



Smart Siren

Expand your security system with 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 standardised for example for intrusions, fires, panic alarms and others.

Key features are:

- Siren with alarm sound (~3 kHz alarm sound (90 dB @ 1 m))
- Voice prompt with up to 256 sound clips
- Range extender for Zigbee networks with battery backup

Power Plug options



Type G
(British)



Type C
(European)

Voice prompt communication with the user

The Smart Siren includes a voice prompt. You can either decide what you wish the voice prompt to say or you can let your customers decide. The Smart Siren has capacity for up to 256s of sound split into up to 256 sound clips. You can record standard messages for the speaker to play in certain scenarios, such as "alarm", "fire" and "motion" in combination with areas like "kitchen", "living room" and "bedroom". For instance, you can program the voice prompt to say "alarm activated in living room" or "fire detected in kitchen".



- **Tamper-protected**
- **Easy installation**
- **Zigbee 3.0 certified**

Range extender with battery backup

The Smart Siren also features a range extender functionality that can strengthen Zigbee communication between devices and the gateway, for instance, if devices are placed far from the gateway and the signal is weak. The Smart Siren has a battery backup, so it will still be able to communicate in case of a power cut. The device includes a tamper switch that detects opening of the unit, making it suitable for alarm systems.



Smart Siren - Technical specifications

Model number: SIRZB-110

General

Dimensions (WxHxD) 119x 49 x 23 mm

Color White

Power supply 230V

Power consumption 2.1W

Standby battery lifetime 12 hours

Radio Sensitivity: - 100dBm
Output Power: + 12 dBm

Environment IP Class: IP20
Operation Temperature: 0 – 45°C

Functions

Range extension Zigbee 3.0 MESH

Siren 3,2 kHz, 90 dBm @ 1m

Voice prompt Max. 256 sound clips with a max. total length of 256 s

Voice quality Smart Phone Speaker

Communication

Wireless protocol Zigbee 3.0
Zigbee router

Certifications

Conforming to CE, RED and RoHS directives
Zigbee 3.0 certified