

# wLSN Indoor Siren

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- ▶ Elegant looks in a strong, anti-foam, V-0 flame-resistant and UV-resistant textured ABS enclosure
- ▶ Siren rated as greater than 90 dB when measured at 1 m
- ▶ Long-lasting (up to 2.5 years with normal use) lithium-thionyl chloride battery pack
- ▶ Programmable siren duration
- ▶ Easy to install

The ISW-BSR1-WIX wLSN Siren is designed for use indoors 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 provides audible 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

## Installation/configuration notes

### Compatibility Information

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

### Mounting Considerations

Attach the 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. When the siren is sounding, wear ear protection or remain a reasonable distance from the device.

## Parts included

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

## Technical specifications

### Electrical

<b>Battery Pack</b>	
• Life:	2-2.5 years under normal usage
• Voltage:	Battery pack contains two batteries, each rated at 3.6 VDC, 13 Ah
<b>Current</b>	
• Alarm:	500 mA
• Standby:	0.05 mA

### Environmental

Environment:	Indoor, dry
Environmental Protection:	IP31 <sup>1</sup>
Temperature (operating):	-10°C to +55°C

<sup>1</sup> As defined by standard IEC 60529

### Mechanical

Dimensions (HxWxD):	244 mm x 184 mm x 82 mm
Impact Resistance:	IK08 <sup>2</sup>
Material:	Flame- and UV-resistant ABS Class V0
Weight:	1.7 kg (without battery pack)

<sup>2</sup> 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 Indoor Siren

Loud indoor siren (>90 dBa at 1 m) operates in the European Security Band (868 MHz to 869 MHz).  
Order number **ISW-BSR1-WIX**

### 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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