27V
Stand by consumption	0.6mA @ 27V
Alarm state current	1.3mA @ 27V
Operating Temperature	-10 to 70 °C
Humidity	95% (without condensation)
Indicator of operation	LED
Alarm Temperature	62 °C
Indicator visibility angle	360°
Dimensions	50×100 mm
Weight	100gr



Addressable Resettable Manual Call Point S6-ACP-300

Technical Specifications

Model	S6-ACP-300
Standard	EN 54-11
Power Supply Voltage	27V
Stand by consumption	1mA @ 27V
Alarm state current	2mA @ 27V
Operating Temperature	-10 to 70 °C
Humidity	95% (without condensation)
Type	Type A (For indoor use)
Dimensions	50×95×95 mm
Weight	130gr



Addressable Remote Indicator R1-ARI-300

Technical Specifications

Model	R1-ARI-300
Power Supply Voltage	27V
Stand by consumption	65µA @ 27V
Alarm state current	5mA @ 27V
Operating Temperature	-10 to 70 °C
Humidity	95% (without condensation)
Dimensions	85×85 mm
Weight	50gr



Isolator Module I1-AIS-350

Technical Specifications

Model	I1-AIS-350
Standard	EN 54-17
Operating voltage	27V
Maximum Stand by consumption	35 μ A @ 27V
Operating temperature	-10 to 70 °C (Type B)
Humidity	95% (without condensation)
Maximum line voltage	28V
Minimum line voltage	15V
The maximum voltage at which the device isolates (VSO max)	3.4V
The minimum voltage at which the device isolates (VSO min)	0V
The maximum voltage at which the device reconnects (VSC max)	27V
The minimum voltage at which the device reconnects (VSC Min)	3.5V
maximum rated continuous current with the switch closed (IC max)	7.25mA
maximum rated switching current (IS max)	400mA
Maximum leakage current (IL max)	5mA
maximum series impedance with the switch closed (ZC max)	4k Ω
Dimensions	25×55×95 mm
Weight	45gr



Handheld Programmer H2-AHP-300

Technical Specifications

Model	H2-AHP-300
Power Supply Voltage	9V
Battery	9V
Stand by consumption	7 μ A
Peak current	30mA
Dimensions	105×200mm
Weight	390gr



Addressable Sounder/Sounder Flasher F1-ASM-300/F1-ASF-300

Technical Specifications

Model	F1-ASM-300/F1-ASF-300
Standard	EN 54-3
Power Supply Voltage	27V
Stand by consumption	0.6 mA @ 27V
Alarm state current	6-6.4 mA @ 27V
Operating Temperature	-10 to 70 °C
Humidity	95% (without condensation)
Type	Type A (For indoor use)
IP Protection	IP21
Sound output	80dB @ 1m
Frequencies Range	600Hz – 4kHz
Sound Mode	Dual Tone
Dimensions	75×100 mm
Weight	150gr



Addressable Input/ Output Module M1-AIM-350/ M1-AOM-300

Technical Specifications

Model	M1-AOM-300/M1-AIM-350
Standard	EN 54-18
Power Supply Voltage	27V
Stand by consumption	1mA @ 27V
Alarm state current	1.6mA @ 27V
Output Relay	30V, 2A
Operating Temperature	-10 to 70 °C
Humidity	95% (without condensation)
Dimensions	90*55*20 mm
Weight	60gr

certificates

Dedal Attestation & Certification Notified body No. 1822
Regione, 9220 Montebelluna
Treviso (TV)

CERTIFICATE

of constancy of performance

1922 - CPR - 1820

In compliance with Regulation (EU) 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s):

Fire detection and fire alarm systems: Heat detectors: Smoke detectors, Heat detectors using ionized light, Ionized light or ionization. Addressable multi detector models: IA-AM0-300 (class A21), IA-AM0-300 (class A21)
(The list of certified characteristics, see Annex 1 to ISO 1822 - CPR - 1820 that is a separate part of the certificate)

based on the market under the name or trade mark of:
SENS GLOBAL GÜVENLİK TEKNOLOJİLERİ SAN. VE TİC. LTD. ŞTİ
Halk Kapat Fıçığı Mahallesi, Yataş Havuz Sokak, No:27-27/A, Okmeydanı, Şişli, İstanbul, Turkey

and produced in the manufacturing plant:
Sens Polijuhent Güçler Co. SENS
No.1/7, 2nd eastern alley, Şişli Şişli Industrial Zone, Old Mecidiyeköy Street, Taksim, İstanb, Turkey

The certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard:

EN 54-237/A1:2018 based EN 54-237:2018

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 27.06.2022 and will remain valid until 27.06.2025 as long as neither the harmonized standard, the construction product, the AUCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. The certificate is supported through annual surveillance audits and is renewed after each surveillance audit. The validity of the certificate may be confirmed in the CE register at the web address www.dedal.org.tr.

