TECHNICAL DATASHEET

Siren

MODEL NUMBER:
72116

General

Siren is an audible and visual alarm indication device to announce an alarm condition within the monitored area, the type of the events the siren is triggered from can be defined from within the cloud or the siren can be triggered manually by an operator

Operating temperature range
-40°C to +60°C
-40°F to +140°F

IP rating
67 (waterproof)

Weight (including battery)
580g / 1,28 lb

Dimensions
85x120x140mm
3.34x4.72x5.5 in

Colour
NATO Green (RAL6014)

Short range radio

Short-range 2.4GHz radio is used for two-way communication between the Siren and other devices.

Standard	**IEEE 802.15.4**
Bandwidth	**2 MHz**
Data rate	**250 kbps**
Modulation	**QPSK**
Antenna	**omnidirectional**
EIRP	**12 dBm**
Security	**ECC (secp160r1)**
Authentication & encryption	**AES 128**
Max LOS distance	**500m / 1640.42 ft**
Mesh network (multi-hop data transmission)	**mesh**

Indication devices

Indication devices are used to announce the alarm condition.

Siren output	**Max 108 dBA measured at distance of 1 m on axis**
Siren tone options	**Fixed**
Tone frequency	**Siren control logic**
Beacon lens colour	**Red**
Beacon control logic	**Fixed, directional**

Battery

Siren is powered by 1 rechargeable Lithium-ion (Li-Ion) batteries.

Voltage	**3.7V**
Capacity	**10.2 Ah**
Lifetime	**>400 days standby/ 200h constant alarm (using 1 battery)**
Time to recharge	**7-12 hours (depending on charge type)**
Auxiliary solar panel	**optional**