

Vehicle Light Weight Kit

The Ridgeback is an ultra compact vehicle system, which can easily be mounted on any vehicle installation.



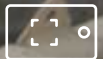
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EXTREME
TEMPERATURES



WATERPROOF
IP67



ATAK
COMPATIBLE



CONTINUOUSLY
UPDATED



ALARMS
PROVIDED

Distinctive advantages

- **BATTLE-PROVEN**
Drone detection actively deployed by soldiers on frontlines.
- **EASY TO USE**
Enables soldiers in intense combat to focus on primary tasks.
- **LOW SIZE, WEIGHT AND POWER**
With high performance, minimises vehicle footprint and power consumption.
- **ATAK-COMPATIBLE 'Open Architecture'**
Enhances operational effectiveness, efficiency, and provides team situational awareness.



Wingman
103 or 105



Sharkfin
Antenna

Ridgeback

Our Light Vehicle System, Ridgeback, offers a cost-effective and adaptable counter-UAS solution for vehicles with light or no armour. It is designed for flexible integration on a variety of platforms, including LAVs, VIP vehicles, police cars, and civilian vehicles. By combining MyDefence’s wearable RF detector Wingman with ATAK and AA101 Sharkfin antenna featuring magnetic mounts, the Ridgeback delivers reliable drone detection and enhanced situational awareness in dynamic environments.

The Ridgeback system further enhances operational effectiveness by providing versatile protection for both vehicles and dismounted troops. Its rapid deployment capabilities, passive detection for discretion, and seamless integration with ATAK for geolocation and team coordination make it an ideal solution for perimeter security, guard duties, and operations in clandestine environments.

Designed to meet the demands of modern missions, Ridgeback ensures comprehensive counter-UAS protection with minimal operator footprint.



QUICKLY DEPLOYABLE

Deploy in a matter of minutes, for instant drone awareness



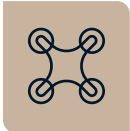
PASSIVE DETECTION

Enables operators to remain undetected



DETECT DRONES & CONTROLLERS

For comprehensive awareness of the threat



EXTENSIVE DRONE LIBRARY

Enables accurate classification and low false positives



SOFTWARE FIELD UPGRADES

Enables product evolution without costly hardware upgrades

Specifications

Ridgeback	
Detection Time	< 10s *
Detection Range	Up to 3km / 1.86 mile *
Detection Frequency Bands	433MHz, 868MHz, 915MHz, 1.2GHz, 2.4, 5.2 & 5.8 GHz
Detection Coverage Angle (Horizontal)	Omnidirectional 360°
Detection Coverage Angle (Vertical)	90°
Operating Temperature	-30°C to 65°C / -22°F to 149°F
UAS Geolocation	Remote-ID Location (With ATAK)
IP Rating	IP67
Colour	Black
Vehicle mounting option	Magnetic mount

* Depending on the RF environment & line of sight