



WATCHDOG 202

Direction finding RF drone detector for networked installations.

WATCHDOG 202 (WD202) is a networked RF sensor capable of providing information on model, protocol and vendor. In addition, the sensor can also determine a bearing of the detected signal.

The bearing information can be used, when combining multiple sensors, to triangulate the geolocation of the drone or pilot.

WD202 is specifically suited for stationary installations such as perimeter protection at prisons, military camps or can even be mounted on vehicles. WD202 is powered by PoE and can be fitted with generic brackets, which makes it very easy to install and integrate with existing C2 systems.

Technical features	WATCHDOG 202
Coverage angle	90°
Accuracy of direction finding	5° RMS
Size (H x W x D)	175 x 100 x 42 mm
Weight	742 gram
Power Supply	PoE
IP Rating	IP67
Frequency range	2.4 GHz, 5.2 GHz, and 5.8 GHz*
GPS antenna	Time & location sync.
Temperature range	Operation: -30°C to 60°C (-22°F to 140°F)

* For extended frequency coverage, request information on external antenna.

Capability

The WATCHDOG 202 drone detection system is lightweight and portable. Its rugged and lightweight design makes installations on vehicles, buildings or tripods easy and straight forward.

The WATCHDOG is simple to configure and setup. WATCHDOG was designed with operational focus. It is literally a plug and play design and you will be operational within minutes.

The 90° coverage and intelligent signal analysis helps to detect the threat direction, type and model of drone.

All of the information can e.g. be displayed on our user-friendly interface IRIS or delivered through our ARGOS API to your C2 system.

IRIS is our consolidating graphical user interface which displays the necessary information to the user.

Features developed with the user

WATCHDOG is designed with simplicity in mind. Its Size, Weight and Power provide a competitive edge.

The system is upgraded through IRIS. New features, GUI updates and processing updates are performed on a regular basis and are driven by customer feedback.

WATCHDOG is easy to interface with existing security infrastructure, either through our plug-and-play user interface or on a protocol level – and requires only 1 cable for connection to a PoE switch.

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