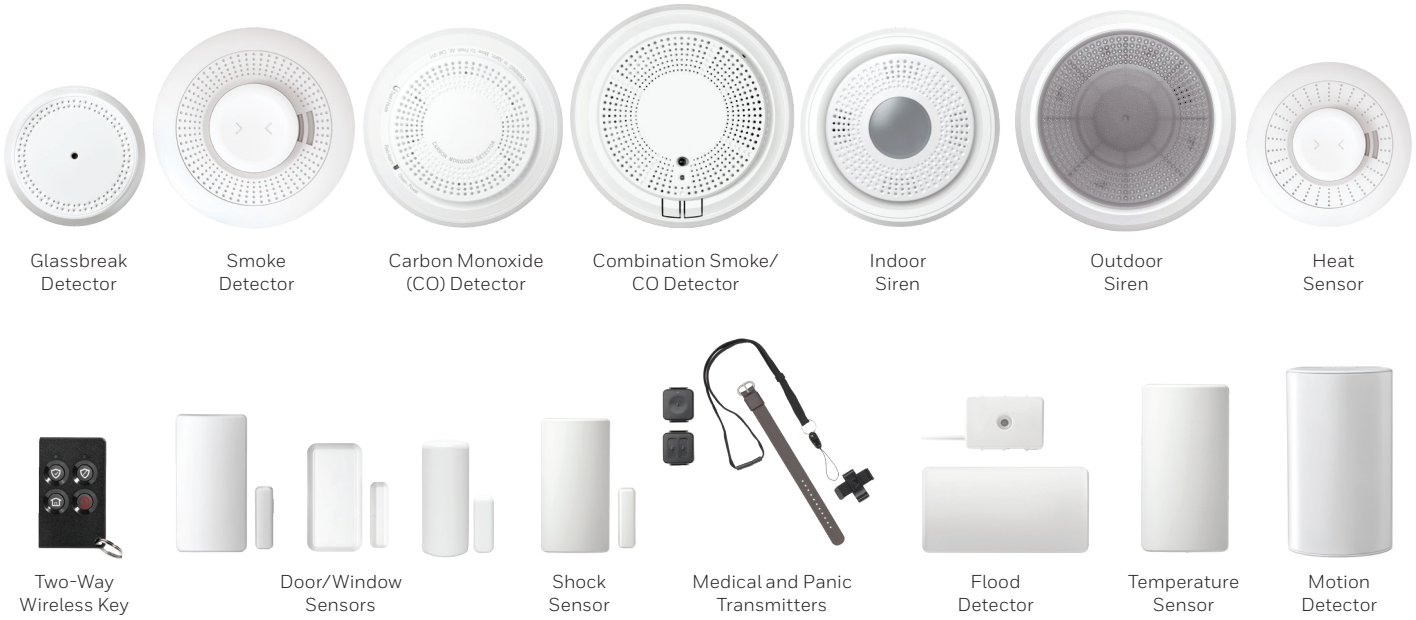
ProSeries Security and Life Safety Sensors



Glassbreak Detector | Smoke Detector | Carbon Monoxide (CO) Detector | Combination Smoke/ CO Detector | Indoor Siren | Outdoor Siren | Heat Sensor

Two-Way Wireless Key | Door/Window Sensors | Shock Sensor | Medical and Panic Transmitters | Flood Detector | Temperature Sensor | Motion Detector

PROSIX is the next generation wireless technology for security and the connected home. With its innovative technology and superior performance, PROSIX enables faster installation, easier troubleshooting, remote diagnostics and increased RMR. Its encrypted transmission ensures the highest level of data security.

Compatible with the Resideo ProSeries platform, PROSIX technology is available in a broad selection of devices for intrusion, life safety, property protection, as well as in wearables, giving users immediate and convenient access to important system functions.