The products have been certified according to EN 54-237/A1:2018 and EN 54-237:2018. Certificate number: 1822 - CPR - 1820

Notified: 27 June 2022
Ref No: 1822

200 Str. Aralık Mahallesi

Dedal Attestation & Certification Notified body No. 1822
Regione, 9220 Montebelluna
Treviso (TV)

CERTIFICATE

of constancy of performance

1922 - CPR - 1823

In compliance with Regulation (EU) 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s):

Fire detection and fire alarm systems: Smoke detectors: Point detectors using ionized light, Ionized light or ionization. Addressable Smoke detectors. Models: IA-AM0-300, IA-AM0-300
(The list of certified characteristics, see Annex 1 to ISO 1822 - CPR - 1823 that is a separate part of the certificate)

based on the market under the name or trade mark of:
SENS GLOBAL GÜVENLİK TEKNOLOJİLERİ SAN. VE TİC. LTD. ŞTİ
Halk Kapat Fıçığı Mahallesi, Yataş Havuz Sokak, No:27-27/A, Okmeydanı, Şişli, İstanbul, Turkey

and produced in the manufacturing plant:
Sens Polijuhent Güçler Co. SENS
No.1/7, 2nd eastern alley, Şişli Şişli Industrial Zone, Old Mecidiyeköy Street, Taksim, İstanb, Turkey

The certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard:

EN 54-237/A1:2018

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 27.06.2022 and will remain valid until 27.06.2025 as long as neither the harmonized standard, the construction product, the AUCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. The certificate is supported through annual surveillance audits and is renewed after each surveillance audit. The validity of the certificate may be confirmed in the CE register at the web address www.dedal.org.tr.

The products have been certified according to EN 54-237:2018. Certificate number: 1822 - CPR - 1823

Notified: 27 June 2022
Ref No: 1823

200 Str. Aralık Mahallesi

Dedal Attestation & Certification Notified body No. 1822
Regione, 9220 Montebelluna
Treviso (TV)

CERTIFICATE

of constancy of performance

1922 - CPR - 1826

In compliance with Regulation (EU) 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s):

Fire detection and fire alarm systems: Heat-circuit indicators. Addressable Heat-circuit indicators. Type IA-AM-340
(The list of certified characteristics, see Annex 1 to ISO 1822 - CPR - 1826 that is a separate part of the certificate)

based on the market under the name or trade mark of:
SENS GLOBAL GÜVENLİK TEKNOLOJİLERİ SAN. VE TİC. LTD. ŞTİ
Halk Kapat Fıçığı Mahallesi, Yataş Havuz Sokak, No:27-27/A, Okmeydanı, Şişli, İstanbul, Turkey

and produced in the manufacturing plant:
Sens Polijuhent Güçler Co. SENS
No.1/7, 2nd eastern alley, Şişli Şişli Industrial Zone, Old Mecidiyeköy Street, Taksim, İstanb, Turkey

The certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard:

EN 54-17:2005, EN 54-14:2005/A2:2007

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 27.06.2022 and will remain valid until 27.06.2025 as long as neither the harmonized standard, the construction product, the AUCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. The certificate is supported through annual surveillance audits and is renewed after each surveillance audit. The validity of the certificate may be confirmed in the CE register at the web address www.dedal.org.tr.

The products have been certified according to EN 54-17:2005, EN 54-14:2005/A2:2007. Certificate number: 1822 - CPR - 1826

Notified: 27 June 2022
Ref No: 1826

200 Str. Aralık Mahallesi

Dedal Attestation & Certification Notified body No. 1822
Regione, 9220 Montebelluna
Treviso (TV)

CERTIFICATE

of constancy of performance

1922 - CPR - 1817

In compliance with Regulation (EU) 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s):

