



PIR Movement Detector **IR-S1L**

Pet Immune PIR Movement Detector **IRP-S1L**



#### Product Features:

- Powered by pre-inserted Lithium battery
- Microprocessor controlled with advanced ADSP algorithms for false alarm immunity
- Two selectable sensitivity levels
- Features long battery life
- Pet immunity function to prevent false alarm from household pets (IRP-S1L only)
- Tamper protection to prevent unauthorized sabotage
- Randomized supervision signals for system integrity checks and troubleshooting
- Low battery detection
- LED serving as a fault and test mode indicator
- Compliant with CE requirements
- For indoor use only

#### Technical Data:

- Power: Lithium CR123A 3V battery x 1
- Battery Life: 5 years <sup>1</sup>
- PIR Detection Range: 12 meters over 110° angle
- Pet Immunity for animal up to 25 kgs (IRP-S1L only)
- Pet Immune Range: 7 meters (IRP-S1L only)
- Radio Frequency: 868 MHz
- RF Communication Range: Over 200 meters in open space
- Operating Temperature: -10°C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: 53.2mm X 67mm X 89.2mm

1. Actual battery life may vary with product settings, usage patterns and operating environment.



## Door Contact **DC-S1**



### Product Features:

- Wireless door contact enhances installation flexibility
- Features long battery life to reduce maintenance costs and hassles
- Small enough to be mounted on door or window frames
- Tamper protection to prevent unauthorized removal, sabotage or unsteady installation
- Randomized supervision signals for system integrity checks and troubleshooting
- Low battery detection
- LED serving as a fault and test mode indicator
- Compliant with CE requirements
- For indoor use only

### Technical Data:

- Power: Lithium CR2 3V battery x 1
- Battery Life: 3.9 years<sup>1</sup>
- Radio Frequency: 868 MHz
- RF Communication Range: Over 200 meters in open space
- Operating Temperature: -10°C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: 104.75mm X 28.5mm X 19.5mm

1. Actual battery life may vary with product settings, usage patterns and operating environment.



## Door Contact with Roller Shutter or Curtain Sensor **DC-S3**



### Product Features:

- Wireless door contact enhances installation flexibility
- Mount on door frame to monitor door opening
- Provide extra protection with built-in extension terminals for either wired extension device or roller shutter/curtain connection.
- Tamper protection to prevent unauthorized removal, sabotage or unsteady installation
- Randomized supervision signals for system integrity checks and troubleshooting
- Low battery detection
- LED serving as a fault and test mode indicator
- Compliant with CE requirements
- For indoor use only

### Technical Data:

- Power: Lithium 1/2AA 3.6V battery x 1
- Battery Life: 2 years<sup>1</sup>
- Radio Frequency: 433/868 MHz
- RF Communication Range: Over 200 meters in open space
- Operating Temperature: -10°C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: 107mm X 32mm X 22mm

1. Actual battery life may vary with product settings, usage patterns and operating environment.



## REMOTE CONTROL **RC-S3**



### Product Features:

- Portable device to remotely control your alarm system status with Away/Home/Disarm/Panic Alarm function
- One press on the panic alarm button will raise an alarm
- Long battery life
- LED Indicator
- Low battery detection

### Technical Data:

- Power: Lithium CR2032 3V Battery x1
- Battery Life: 8 years<sup>1</sup>
- Radio Frequency: 433 MHz/ 868 MHz
- RF Communication Range: Over 200 meters in open space
- Operating Temperature: -10 °C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: 47mm x 38mm x 13.6mm

1. Actual battery life may vary with product settings, usage patterns and operating environment.



## Remote Keypad **KP-S1**



### Product Features:

- Powered by pre-inserted Lithium battery
- 16-button backlit keypad
- Install at secondary entrance for entry control or bedroom for easy access of alarm system at night
- System mode control for Away Arm/Home Arm/Disarm and manual Fire/Panic/Emergency Alarm activation
- Tamper protection to prevent unauthorized removal from mounted surface or cover opening
- Randomized supervision signals for system integrity checks and troubleshooting
- Low battery detection
- Two-way radio with LED serving as system fault and arm mode indicator
- Compliant with CE requirements
- For indoor use only

### Technical Data:

- Power: Lithium CR2 3V battery x 1
- Battery Life: 4.5 years<sup>1</sup>
- Radio Frequency: 433 MHz / 868 MHz
- RF Communication Range: Over 200 meters in open space
- Operating Temperature: -10°C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: 80mm X 116mm X 20.5mm

