

SOKO



Automatic Detector of acoustic shocks

Detection

SHOCK-WAVES



SOKO detects sudden and very brief sound events, clearly different from the actual sound environment, and notifies them by activating a contact (NO/NC).

It detects:

- Detonations : gunshots, explosions...
- Shocks generating a window breakage
- Shocks on vehicles : ram cars, accidents...

or any other sound shock that would naturally surprise someone.

Like every SENSIVIC product, SOKO integrates a learning system which adapts to ambient sound conditions in order to notify only most relevant detections. The detection area covers 360°.

The sensitivity of SOKO must be adjusted according to the detection area size. Setup is easily done with your smartphone by logging into the detector's built-in website.

Radius



Detection radius : 2 to 15 meters
Installation height : 3 meters approximatively

Description

SOKO Outdoor
(IP 65)



This outdoor smart detector continuously analyses the usual sound environment of the site where it has been installed. It detects unexpected abrupt and percussive sound events and flags them by sending an IP notification.

No sound is recorded, privacy is entirely guaranteed. The detector is standalone : sound pick up and analysis are integrated. Configuration can be done using your smartphone via the integrated wifi network

Sectors



Bank



Public buildings



Urban space



Health



Retail



Venues



Industry



Sport Events

Key points

- ✓ Non intrusive: no sound recorded or forwarded, only metadata are analysed
- ✓ Continuous Machine learning of the evolving sound background.
- ✓ Detects anomalous sound events
- ✓ Connect to IP network
- ✓ IP notifications : ICMP, UDP, TCP, HTTP/cgi.
- Setup using the integrated website.
- ✓ Embedded wifi communication for on-site setting
- ✓

Technical Data



Stand Alone



Plug & Play



Integratable VMS



Integratable Alarm panel



Interoperable



Wifi



Outdoor

POWER

- Tension : 12 to 24 Vcc.
- Consumption : 3 W max.

WEATHER CONDITIONS

- Temperature : -40°C to +85°C.
- Humidity: up to 95% without condensation.

PACKAGING

- IP65 ABS structure with goose-neck bracket
- 180 mm diameter, 60 mm thickness (approximative).

FIXING

- Wall, fence, mast..

CONNECTION AND CONFIGURATION

- Connection to cables coming out of the goose-neck
- 2 ways connection to power
- RJ45 female connector for connection to the IP network.

SOUND PICK-UP

- Integrated

ETHERNET

- Protocoles : IP, ICMP, UDP, TCP, HTTP/cgi
- Network settings using an on-board website.

WIFI

- Wi-Fi network for on-site setting via embedded website.

These data are provided for information only. They are not contractual. USS Sensivic reserves the right to make any improvements it deems useful to its products.



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