FEATURES AND BENEFITS

Secure Encryption
- Employs 128-bit AES encryption for a high level of security

Anti-Takeover
- Helps prevent competitive account takeovers and conversions as SiX devices, when enabled devices, are locked into panels and must be unpaired by the installing dealer to be used again

Simple Installation
- Speed installation and eliminate errors with sensor's battery pull-tab, auto-enrollment and no-touch adjustment. Reduce on-site visits with remote configuration

Remote Diagnostics
- Use System Health Check to proactively troubleshoot by monitoring device signal strength, sensor settings, and battery life anytime, anywhere

Fewer Truck Rolls
- Reduces truck rolls with user-replaceable batteries and the ability to remotely adjust sensor parameters and download software updates

ProSeries Security and Life Safety Sensors Technical Specifications

INTRUSION SENSORS

Door/Window Sensor

PROSIXCT

Mounting Hardware – Included
Magnetic Gap – 1.0" (25mm) gap for reed switch
Tamper Protected – Yes
Auxiliary Input Terminal – Yes
LED Indicators – Yes
Transmission Range – 300 ft (92 meters)*
Frequency – 2.4 GHz
Encryption – 128-bit AES

Power Requirements – 3 volt CR123 battery (Qty 1)
Operating Temperature – 32° F to 122° F/0° C to 50° C
Relative Humidity – 5-95%, non-condensing
Dimensions – 1.1" H x 1.6" W x 3.1" L/
28mm H x 41mm W x 79mm L
Approval Listings – FCC/IC, ETL Listed to UL 634, cETL Listed to ULC/ORD-C634
Authorized Countries – US/Canada/Latin America

Door/Window Sensor

PROSIXMINI

Mounting Hardware – Included
Magnetic Gap – 1.0" (25mm) gap for reed switch
Tamper Protected – Yes
Auxiliary Input Terminal – No
LED Indicators – Yes
Transmission Range – 200 ft (61 meters)*
Frequency – 2.4 GHz
Encryption – 128-bit AES

Power Requirements – 3 volt CR2450 battery (Qty 1)
Operating Temperature – 32° F to 122° F/0° C to 50° C
Relative Humidity – 5-95%, non-condensing
Dimensions – 0.45" H x 1.25" W x 2.4" L/
11.5mm H x 32mm W x 62mm L
Approval Listings – FCC/IC, ETL Listed to UL 634, cETL Listed to ULC/ORD-C634
Authorized Countries – US/Canada/Latin America

Door/Window Sensor

PROSIXMINI2

Bluefield™ Technology – LED indication of when the magnet is within range of the sensor.
Temperature Sensing Capable – Yes
Mounting Hardware – Included
Magnetic Gap – 1.0" (25mm) gap for reed switch
Tamper Protected – Yes (wall and case)
LED Indicators – Yes
Transmission Range – 300 ft (92 meters)*
Frequency – 2.4 GHz

Encryption – 128-bit AES
Power Requirements – 3 volt CR2 battery (Qty 1)
Operating Temperature – 32° to 122° F/0° to 50° C
Relative Humidity – 5-95%, non-condensing
Dimensions – 0.75" H x 1.15" W x 2.9" L/
19mm H x 29mm W x 74mm L
Approval Listings – FCC/IC, ETL Listed to UL 634, cETL Listed to ULC/ORD-C634
Authorized Countries – US/Canada/Latin America

Motion Detector

PROSIXPIR

Mounting Hardware – Included
Detection Pattern – 40' x 56'
LED Indicators – Yes
Tamper Protected – Yes
Transmission Range – 300 ft (92 meters)*
Frequency – 2.4 GHz
Encryption – 128-bit AES
Power Requirements – 3 volt CR123 battery (Qty 1)

Operating Temperature – 32° F to 122° F/0° C to 50° C
Temp. Compensation – Yes
Relative Humidity – 5-95%, non-condensing
Dimensions – 4.1" H x 2.3" W x 1.5" D/
105mm H x 60.4mm W x 39.3mm D
Approval Listings – FCC/IC, ETL Listed to UL 639, cETL Listed to ULC-S306-03
Authorized Countries – US/Canada/Latin America

*Varies based on each installation due to environmental conditions.