1. Actual battery life may vary with product settings, usage patterns and operating environment.



## Remote Keypad with Proximity Tags

### KPT-S1



#### Product Features:

- Powered by pre-inserted Lithium battery
- 16-button backlit keypad
- Install at secondary entrance for entry control or bedroom for easy access of alarm system at night
- System mode control for Away Arm/Home Arm/Disarm and manual Fire/Panic/Emergency Alarm activation
- Tamper protection to prevent unauthorized removal from mounted surface or cover opening
- Randomized supervision signals for system integrity checks and troubleshooting
- Low battery detection
- Two-way radio with LED serving as system fault and arm mode indicator
- Compliant with CE requirements
- Integrate with RFID Tag for easy system control
- For indoor use only

#### Technical Data:

- Power: Lithium CR2 3V battery x 1
- Battery Life: 4 years<sup>1</sup>
- Radio Frequency: 433 MHz / 868 MHz
- RF Communication Range: Over 200 meters in open space
- Operating Temperature: -10°C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: 80mm X 116mm X 20.5mm

1. Actual battery life may vary with product settings, usage patterns and operating environment.



## Temperature Sensor **TS-S1**



### Product Features:

- Temperature detection range: -10°C to 50°C
- Transmits temperature signal to Control Panel at regular interval of 30 minutes
- Supervision signals for system integrity check and troubleshooting
- Low battery detection
- For indoor use only

### Technical Data:

- Power: Lithium 1/2AA 3.6V battery x 1
- Battery Life: 4 years <sup>1</sup>
- Radio Frequency: 433 MHz / 868 MHz
- RF Communication Range: Over 200 meters in open space
- Operating Temperature: -10°C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: 103mm X 31mm X 21mm

1. Actual battery life may vary with product settings, usage patterns and operating environment.



## Panic Button **PB-S1**



### Product Features:

- Activates Panic Alarm when the button is pressed
- Long battery life
- Randomized supervision signals for system integrity checks and troubleshooting
- Low battery detection
- LED as transmission indicator

### Technical Data:

- Power: Lithium CR2032 3V battery x 1
- Battery Life: 8 years <sup>1</sup>
- Radio Frequency: 433 MHz / 868 MHz
- RF Communication Range: Over 200 meters in open space
- Operating Temperature: -10°C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: 72mm X 43mm X 15mm

1. Actual battery life may vary with product settings, usage patterns and operating environment.





## Smoke Detector **SD-S1**



### Product Features:

- Excellent stability with high sensitivity
- Detection method: Reflective photoelectric sensor
- Digital Signal Processing
- Diagnostic function: a Test button for self-test including optical sensor diagnosis
- Auto sensor regular calibration to maintain optimum working condition
- Randomized supervision signals for system integrity checks and troubleshooting
- Low battery detection
- Built-in siren for audio alert
- EN54-7 and EN14604 certified

### Technical Data:

- Power: Alkaline AAA battery x 4
- Battery Life: 2.5 years<sup>1</sup>
- Alarm Volume: 95 dB @ 1 meter
- Radio Frequency: 868 MHz
- RF Communication Range: Over 200 meters in open space
- Operating Temperature: -10°C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: Ø105mm X 42mm

1. Actual battery life may vary with product settings, usage patterns and operating environment.



## Heat Detector **HD-S1**



### Product Features:

- High Temperature Alarm: activates alarm when temperatures rises over 57°C
- Rate-of-rise Alarm: activates alarm when temperature rises more than 8.3°C per minute
- Randomized supervision signals for system integrity checks and troubleshooting
- Low battery detection
- Built-in siren for audio alert

### Technical Data:

- Power: Alkaline AA battery x 3
- Battery Life: 3 years <sup>1</sup>
- Alarm Volume: 95 dB @ 1 meter
- Radio Frequency: 433MHz / 868 MHz
- RF Communication Range: Over 200 meters in open space
- Operating Temperature: -10°C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: Ø105mm X 42mm

1. Actual battery life may vary with product settings, usage patterns and operating environment.



## Carbon Monoxide Detector **CO-S1**



### Product Features:

- Sensitivity: meets EN50291
- Detection method: Electrochemical CO sensor
- Response Time:
  - CO concentration 300 PPM: < 3 minutes
  - CO concentration 100 PPM: 10-40 minutes
  - CO concentration 50 PPM: 60-90 minutes
  - CO concentration 30 PPM: > 120 minutes
- Periodic self diagnosis
- Digital Signal Processing
- Randomized supervision signals for system integrity checks and troubleshooting
- Low battery detection
- Built-in siren for audio alert

### Technical Data:

- Power: Alkaline AA battery x 3
- Battery Life: 2 years <sup>1</sup>
- Alarm Volume: 95 dB @ 1 meter
- Radio Frequency: 433MHz / 868 MHz
- RF Communication Range: Over 200 meters in open space
- Operating Temperature: -10°C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: 130mm X 100mm X 41mm

