

TECHNICAL DATASHEET

SIREN

MODEL NUMBER: **SA10YP—00—AS00**

Siren is an audible and visual alarm indication device to announce an alarm condition within the monitored area.

SHORT-RANGE RADIO

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

Standard	IEEE 802.11.4
Bandwidth	2 MHz
Data rate	250 kbps
Modulation	QPSK
Antenna	omnidirectional
EIRP	12 dBm
Security	ECC (secp160r1)
Authentication & encryption	AES 128
Max LOS distance	500 m
Mesh network (multi hop data transmission)	mesh

INDICATION DEVICES

Indication devices are used to announce the alarm condition.

Siren output	Max 102 dBA measured at distance of 1 m on axis
Siren tone options	Sweep or steady
Tone frequency	Siren control logic
Beacon lens colour	Amber
Beacon control logic	Flashing (1 sec on/1 sec off)



BATTERY

Siren is powered by 1-4 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