ProSeries Security and Life Safety Sensors Technical Specifications

Intrusion Sensors (continued)

Shock Sensor

PROSIXSHOCK

Mounting Hardware – Included
Tamper Protected – Yes
RF Frequency – 2.4 GHz
Encryption – 128-bit AES
Mounting Hardware – Included
Power Requirements – 1 x 3V Lithium, Panasonic CR123A, Duracell DL123A or Huiderui CR123A
Operating Temperature – 32° to 122° F/0° to 50° C (Agency Compliance 32° to 120° F/0°–49° C)
Relative Humidity – 95% max. (Agency Compliance 93% max.), non-condensing
Dimensions – 1"H x 3.13" L x 1.61" W/ 25.5mm H x 79.5mm L x 41mm W
Approval Listings – FCC/IC, cETL Listed, Conforms to UL 634, Certified to ULC/ORD-C634
Other Standards – RoHS, Product must be tested at least once each year

Temperature Sensor

PROSIXTEMP

Mounting Hardware – Included
Tamper Protected – Yes
Frequency – 2.4 GHz
Encryption – 128-bit AES
Power Requirements – 1 x 3V Lithium, Panasonic CR123A, Duracell DL123A or Huiderui CR123A
Operating Temperature – 32° F to 122° F/0° C to 50° C
Relative Humidity – 95% max., non-condensing
Dimensions – 1" H x 3.13" L x 1.61" W/ 25.5mm H x 79.5mm L x 41mm W
Approval Listings – FCC/IC, ANSI/UL 873 and ANSI/UL 2017, Certified to CAN/CSA STD C22.2 #205

Glassbreak Detector

PROSIXGB

Mounting Hardware – Included
Detection Pattern – 25 ft (7.6 meters) radius
Tamper Protected – Yes
LED Indicators – Yes
Transmission Range – 300 ft (92 meters) plus*
Frequency – 2.4 GHz
Encryption – 128-bit AES
Power Requirements – 3 volt CR123 battery (Qty 1)
Operating Temperature – 32° F to 122° F/0° C to 50° C
Relative Humidity – 5-95%, non-condensing
Dimensions – 3.7" diameter x 1.1" depth/ 96mm diameter x 29mm depth
Approval Listings – FCC/IC, ETL Listed to UL 639, cETL Listed to ULC-S306
Authorized Countries – US/Canada/Latin America

FLOOD/LEAK DETECTION

Flood Detector

PROSIXFLOOD

Mounting Hardware – Included
Battery – 1 x 3V Lithium, Panasonic CR123A, Duracell DL123A or Huiderui CR123A
Tamper – Front Cover and Wall
RF Frequency – 2.4 GHz
Encryption – 128-bit AES
Operating Temperature – 32° to 122° F/0° to 50° C (Agency Compliance 32° to 120° F/0° to 49° C)
Relative Humidity – 95% max. (Agency Compliance 93% max.), non-condensing
Dimensions – 1" H x 3.13" L x 1.61" W/ 25.5mm H x 79.5mm L x 41mm W

*Varies based on each installation due to environmental conditions.

ProSeries Security and Life Safety Sensors Technical Specifications

LIFE SAFETY SENSORS

Combination Smoke/Carbon Monoxide (CO) Detector

PROSIXCOMBO / PROSIXCOMBOC (Canada)

Mounting Hardware – Included
Sensitivity – UL limits .9 to 3.50%/ft; ULC limits .9 to 3.08%/ft
Audible Signal – 85dBA
Tamper Protected – Yes
Power Requirements – 3 volts DC, CR123A Lithium, Panasonic CR123A only (Qty 4)
Thermal Alarm – 135° F/57° C
Freeze Trouble – 41° F typical/5° C

Operating Temperature Range – 32° to 100° F/ 0° to 38° C
Storage Temperature Range – 14° to 158° F/ -10° to 70° C
Operating Humidity Range – 20-95% RH
Dimensions – 5.95" diameter x 2.03" height/ 151mm diameter x 52mm height
Weight – 14.3 oz; 406 g

Carbon Monoxide (CO) Detector

PROSIXCO / PROSIXCOCN (Canada)

Mounting Hardware – Included
Sensitivity – UL2034/UL2075 CO
Audible Signal – 85dBA
Encryption – 128-bit AES
LED Indicators – Yes
Tamper Protected – Yes
Power Requirements – 3 volts DC, CR123A or Duracell DL123, DL123A lithium (Qty 2)