1. Actual battery life may vary with product settings, usage patterns and operating environment.



## Outdoor Siren **BX-S1**



### Product Features:

- Two-way radio
- System status indicator with siren beeps and strobe light
- Adjustable siren alarm length and strobe light activation duration
- Tamper protection to prevent unauthorized sabotage
- Randomized supervision signals for system integrity checks and troubleshooting
- Low battery detection
- Waterproof & UV Proof with IP rating 43
- For both outdoor and indoor use

### Technical Data:

- Power: Alkaline D-Cell x 4
- Battery Life: 2 years <sup>1</sup>
- Alarm Volume: 104 dB @ 1 m
- Radio Frequency: 433 MHz / 868 MHz
- RF Communication Range: Over 200 meters in open space
- Operating Temperature: -10°C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: 257mm X 220mm X 69mm

1. Actual battery life may vary with product settings, usage patterns and operating environment.



## Water Sensor **WS-S1**



### Product Features:

- Transmits alarm signal to Control Panel upon water detection
- Detection Method: Resistance Bridge
- Two types of water detection probe for either ground deployment or wall mounting
- Randomized supervision signals for system integrity checks and troubleshooting
- Low battery detection
- Built-in siren for audio alert

### Technical Data:

- Power: Lithium CR123A 3V battery x 1
- Battery Life: 7 years<sup>1</sup>
- Alarm Volume: 95 dB @ 1 meter
- Radio Frequency: 433MHz / 868 MHz
- RF Communication Range: Over 200 meters in open space
- Operating Temperature: -10°C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: 95mm X 82.5 X 29.5mm

1. Actual battery life may vary with product settings, usage patterns and operating environment.

## POWER METER SWITCH **PSM-S1**



### Product Features:

- Remotely turn on/off a home appliance via a smartphone or PC anytime, anywhere.
- Built-in power meter to measure & report energy consumption
- Energy consumption reports are viewable online & via smartphone
- Compatible with Q Hub to control home appliances with preset conditions and schedules
- LED indicator
- Blends naturally into any home decor

### Technical Data:

- Communication Protocol: ZigBee Pro Ha 1.2
- Power: 110-230V, 50/60Hz
- Accuracy: +/-5%
- Maximum load:
  - 110V: 1760W 16A
  - 230V: 3680W 16A
- Operating Temperature: -10°C to 45°
- Operating Humidity: Up to 85% non-condensing
- Dimensions: 78mm x 52mm x 85.5mm



## Indoor Siren **SR-S1**



### Product Features:

- Two-way radio
- System status indicator with siren beeps
- Adjustable siren alarm length
- Tamper protection to prevent unauthorized sabotage
- Randomized supervision signals for system integrity checks and troubleshooting
- Low battery detection
- For indoor use only

### Technical Data:

- Power: Alkaline D-Cell x 4
- Battery Life: 2 years <sup>1</sup>
- Alarm Volume: 104 dB @ 1 m
- Radio Frequency: 433 MHz / 868 MHz
- RF Communication Range: Over 200 meters in open space
- Operating Temperature: -10°C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: 288mm X 113mm X 54mm

1. Actual battery life may vary with product settings, usage patterns and operating environment.



## AC Powered Indoor Siren **SRAC-S1**



### Product Features:

- AC powered with backup battery
- Two-way radio
- System status indicator with siren beeps
- Adjustable alarm volume
- AC failure detection
- Randomized supervision signals for system integrity checks and troubleshooting
- For indoor use only
- Compact size for easy installation

### Technical Data:

- Power Supply: 100~230V AC 50/60Hz
- Backup Battery Time: 40 hours
- Alarm Volume: 95 dB @ 1 m
- Radio Frequency: 433 MHz / 868 MHz
- RF Communication Range: Over 200 meters in open space
- Operating Temperature: -10°C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: 95mm X 63mm X 83mm

1. Actual battery life may vary with product settings, usage patterns and operating environment.





## PIR CAMERA IRC-S2



### Product Features:

- Completely Wireless
- Easy plug-n-play installation
- Low power consumption
- Takes 3 high-quality color QVGA (320x240 pixels) alarm images when movement detected
- 1 remote look-in color QVGA image upon request
- Night surveillance up to 5 meters
- Tamper protection to prevent unauthorized sabotage
- Randomized supervision signals for system integrity checks and troubleshooting
- LED serves as a fault and test mode indicator
- Compliant with CE requirements

### Technical Data:

- Communication Protocol: ZigBee Home Automation 1.2
- Power: AA 1.5V Alkaline Battery x 2
- Battery Life: 2 years<sup>1</sup>
- PIR Detection Range: 10 meters
- PIR (Horizontal) Detection Angle: 100° degrees
- Operating Temperature: -10°C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: 99mm x 48mm x 43.3mm

<sup>1</sup> Actual battery life may vary with product settings, usage patterns and operating environment.



