ProSeries Security and Life Safety Sensors

Application

ProSeries sensors use next generation Two-Way Wireless Technology utilizing Resideo's proprietary SiX® protocol for security and the connected home. With its proven innovative technology and superior performance, PROSiX enables faster installations, supports easier maintenance, and employs secure, encrypted communication.

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

Special Features

- **Secure Encryption**
  Employs 128-bit AES encryption for a high level of security.
- **Remote Diagnostics**
  Use System Health Check to proactively troubleshoot by monitoring device signal strength, sensor settings, and battery life anytime, anywhere.
- **Fewer Customer Visits**
  Reduces visits with user-replaceable batteries and the ability to remotely update firmware of the panel and the peripherals, and adjust sensor parameters.
- **One-Go-All-Go Interconnected Smoke Alarm**
  If one device goes into alarm mode either manually or system triggered, all other associated smoke devices throughout the premises will sound to alert occupants of a threat, which adds an extra layer of safety and assurance.

Door/Window Sensors
PROSIXCT-EU
PROSIXMINI-EU



Motion Sensor
PROSIXPIR-EU



Indoor MotionViewer
PROINDMV-EU

Shock Sensor
PROSIXSHK-EU

Shock & Door Sensor
PROSIXSHKCT-EU



Glassbreak Detector
PROSIXGB-EU



Smoke Detector
PROSIXSMOKE-EU



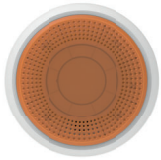
Two-Way Wireless Key
PROSIXFOB-EU



Medical and Panic Transmitters
PROSIXMED-EU
PROSIXPANIC-EU



Indoor Siren
PROSIXSIREN-EU



Outdoor Siren
PROSIXSIRENO-EU

Technical Data

Intrusion Sensors

Door/Window Sensor	PROSIXCT-EU
Shock and Door Sensor	**PROSIXSHKCT-EU**
Magnetic Gap:	20 mm gap for reed switch
Magnet Position:	Left and right
Shock detection:	PROSIXSHKCT-EU only (accelerometer)
Tamper Protected:	Cover and wall tamper
Auxiliary Input Terminal:	Yes
LED Indicators:	Yes
Frequency:	2.4 GHz
Encryption:	128-bit AES
Power Requirements:	3 V CR123A battery (Qty 1)
Battery life:	5 years (typical use)
Operating temperature:	-10 °C to +55 °C
Relative humidity:	95 % max., non-condensing
Standards and Approvals:	CE, UKCA, EN 50131 Grade 2 class II, NF&A2P 2 shields

Mini Door/Window Sensor	PROSIXMINI-EU
Magnetic Gap:	24 mm gap for reed switch
Tamper Protected:	Cover and wall tamper
LED Indicators:	Yes
Frequency:	2.4 GHz
Encryption:	128-bit AES
Power Requirements:	3 V CR2 battery (Qty 1)
Battery life:	5 years (typical use)
Operating temperature:	-10 °C to +55 °C
Relative humidity:	95 % max., non-condensing
Standards and Approvals:	CE, UKCA, EN 50131 Grade 2 class II, NF&A2P 2 shields

Motion Sensor	PROSIXPIR-EU
Lens:	Fresnel
Detection Angle:	90°
Detection Pattern:	12 m x 17 m
Pet Immune:	Yes
Tamper Protected:	Cover and wall tamper
LED Indicators:	Yes
Frequency:	2.4 GHz
Encryption:	128-bit AES
Power Requirements:	3 V CR123A battery (Qty 1)
Battery life:	5 years (typical use)
Operating temperature:	-10 °C to +55 °C
Temp. Compensation:	Yes
Relative humidity:	95 % max., non-condensing
Standards and Approvals:	CE, UKCA, EN 50131 Grade 2 class II, NF&A2P 2 shields

Indoor MotionViewer	PROINDMV-EU
Lens:	Fresnel
Detection Angle:	90°
Detection Distance:	12 m x 17 m
Video Sensor Type:	CMOS
Resolution:	Color QVGA (320*240)
Night Illumination:	Automatic with one white LED
Tamper Protected:	Cover and wall tamper
Frequency:	868 MHz
Encryption:	128-bit AES
Power Requirements:	3 V CR123A battery (Qty 3)
Battery life:	5 years (typical use)
Operating temperature:	-10 °C to +55 °C
Relative humidity:	95 % max., non-condensing
Standards and Approvals:	CE, UKCA, EN 50131 Grade 2 class II, NF&A2P 2 shields

Shock Sensor	PROSIXSHK-EU
Tamper Protected:	Cover and wall tamper
Shock detection:	Accelerometer
Wired Input:	Yes
Frequency:	2.4 GHz
Encryption:	128-bit AES
Power Requirements:	3 V CR123A battery (Qty 1)
Battery life:	5 years (typical use)
Operating temperature:	-10 °C to +55 °C
Relative humidity:	95 % max., non-condensing
Standards and Approvals:	CE, UKCA

Glassbreak Detector	PROSIXGB-EU
Tamper Protected:	Cover and wall tamper
LED Indicators:	Yes
Frequency:	2.4 GHz
Encryption:	128-bit AES
Power Requirements:	3 V CR123A battery (Qty 1)
Battery life:	4 years (typical use)
Operating temperature:	-10 °C to +55 °C
Temp. Compensation:	Yes
Relative humidity:	95 % max., non-condensing
Standards and Approvals:	CE, UKCA