Operating Temperature Range – 32° F to 122° F/0° C to 50° C
Storage Temperature Range – 1° F to 158° F/ -10° C to 70° C
Relative Humidity – 20-95% RH
Dimensions – 5.3" diameter

Smoke Detector

PROSIXSMOKEV
Mounting Hardware – Included
LED Indicators – Yes
Tamper Protected – Yes
Detection Pattern – 360 degrees
Transmission Range – 300 ft (92 meters)*
Frequency – 2.4 GHz
Encryption – 128-bit AES
Power Requirements – 3 volt CR123 battery (Qty 2)
Operating Temperature – 32° F to 95° F/0° C to 35° C

Relative Humidity – 5-95%, non-condensing
Dimensions – 5.3" diameter x 1.6" depth/ 135mm diameter x 42mm depth
Approval Listings – FCC/IC, ETL Listed to UL 268 and UL 521, cETL Listed to ULC-S530 and ULC-S531
Authorized Countries – US/Canada/Latin America

Heat Sensor

PROSIXHEATV

Mounting Hardware – Included
Tamper Protected – Yes
Frequency – 2.4 GHz
Encryption – 128-bit AES
Power Requirements – 2 x 3v lithium, Panasonic CR123A, Duracell DL123A or Huiderui CR123A

Operating Temperature – 40° F to 135° F/4° C to 57° C
Relative Humidity – 95% max., non-condensing
Dimensions – 4.5" diameter/114mm diameter
Approval Listings – FCC/IC-ETL Listed to UL 269, cETL Listed to ULC S530 and S531

*Varies based on each installation due to environmental conditions.

ProSeries Security and Life Safety Sensors Technical Specifications

WEARABLES

Two-Way Wireless Key

PROSIXFOB

Transmission Range – 200 ft (61 meters) plus*
LED Indicators – Yes
Frequency – 2.4 GHz
Encryption – 128-bit AES
Battery Life – Two years (typical use)
Power Requirements – 3 volt 2032 coin cell battery (Qty 1)
Tamper Protected – No
Operating Temperature – 32° to 122° F/0° to 50° C
Relative Humidity – 5-95%, non-condensing
Dimensions – 0.4" H x 1.4" W x 2.5" L/ 11mm H x 36mm W x 65mm L
Approval Listings – FCC/IC, ETL Listed to UL 1023 and UL 985, cETL Listed to ULC/ORD-C1023 and ULC-S545, UL 1635, UL 1610
Authorized Countries – US/Canada/Latin America

Personal Medical Transmitter

PROSIXMED

Battery – 1 x 3V Coin Cell, Duracell DL2450, Panasonic CR2450, Energizer CR2450
RF Frequency – 2.4 GHz
Encryption – 128-bit AES
Operating Temperature – 32° to 122° F/0° to 50° C (Agency Compliance 32° to 120° F/0° to 49° C)
Relative Humidity – 95% max. (Agency Compliance 93% max.), non-condensing
Dimensions – 0.5" H x 1.5" L x 1.5" W/ 13mm H x 38mm L x 38mm W
Approval Listings – FCC/IC, cETLus Listed, Conforms to UL 1023, UL 985, & UL1637, Certified to ULC ORD-C1023 & ULC-S545
Other Standards – RoHS, Product must be tested at least once each year.

IMPORTANT!

- This wireless key is intended as a convenience to the user and should not be considered a life safety device.
- Medical devices can be used with a belt clip, lanyard, or wristband.

Personal Panic Transmitter

PROSIXPANIC

Battery – 1 x 3V Coin Cell, Duracell DL2450, Panasonic CR2450, Energizer CR2450
RF Frequency – 2.4 GHz
Encryption – 128-bit AES
Operating Temperature – 32° to 122° F/0° to 50° C (Agency Compliance 32° to 120° F/0° to 49° C)
Relative Humidity – 95% max. (Agency Compliance 93% max.), non-condensing
Dimensions – 0.5" H x 1.5" L x 1.5" W/ 13mm H x 38mm L x 38mm W
Approval Listings – FCC/IC, cETLus Listed, Conforms to UL1023, UL985, & UL1637, Certified to ULC ORDC1023 & ULC-S545
Other Standards – RoHS, Product must be tested at least once each year.