Fire detection and fire alarm systems: Fire alarm devices. Sounders. Addressable fire alarm sounder models: FI-AS1-300, Type A and FI-AM-300 Type A
(The list of certified characteristics, see Annex 1 to ISO 1822 - CPR - 1817 that is a separate part of the certificate)

based on the market under the name or trade mark of:
SENS GLOBAL GÜVENLİK TEKNOLOJİLERİ SAN. VE TİC. LTD. ŞTİ
Halk Kapat Fıçığı Mahallesi, Yataş Havuz Sokak, No:27-27/A, Okmeydanı, Şişli, İstanbul, Turkey

and produced in the manufacturing plant:
Sens Polijuhent Güçler Co. SENS
No.1/7, 2nd eastern alley, Şişli Şişli Industrial Zone, Old Mecidiyeköy Street, Taksim, İstanb, Turkey

The certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard:

EN 54-23:2001, EN 54-23:2001/A1:2003, EN 54-23:2001/A2:2004

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 27.06.2022 and will remain valid until 27.06.2025 as long as neither the harmonized standard, the construction product, the AUCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. The certificate is supported through annual surveillance audits and is renewed after each surveillance audit. The validity of the certificate may be confirmed in the CE register at the web address www.dedal.org.tr.

The products have been certified according to EN 54-23:2001, EN 54-23:2001/A1:2003, EN 54-23:2001/A2:2004. Certificate number: 1822 - CPR - 1817

Notified: 27 June 2022
Ref No: 1817

200 Str. Aralık Mahallesi

Dedal Attestation & Certification Notified body No. 1822
Regione, 9220 Montebelluna
Treviso (TV)

CERTIFICATE

of constancy of performance

1922 - CPR - 1825

In compliance with Regulation (EU) 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s):

Fire detection and fire alarm systems: Manual call points. Addressable manual call points, model IA-ACP-300, Type A for indoor use
(The list of certified characteristics, see Annex 1 to ISO 1822 - CPR - 1825 that is a separate part of the certificate)

based on the market under the name or trade mark of:
SENS GLOBAL GÜVENLİK TEKNOLOJİLERİ SAN. VE TİC. LTD. ŞTİ
Halk Kapat Fıçığı Mahallesi, Yataş Havuz Sokak, No:27-27/A, Okmeydanı, Şişli, İstanbul, Turkey

and produced in the manufacturing plant:
Sens Polijuhent Güçler Co. SENS
No.1/7, 2nd eastern alley, Şişli Şişli Industrial Zone, Old Mecidiyeköy Street, Taksim, İstanb, Turkey

The certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard:

EN 54-11:2001, EN 54-11:2001/A1:2005

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 27.06.2022 and will remain valid until 27.06.2025 as long as neither the harmonized standard, the construction product, the AUCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. The certificate is supported through annual surveillance audits and is renewed after each surveillance audit. The validity of the certificate may be confirmed in the CE register at the web address www.dedal.org.tr.

The products have been certified according to EN 54-11:2001, EN 54-11:2001/A1:2005. Certificate number: 1822 - CPR - 1825

Notified: 27 June 2022
Ref No: 1825

200 Str. Aralık Mahallesi

Dedal Attestation & Certification Notified body No. 1822
Regione, 9220 Montebelluna
Treviso (TV)

CERTIFICATE

of constancy of performance

1922 - CPR - 1821

In compliance with Regulation (EU) 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s):

Fire detection and fire alarm systems: Heat detectors: Point detectors. Addressable heat of heat detectors: IA-AD-300 (class A18), IA-AD-300 (class A18)
(The list of certified characteristics, see Annex 1 to ISO 1822 - CPR - 1821 that is a separate part of the certificate)

based on the market under the name or trade mark of:
SENS GLOBAL GÜVENLİK TEKNOLOJİLERİ SAN. VE TİC. LTD. ŞTİ
Halk Kapat Fıçığı Mahallesi, Yataş Havuz Sokak, No:27-27/A, Okmeydanı, Şişli, İstanbul, Turkey

and produced in the manufacturing plant:
Sens Polijuhent Güçler Co. SENS
No.1/7, 2nd eastern alley, Şişli Şişli Industrial Zone, Old Mecidiyeköy Street, Taksim, İstanb, Turkey

The certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard:

EN 54-237/A1:2018

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 27.06.2022 and will remain valid until 27.06.2025 as long as neither the harmonized standard, the construction product, the AUCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. The certificate is supported through annual surveillance audits and is renewed after each surveillance audit. The validity of the certificate may be confirmed in the CE register at the web address www.dedal.org.tr.

