

wLSN Outdoor Siren and Flash

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- ▶ Anti-foam, damage-resistant, flame-resistant, and UV-resistant enclosure
- ▶ Resistant to vibration and temperature extremes
- ▶ Built-in orange flash with ultra-bright LEDs
- ▶ Siren rated as greater than 90 dB when measured at 1 m
- ▶ Long-lasting (up to 2.5 years under normal use) lithium-thionyl chloride battery pack

The ISW-BSR1-WOX wLSN Siren is designed for use outdoors and includes a wLSN RF transceiver that operates in the European Security Band (868 MHz to 869 MHz). The loud (>90 dB when measured at 1 m) siren and array of ultra-bright LEDs behind an orange lens provide both audible and visual notification.

Certifications and approvals

Region	Certification
Europe	CE 2004/108/EC EMC Directive (EMC); 2006/95/EC Low-Voltage Directive (LVD); 1999/5/EC Radio equipment and Telecommunications Terminal Equipment (R&TTE) [-WIX, -WOX]

Installation/configuration notes

Compatibility Information

The 868 MHz wireless Local Security Network (wLSN), including the wLSN Siren (Outdoor), is compatible with the Easy Series Control Panel.

Mounting Considerations

Attach the outdoor siren to a flat, vertical wall so that there is at least 2 cm clearance on all four sides of the enclosure.



Notice

Installation on metal surfaces can affect the RF propagation pattern of the radio transceiver.

The RF transceiver has a range of approximately 1000 m (3000 ft) in open air. However, in normal operation, the actual RF range depends on building construction.



Notice

The siren is loud and the LED array is bright. When the siren is sounding, wear ear protection or remain a reasonable distance from the device. When the LED is on, do not look directly at it.

Parts included

Quant.	Component
1	Siren
1	Lithium-thionyl chloride battery pack
1	Installation instructions

Technical specifications

Electrical

Battery Pack	
• Life:	2-2.5 years under normal usage
• Voltage:	Battery pack contains two batteries, each rated at 3.6 VDC, 13 Ah
Current	
• Alarm:	500 mA; flash only: 50 mA
• Standby:	0.05 mA

Environmental

Environmental Protection:	IP43 ¹
Temperature (operating):	-25°C to +70°C

¹ As defined by standard IEC 60529.

Mechanical

Dimensions (HxWxD):	244 mm x 184 mm x 82 mm
Impact Resistance:	IK08 ²
Material:	Flame- and UV-resistant polycarbonate
Weight:	1.7 kg (without battery pack)

² As defined by standard IEC 62262

Output

Acoustic Sound Level:	>90 dB measured at 1 m
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Transmission and Reception Characteristics

Frequency:	European Security Band 868 MHz to 869 MHz
Range (open field):	~1000 m (3000 ft)

Ordering information

wLSN Outdoor Siren and Flash

Temperature and vibration-resistant siren with ultra-bright flash LEDs operates in the European Security Band (868 MHz to 869 MHz)

Order number **ISW-BSR1-WOX**

Accessories

ISW-BSR1-BAT Outdoor Siren Battery Pack

Provides high, stable operating voltage with high minimum voltage during pulsing

Order number **ISW-BSR1-BAT**

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