



ACTIVE ANTENNA AA100

Quad-band external omni-directional antenna for vehicles that is plug-and-play with the WINGMAN and WATCHDOG series

The Active Antenna (AA100) is an active **omni-directional** antenna for the MyDefence WINGMAN and WATCHDOG series designed as wearable or for fixed mounting. The Active Antenna 100 is reliable, durable, low-weight and is dust- and waterproof with an IP67 rating.

The automatic quad-band antenna selection provides ease of use and optimal detection capability, allowing the RF sensor to expand its drone detection to cover the frequency bands used for drone controls, video and telemetry.

The Active Antenna has built-in filters and low noise amplifiers and is specifically designed for drone detection for utilizing WINGMAN or WATCHDOG as a sensor for end-users who require more frequency bands and an omni-directional extension to their drone detection capability.



Technical features	AA100
Weight	200 gram
IP Rating	IP67
Dimension (D x W x H)	28 x 40 x 220 mm
Cable length	90 cm (3 ft.)
Frequency ranges*	<ul style="list-style-type: none"> • 410-470 MHz • 850-1300 MHz • 2400-2500 MHz • 5150-5990 MHz
Temperature	<ul style="list-style-type: none"> • Operation: -30°C to 60°C (-22°F to 140°F)
Included accessories	Cradle w/ Molle clip-on

* Actual frequency ranges depend on the RF sensor configuration and operational mode



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