The products have been certified according to EN 54-237/A1:2018. Certificate number: 1822 - CPR - 1821

Notified: 27 June 2022
Ref No: 1821

200 Str. Aralık Mahallesi

Dedal Attestation & Certification Notified body No. 1822
Regione, 9220 Montebelluna
Treviso (TV)

CERTIFICATE

of constancy of performance

1922 - CPR - 1827

In compliance with Regulation (EU) 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s):

Fire detection and fire alarm systems: Input/output devices. Addressable Input/Output Devices, Types: IAI-AM0-300, MI-AM0-300, MI-AM-350, MI-AM-350, MI-AM-300, MI-AM-350
(The list of certified characteristics, see Annex 1 to ISO 1822 - CPR - 1827 that is a separate part of the certificate)

based on the market under the name or trade mark of:
SENS GLOBAL GÜVENLİK TEKNOLOJİLERİ SAN. VE TİC. LTD. ŞTİ
Halk Kapat Fıçığı Mahallesi, Yataş Havuz Sokak, No:27-27/A, Okmeydanı, Şişli, İstanbul, Turkey

and produced in the manufacturing plant:
Sens Polijuhent Güçler Co. SENS
No.1/7, 2nd eastern alley, Şişli Şişli Industrial Zone, Old Mecidiyeköy Street, Taksim, İstanb, Turkey

The certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard:

EN 54-18:2005, EN 54-18:2005/A2:2007

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 27.06.2022 and will remain valid until 27.06.2025 as long as neither the harmonized standard, the construction product, the AUCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. The certificate is supported through annual surveillance audits and is renewed after each surveillance audit. The validity of the certificate may be confirmed in the CE register at the web address www.dedal.org.tr.

The products have been certified according to EN 54-18:2005, EN 54-18:2005/A2:2007. Certificate number: 1822 - CPR - 1827

Notified: 27 June 2022
Ref No: 1827

200 Str. Aralık Mahallesi

SENS

CONVENTIONAL FIRE ALARM SYSTEMS



Conventional Control Panel

MC5



Description

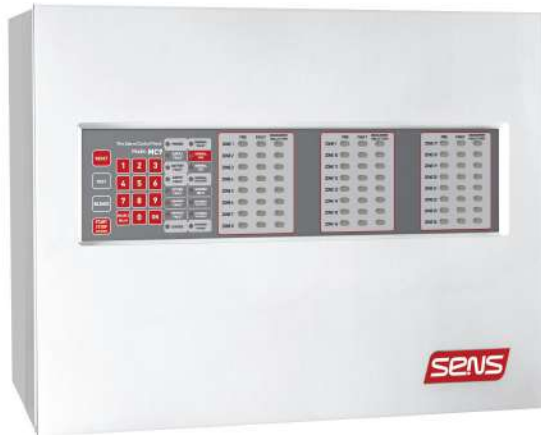
MC5 Conventional Control Panel is a conventional intelligent control panel designed according to European standards and features great performance characteristics. In addition to its compact size, this panel offers advantages such as the ability to add zone expansion cards up to 24 zones, a simple and elegant case design, and more

Technical Specifications

Model	MC5
Standard Design	EN 54-2, 54-4
Power Supply Voltage	220 V, 60/50 Hz
Maximum Power Consumption	500 mA
Battery Type	2×12 V, 4.5 or 7.2 Ah
Sounder Output	2 channels, maximum 1000 mA
AUX output	24 V, 500 mA
Maximum Number of Detectors Per Zone	15
Maximum Number of Zones	24
Maximum Fire Relay Output Current	7 A
Maximum Fault Relay Output Current	7 A
Dimensions	405×315×85 mm
Weight without battery	3.6 kg

Conventional Control Panel

MC9



Description

The MC9 conventional control panel offers a robust and versatile solution, featuring digital signal processing for precise control. It supports multiple user access levels for enhanced security. Equipped with a switching power supply, it ensures efficient energy consumption. Intelligent fault detection and notification mechanisms enhance system reliability. The panel provides two siren and siren flasher channels, various status indicators, and customizable delay timers. Its enclosure design allows for both surface and flush mounting. The integrated OMT feature simplifies single-person testing, while the intelligent battery charging circuit optimizes battery life. Zones and alarms can be individually disabled for flexibility. The panel supports up to four selectable relay output modules and includes a dialer output for remote notification. It can integrate with Sens Watch and repeater systems for expanded functionality.

