



## ProSeries Security and Life Safety Sensors



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

# 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 Huiderei 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 Huiderei 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 Huiderei 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

# 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 Huiderei 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

# 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.



### 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

For more information  
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L/PSR62WWSD/D | 09/20  
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