

IUI-SIR-ID Indoor Siren

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Invented for life



- ▶ Tamper proof 1,5mm thick steel housing
- ▶ Regulation of charging voltage to 13,8 VDC
- ▶ Noise level of 117 dBA

Functions

The IUI-SIR-OD is a self powered siren for indoor security applications producing a rated power of 117 dBA.

This siren is tampered when opening the cover and when removing the base from the wall.

The siren has the possibility of a built -in power back up, using a 12 V DC rechargeable battery, as to maintain a constant service in case of a failure of the main power supply.

In alarm only the internal battery is required. This effectively protects the charger of the panel when several sirens are powered by it.

Certifications and approvals

Certifications AFNOR (NF C 48-265, NF324-H58), INCERT (B-712-0001)

Region	Certification
Europe	CE
France	AFNOR

Installation/configuration notes

Alarm not triggered on power-up so long as the blocking signal has not appeared.

Parts included

Type	Qty.	Component
IUI-SIR-ID	1	siren

Technical specifications

Supply voltage on +12V Charge	12 – 14,5 VDC
Output voltage on +BAT	13,8 VDC (+/- 0,2 VDC)
Residual ripple allowed	250 mV
Charging current	Limited to 100mA
Consumption without alarm on battery	5 mA
Consumption with alarm on battery	1,6 A
Autonomy on internal battery	no alarm triggered: 36 hours alarm triggered: 30 minutes

Length of alarm	31 minutes
Autonomy on internal battery	72 hours
Siren blocking voltage	9 – 16 VDC (0,1mA)
Trigger voltage	Less than 4 VDC
Reset voltage	More than 9 VDC
Back up power supply	12 VDC / 2 Ah
Output Power	117 dBA at 1m
Applications	Siren for indoor applications
Temperature range	-10°C - +55°C
Degree of protection	IP31 IK08
Environment	Class II, general indoor
Dimensions	192 x 182 x 62 mm
Weight	without internal battery 2kg with internal battery 2,8kg
Type of backup batteries	12 V 2,1Ah Yuasa NP2.1-12FR 12V 2,1Ah Yucell Y2.1-12FR 12V 2,1Ah Powersonic PS 1220 VO 12V 2,2Ah Eleckson BEL120022 12V 2,3Ah ACD ST20 12V 2,1Ah Sunlight SP 12-2.1V0

Ordering information

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Order number **IUI-SIR-ID**

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