Technical Specifications

Model	MC9
Standard Design	EN 54-2, 54-4
Power Supply Voltage	220 V, 60/50 Hz
Maximum Power Consumption	500 mA
Battery Type	2×12 V, 4.5 or 7.2 Ah
Sounder Output	2 channels, maximum 1000 mA
AUX output	24 V, 500 mA
Maximum Number of Detectors Per Zone	15
Maximum Number of Zones	24
Maximum Fire Relay Output Current	7 A
Maximum Fault Relay Output Current	7 A
Dimensions	405×315×85 mm
Weight without battery	3.6 kg



**Conventional Optical Smoke Detector
S2-CSD-200**

Technical Specifications

Model	S2-CSD-200
Standard	EN 54-7
Power Supply Voltage	27V
Stand by consumption	35µA
Alarm state current	25mA
Operating Temperature	-10 to 70 °C
Humidity	95% (without condensation)
Dimensions	50×100 mm
Weight	120gr



**Conventional Smoke/Heat Multi Detector
S2-CMD-200**

Technical Specifications

Model	S2-CMD-200
Standard	EN 54-5,7
Detector Class	A2S
Operating Voltage	27V
Stand by consumption	65µA
Alarm state current	25mA
Alarm Temperature	62 °C
Operating Temperature	-10 to 70 °C
Humidity	95% (without condensation)
Dimensions	50×100 mm
Weight	120gr



Conventional Fixed Temperature Heat Detector S2-CHD-200

Technical Specifications

Model	S2-CHD-200
Standard	EN 54-5
Detector Class	A2S
Operating Voltage	27V
Stand by consumption	65µA
Alarm state current	25mA
Alarm Temperature	62 °C
Operating Temperature	-10 to 70 °C
Humidity	95% (without condensation)
Dimensions	50×100 mm
Weight	100gr



Conventional Rate-of-Rise Heat Detector S2-CRD-200

Technical Specifications

Model	S2-CRD-200
Standard	EN 54-5
Detector Class	A1R
Operating Voltage	27V
Stand by consumption	65µA
Alarm state current	25mA
Alarm Temperature	62 °C
Operating Temperature	-10 to 70 °C
Humidity	95% (without condensation)
Dimensions	50×100 mm
Weight	100gr

Conventional Control Panel

ALERTi

Description

- Digital signal processing system
- User-friendly and fast interface
 - Intelligent fault control
- Equipped with a smart overload detection circuit, automatically cutting off terminal output without the need for a fuse
- User access through hardware lock (switch) and software (password)
 - Compact panel dimensions and modern design
 - Low power consumption
 - Featuring a switching power supply
- Panel design with 8 zones, eliminating the need for expansion cards
 - Equipped with two completely independent siren channels
 - 24V auxiliary output with 500mA current capacity
 - Dialer output
- Requires only one battery with a minimum capacity of 4.5 Ah
- Equipped with a voltage boost circuit for stable output in battery mode
- Equipped with an automatic battery charge and discharge control circuit
- Features an automatic energy-saving mechanism in critical conditions and battery operation
- Equipped with OMT functionality, allowing for efficient one-person engineering testing
 - Supports a maximum of 20 smoke, heat, or multi-sensors per zone.
 - Ability to connect an unlimited number of call point per zone
- Indicates short circuit conditions in zone and siren wiring according to standards
- Indicates open circuit conditions in zone and siren wiring according to standards
 - Featuring a fire output relay
- Internal zone output relay for activating auxiliary equipment such as fire suppression systems, exhaust fans, etc.
 - Ability to connect zonal relay board
- Designed to facilitate evacuation procedures by sounding sirens during emergencies.

Technical Specifications



Model	Alerti
Standard	EN 54-2,4
Power Supply Voltage	220V, 60/50 Hz
Maximum Power Consumption	250mA
Battery Type	1*12V 4.5Ah
Sounder Output	Two channels, each with a maximum current of 270 mA
AUX output	24V, 500mA
Maximum Number of Detectors Per Zone	20
Maximum Number of Zones	8
Maximum Fire Relay Output Current	220 V AC, 5A
Maximum Fault Relay Output Current	220 V AC, 5A
Dimensions	97*362*305
Weight without battery	3.6 kg



**Conventional Co Gas Detector
GD-300**

Technical Specifications

Model	GD-300
Standard	EN50291-1:2018
Detection Gas	CO
Type	A
Operating Voltage	220V AC
Start-up warming	50 second
Sensor Type	Electrochemical
Sensor life time	3 years
Relay output	3A at 24V DC & 1A at 250V AC
Sound level	>85dB
Temperature Range	-10~45 °C
Humidity	90% R.H.(No Condensation)
Dimension	80*130 mm