IMPORTANT!

- This wireless key is intended as a convenience to the user and should not be considered a life safety device.
- Panic devices can be used with a belt clip, lanyard, or wristband.

*Varies based on each installation due to environmental conditions.

SOUNDERS

Indoor Siren

PROSIXSIREN

Mounting Hardware - Included
LED Indicators - Yes
Sound Pattern - 360 degrees
Tamper Protected - Yes
Power Requirements - AA Energizer™ Lithium (Qty 4)
Transmission Range - 300 ft (92 meters) plus*
Frequency - 2.4 GHz
Encryption - 128-bit AES
Battery Life - Five years (typical use)
Operating Temperature - 32° F to 122° F/0° C to 50° C
Relative Humidity - 5-95%, non-condensing
Dimensions - 5.5" diameter x 1.8" depth/ 140mm diameter x 46mm depth
Approval Listings - FCC/IC, ETL Listed to UL 985 and UL 1023, cETL Listed to ULC-S545 and ULC/ORD-C1023
Authorized Countries - US/Canada/Latin America

*Varies based on each installation due to environmental conditions.

Outdoor Siren

PROSIXSIRENO

Range - 300 feet nominal indoors (actual range determined by the system in TEST mode)
Tamper - Cover and wall tamper
Mounting Hardware – Included (can be mounted on the wall or on the ceiling)
LED Indicators - Yes
Siren Output Level - 85 dB at 10 feet
RF Frequency - 2.4 GHz
Encryption - 128-bit AES
Power Requirements - 3.3 volts DC, 1.5V, AA Lithium, Non-Rechargeable; Energizer E2
Current - 339 mA, Typical
Operating Temperature Range - -40F° to 122° F/ -40° to 60° C (Agency Compliance 32° F to 120° F/0° C to 49° C)
Relative Humidity - 95% max. (Agency Compliance 93% max), non-condensing
Dimensions - 6.1" diameter x 1.8" depth/ 15.5cm diameter x 4.7cm depth
Approval Listings - FCC/IC, cETLus Listed, conforms to UL 985/UL 1023, certified to ULC-S545 and ULC/ORD-C1023
Other Standards - RoHS

ORDERING

PROSIXCO	Carbon Monoxide (CO) Detector
PROSIXCOMBO	Combination Smoke/Carbon Monoxide (CO) Detector
PROSIXCT	Door/Window Sensor
PROSIXFLOOD	Flood Detector
PROSIXFOB	Two-Way Wireless Key
PROSIXGB	Glassbreak Detector
PROSIXHEATV	Heat Sensor
PROSIXMED	Personal Medical Transmitter
PROSIXMINI	Door/Window Sensor
PROSIXMINI2	Door/Window Sensor
PROSIXPANIC	Wireless Personal Panic Transmitter
PROSIXPIR	Motion Detector
PROSIXSHOCK	Shock Sensor
PROSIXSIREN	Indoor Siren
PROSIXSIRENO	Outdoor Audible and Visual Alarm Device
PROSIXSMOKEV	Smoke Detector
PROSIXTEMP	Temperature Sensor

CANADA	
PROSIXCOCN	Carbon Monoxide (CO) Detector
PROSIXCOMBOC	Combination Smoke/Carbon Monoxide (CO) Detector

REPLACEMENT BATTERIES	
466	Replacement (3VDC/1/3A) CR1 Battery for use with PROSIXCT, PROSIXPIR, PROSIXGB, PROSIXSHOCK, PROSIXFLOOD (requires 1), PROSIXSMOKEV (requires 2)
462	Replacement (1.5VDC) AAA Lithium Battery for SiX peripherals for use with PROSIXSIREN (requires 4), PROSIXSIRENO (requires 4)
700-04008	Replacement Battery for use with PROSIXMED and PROSIXPANIC
CR2032	Replacement Battery for use with PROSIXFOB

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