

WINGMAN

DRONE DETECTION ON THE GO



MDC-000188-3



WINGMAN

A **wearable drone detector** allowing the operator to maintain mission focus and not worrying about the surrounding airspace. Designed to be **independent**

The Wingman 105 (WM105) is a drone detector with internal battery that autonomously and continuously scans and searches for drone control and video signals and acts as an early-warning detector of commercial drones – often before the drone takes off.

The WM105 can be carried under a jacket or on the outside of clothes or backpack, using e.g. MOLLE straps which make it a simple addition to existing uniform.

With the WM105, MyDefence strengthen the capabilities of the quick response task forces in connection with short operations.

Engineered with reduced SWaP (size, weight, and power consumption) in mind, the WM105 is an ideal wearable drone protection device, with its ruggedized design.



PARAMETER	SPECIFICATION
Weight with Molle	840 g
Dimensions (DxWxH)	154 x 96 x 60 mm
Detection range	Up to 6 km**
Detection time	< 10 s
Frequency bands	2.4 GHz, 5.2 GHz, 5.8 GHz*
Coverage angle (Horizontal)	60°
Coverage angle (Vertical)	60°
Accuracy of direction finding	No DF
IP rating	IP67
Power supply	Internal battery
Power consumption	7 Hours
Operating temperature	-30° to +45°C
Color	Black/Desert

*Add an external active antenna for additional frequencies: 433MHz, 868MHz, 915MHz, 1.2 GHz

**Depending on RF Environment

WM105 has up to 7 hours operational battery life using its internal battery making it both compact and versatile.

The device is waterproof with its cover-caps mounted, that protect the unused connectors.

The internal antennas cover the 2.4GHz, 5.2GHz, and 5.8GHz ISM bands and are directional. An external antenna can be added to provide 360° coverage and increase the frequency coverage with additional frequency bands (433MHz, 866MHz, 915 MHz, and 1.2GHz).

Other accessories are:

- Mono headset
- Vibrator dongle
- Pelicase
- Squadsize pelicase
- Firmware update tool

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