Life Safety

Smoke Detector	PROSIXSMOKE-EU
Tamper Protected:	Cover tamper
LED Indicators:	Yes
Frequency:	2.4 GHz
Encryption:	128-bit AES
Power Requirements:	3 V CR123A battery (Qty 2)
Battery life:	5 years (typical use)
Operating temperature:	0 °C to +40 °C
Relative humidity:	95 % max., non-condensing
Standards and Approvals:	CE, UKCA, EN 14604

Wearables

Two-Way Wireless Keyfob	PROSIXFOB-EU
LED Indicators:	2 LEDs
Sounder:	Yes (buzzer)
Frequency:	2.4 GHz
Encryption:	128-bit AES
Power Requirements:	3 V CR2032 coin cell battery (Qty 1)
Battery life:	2.5 years (typical use)
Operating temperature:	-10 °C to +55 °C
Relative humidity:	95 % max., non-condensing
Ingress Protection:	IP32
Battery life:	Two years (typical use)
Number of buttons:	Four
Standards and Approvals:	CE, UKCA, EN 50131 Grade 2 class II, NF&A2P 2 shields

Personal Medical Transmitter	PROSIXMED-EU
Frequency:	2.4 GHz
Encryption:	128-bit AES
Power Requirements:	3 V CR2450 coin cell battery (Qty 1)
Battery life:	4 years (typical use)
Operating temperature:	-10 °C to +55 °C
Relative humidity:	95 % max., non-condensing
Ingress Protection:	IP32
LED Indicators:	One LED
Number of buttons:	One
Accessories:	Belt clip, lanyard, wristband
Standards and Approvals:	CE, UKCA, EN 50131 Grade 2 class II, NF&A2P 2 shields

Personal Panic Transmitter	PROSIXPANIC-EU
Frequency:	2.4 GHz
Encryption:	128-bit AES
Power Requirements:	3 V CR2450 battery (Qty 1)
Battery life:	4 years (typical use)
Operating temperature:	-10 °C to +55 °C
Relative humidity:	95 % max., non-condensing
Ingress Protection:	IP32
LED Indicators:	One LED
Number of buttons:	Two
Accessories:	Belt clip, lanyard, wristband
Standards and Approvals:	CE, UKCA, EN 50131 Grade 2 class II, NF&A2P 2 shields

Sounders

Indoor Siren	PROSIXSIREN-EU
Tamper Protected:	Cover and wall tamper
LED Indicators:	Yes (Flash)
Frequency:	2.4 GHz
Encryption:	128-bit AES
Siren Output Level:	85 dB at 3 m
Power Requirements:	1.5 V, AA L91 Lithium (Qty 4)
Battery life:	5 years (typical use)
Operating temperature:	-10 °C to +55 °C
Relative Humidity:	95 % max., non-condensing
Standards and Approvals:	CE, UKCA, EN 50131 Grade 2 class II, NF&A2P 2 shields

Outdoor Siren	PROSIXSIRENO-EU
Tamper Protected:	Cover and wall tamper
LED Indicators:	Yes (Flash)
Frequency:	2.4 GHz
Encryption:	128-bit AES
Siren Output Level:	85 dB at 3 m
Power Requirements:	1.5 V, AA L91 Lithium (Qty 4)
Battery life:	5 years (typical use)
Operating temperature:	-25 °C to +60 °C
Ingress Protection:	IP54
Standards and Approvals:	CE, UKCA

Ordering Information

Options

Description	Dimensions	Weight	Item No.
Door/Window Sensor	H=24 mm, L=105 mm, W=23 mm	63 g	PROSIXCT-EU
Mini Door/Window Sensor	H=19 mm, L=73 mm, W=30 mm	37 g	PROSIXMINI-EU
Motion Sensor	H=106 mm, L=41 mm, W=60 mm	115 g	PROSIXPIR-EU
Indoor MotionViewer	H=106 mm, L=105 mm, W=60 mm	165 g	PROINDMV-EU
Shock Sensor	H=24 mm, L=105 mm, W=23 mm	60 g	PROSIXSHK-EU
Shock and Door Sensor	H=24 mm, L=105 mm, W=23 mm	63 g	PROSIXSHKCT-EU
Smoke Detector	46 mm, 120 mm diameter	205 g	PROSIXSMOKE-EU
Two-Way Wireless Keyfob	H=11 mm, L=36 mm, W=65 mm	35 g	PROSIXFOB-EU
Personal Medical Transmitter	H=15 mm, L=47 mm, W=40 mm	25 g	PROSIXMED-EU
Personal Panic Transmitter	H=15 mm, L=47 mm, W=40 mm	25 g	PROSIXPANIC-EU
Indoor Siren - Audible and Visual Alarm Device	H=49 mm, 139 mm diameter	277 g	PROSIXSIREN-EU
Outdoor Siren - Audible and Visual Alarm Device	H=49 mm, 155 mm diameter	358 g	PROSIXSIRENO-EU
Glassbreak Detector	H=29 mm, 90 mm diameter	97 g	PROSIXGB-EU

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