

IUI-SIR-OD Outdoor Siren

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- ▶ Self-powered outdoor siren for security systems
- ▶ Ultra high bright LED flash light
- ▶ Cover- and Wall Tamper Switch
- ▶ Volume at 1m: > 90 dBA
- ▶ On / Off indicator function

Functions

The IUI-SIR-OD is a self powered siren for outdoor security applications producing a rated power of 90 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 (NFC 48-265, NFC 48-266, NF324-H58), INCERT (B-712-0002)

Region	Certification
Europe	CE
France	AFNOR

Installation/configuration notes

- The siren is designed using outdoors but it can also be used indoors. The sound level can be set to different modes.
- The signaling type can be set to audible and luminous signaling or to only luminous signaling.

Parts included

Type	Qty.	Component
IUI-SIR-OD	1	siren

Technical specifications

Input power	9 to 15 V DC
Voltage on +12V CHR	12,0 to 14,5 V DC
Output voltage on +BAT	13,8 V DC (+/-0,2 V DC)
Residual ripple allowed	250mV
Consumption in standby	5mA

Autonomy on internal battery	72 hours
Length of alarm	OUT: 180 sec / IND: 31 min
Consumption in alarm & sound power	OUT MAX: 1,6A 109 dB to 1m OUT MIN: 0,8A 100 dB to 1m IND MAX: 1,6A 113 dB to 1m IND MIN: 0,8A 110 dB to 1m
Consumption in only alarm light	20mA
Order voltage SIR and I/O	9 to 16V DC
Triggering voltage SIR and I/O	below 3 V DC
Reset voltage SIR and I/O	more than 9 V DC
Back up power supply	12 V DC / 2 Ah
Output Power	Minimum 90 dBA at 1 m
Applications	Siren for outdoor applications
Temperature range	-25 °C to + 70 °C
Enclosure	Cast Aluminium housing, Polycarbonate-reinforced strobe
Degree of protection	IP43 IK 08
Environment	Class IV – General outdoor
Dimensions	244 x 184 x 82 mm
Weight	1700 g
Type of backup batteries	12V 2,1Ah Yuasa NP2.1-12FR 12V 2,1Ah Yucell Y2.1 -12FR 12V 2,0Ah Powersonic PS 1220 V0 12V 2,2Ah Eleckson BEL 120022 12V 2,3Ah ACD ST20 12V 2,3Ah Sunlight SP 12-2.1V0

Ordering information

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Order number **IUI-SIR-OD**

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