**Conventional Resettable Manual
Call Point
RC-100**

Technical Specifications

Model	RC-100
Standard	EN 54-11
Power Supply Voltage	27V
Stand by consumption	0
Alarm state current	25mA
Operating Temperature	-10 to 70 °C
Humidity	95% (without condensation)
Type	Type A (For indoor use)
Dimensions	50×95×95 mm
Weight	130gr



Conventional Sounder/Sounder Flasher RSF-90/RSF-91

Technical Specifications

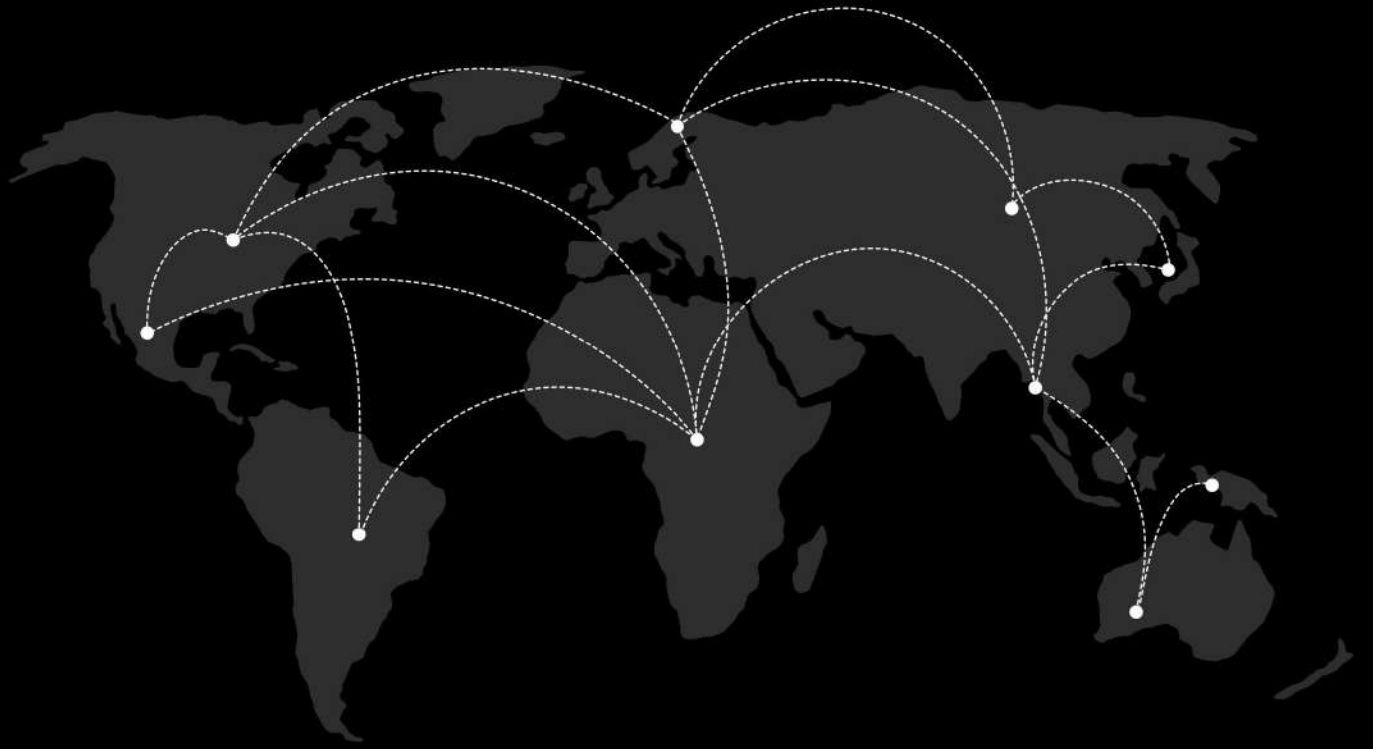
Model	RSF90 , RSF-91
Standard	EN 54-3
Power Supply Voltage	27V
Stand by consumption	0
Alarm state current	10-30 mA
Operating Temperature	-10 to 70 °C
Humidity	95% (without condensation)
Type	Type A (For indoor use)
IP Protection	IP21
Sound output	80dB @ 1m
Frequencies Range	600Hz – 4KHz
Sound Mode	Dual Tone
Dimensions	75×100 mm
Weight	150gr





Conventional Remote Indicator RX-99


Technical Specifications

Model	RX-99
Power Supply Voltage	5-16 V
Stand by consumption	0
Alarm state current	10-15 mA
Operating Temperature	-10 to 70 °C
Humidity	95% (without condensation)
Dimensions	85×85 mm
Weight	50gr



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