

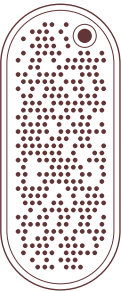
# Smart Siren

A combined siren, voice prompt, and range extender



The Zigbee-based Smart Siren has several functionalities. Firstly, the siren can emit a loud sound, making it suitable for security purposes.

If intruders, burglars, or other unwanted guests enter your customer's property, the system can send an alarm and switch the siren on. The siren supports multiple alarm patterns standardized for example for intrusions, fires, panic alarms and others.



## Key features

- Siren with alarm sound
- Voice prompt with up to 50 sound clips (optional)
- Range extender for Zigbee networks with battery backup
- Tamper protection
- Zigbee 3.0 certified
- EN50131 Alarm certified (SIRZB-112)

## Voice prompt communication with the user

The Smart Siren includes a customizable voice prompt based on your inputs. For instance, you can program the voice prompt to say “alarm activated in living room” or “fire detected in kitchen”.

Please note: Customization options are only available for high-volume roll-out (MOQ 10 000).

## Power Plug options



Type C  
(European)



Type G  
(British)



Type A  
(North America)

Name	Model number	Siren	Range extension	Voice prompt	Tamper alarm	EN50131 certified
Smart Siren	SIRZB-110	x	x	x	x	
Smart Siren	SIRZB-111	x	x			
Alarm Siren	SIRZB-112	x	x	x	x	x

# Smart Siren

## Technical specifications

Model number: SIRZB-110, SIRZB-111, SIRZB-112



### General

Dimensions (WxHxD)	119 x 49 x 23 mm/4,7 x 1,9 x 0,9 inches
Weight	EU plug: 133 g/4.69 oz (with packaging: 192 g/6.77 oz) UK plug: 193 g/6.81 oz (with packaging: 263 g/9.28 oz) US plug: 130 g/4.56 oz (with packaging: 186 g/6.56 oz)
Color	White
Power supply	100 - 240V
Power consumption	Typ. < 2.1W
Standby battery lifetime	Up to 14 hours (only battery versions)
Radio	Sensitivity: > -100dBm Output power: max +10 dBm EU, max +19 dBm US
Environment	IP class: IP20 Operation temperature: 0 – 45oC / 32 - 113oF Relative humidity 5% - 85%, non condensing

### Functionality

Range extension	Zigbee 3.0 Router
Siren	Output @ 3m: typically 3,2 kHz, > 85 dB(A), < 110 dB(A)
Voice prompt (SIRZB-110 & SIRZB-112)	Max. 256 sound clips with a max. total length of 130 s

### Communication

Wireless protocol	Zigbee 3.0 Zigbee router
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### Certifications

Conforming to CE, FCC/IC, RED and RoHS directives  
Zigbee 3.0 certified  
EN50131 Alarm certified (optional)