## IP CAMERA **IPC-S1**



### Product Features:

- IR illumination to enhance low light performance
- Easy Plug n' Play
- Provides 1280 x 720 on-site security videos
- Enables users to live stream remotely from mobile devices
- HD Video
- Privacy mode to protect against unconscious exposure
- Secure4Home app control
- MicroSD Card slot for optional local video storage
- Records video when an alarm is activated by the sensors in your Q or SH-series alarm system. The 40 seconds alarm video function includes a 10 seconds buffer video, filed prior to the intrusion event. Blaupunkt offers a "secure cloud service" for filing videos (see "Premium Service")

### Technical Data:

- Description: 720p compact IP Camera
- Image Sensor: 1.3 Megapixel Progressive Scan CMOS
- Resolution: 1280x 720p
- Horizontal Angle of View: 50° degrees
- Min Illumination: 0.1 lux
- Wireless Interface: IEEE 802.11b/g/n
- Power Input: 5V 1A, 100~240V AC adaptor
- Operating Temperature: -10°C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: 93mm x 82mm x 41.4mm



## Curtain PIR Sensor **CIR-S1**



### Product Features:

- Designed to protect windows, corridors, and all-glass walls
- Features long battery life to reduce maintenance costs and hassles
- Tamper protection to prevent unauthorized sabotage
- Randomized supervision signals for system integrity checks
- Powered by pre-inserted Lithium battery
- Low battery detection
- LED serving as a fault and test mode indicator
- Compliant with CE requirements
- For indoor use only

### Technical Data:

- Power: Lithium CR123A 3V battery x 1
- Battery Life: 3.5 years
- PIR Detection Range: Up to 10 meters
- Vertical Range: 10° degrees
- Horizontal Range: 110° degrees
- Radio Frequency: 868 MHz
- Operating Temperature: -10°C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: 76mm X 56mm X 43mm

1. Actual battery life may vary with product settings, usage patterns and operating environment.



# SHOCK, VIBRATION & GLASSBREAK SENSOR **SVGS-S1**



## Product Features:

- Detects glass break and vibration
- Easy to install
- Works on any glass surface
- Adjustable vibration detection sensitivity
- LED indicator for settings
- Low battery indicator
- Periodic supervisory signals check system integrity

## Technical Data:

- Communication Protocol: ZigBee Pro Home Automation 1.2
- Frequencies: 2.4GHz
- Power Supply: CR2032 3V Lithium Battery x 1
- Battery Life: Up to 3.5 years
- Operating Temperature: -10°C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: Ø 40mm x 14mm

***Enjoy it.***



# POWER METER RELAY SWITCH

## PRM2-S1



### Product Features:

- Power Supply: 110-230V, 50/60Hz
- Communication Protocol: ZigBee Pro Home Automation 1.2
- Frequency: 2.4GHz
- Maximum load: 110V: 1100W 10A  
230V: 2300W 10A
- Operating Temperature: -10°C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: 51mm x 48mm x 20mm

### Technical Data:

- Connected directly to power cables and installed in a ceiling or inside a wall socket
- Enable the user to remotely turn on/off electronic appliances
- Built-in power meter to measure and report energy consumption
- Easy installation
- Compact design
- Extension terminals for connection to external switches

*Enjoy it.*



# RADIATOR THERMOSTAT

## TRV-S1



### Product Features:

- Automatic on/off control of a radiator valve according to temperature settings
- Regulates room temperature accordingly when sudden temperature drop detected
- Anti-frosting function when room temperature drops below 5 °C
- Anti-calcification with weekly opening/closing of radiator valve
- Easy control knob for manual temperature adjustments
- Boost Function to temporarily speed up heating process

### Technical Data:

- Communication Protocol: ZigBee Pro Home Automation 1.2
- Frequencies: 2.4 GHz
- Power Supply: 3V, AA Alkaline battery x2
- Battery life: 1.8 years
- Operating Temperature: -10°C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: 107.9mm x 57.45mm x 66mm
- Fits most standard radiator valves (M30 x 1.5)

***Enjoy it.***



# ROLLER SHUTTER CONTROL

## SCM-S1



### Product Features:

- Controls the motor of a roller shutter for the shutter to be automatically or remotely rolled up/down/pause
- Two motor outputs for automatic and remote control of the roller shutter
- Two local switches for optional manual control of the roller shutter
- LED indicates learning mode
- Receives commands from and transmits signals to the control panel
- Designed for home automation and security applications

### Technical Data:

- Communication Protocol: ZigBee Pro Home Automation 1.2
- Frequencies: 2.4 GHz
- Power Supply: 230VAC, 50/60Hz
- Operating Temperature: -10°C to 45°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: 71 mm x 49 mm x 26 mm

***Enjoy it.***