



DroneGuard 100

Reliable UAV Protection



Detecting Threats -
Saving Lives

The DroneGuard 100 UAV Detector System is a battle-proven solution for detecting and identifying unauthorized drones in realtime, providing unparalleled situational awareness for military, law enforcement, and security forces. With a superb detection range of up to 2 kilometers, the DroneGuard is engineered to deliver precise and reliable performance in complex and contested environments. Its compact, rugged design ensures operational durability, making it ideal for field deployments in diverse terrains and challenging conditions. Whether used in perimeter defense, tactical missions, or critical infrastructure protection, DroneGuard offers a decisive advantage in countering evolving aerial threats.

Equipped with a cutting-edge 5-channel frequency scanning capability, the DroneGuard 100 excels at detecting enemy military drones utilizing single-frequency hopping and advanced electronic warfare (EW) countermeasures. Its multi-band detection architecture ensures rapid identification across key RF spectrums, even in signal-dense environments. The system's real-time analysis and adaptive threat recognition empower operators to maintain a strategic edge against adversaries deploying stealth or encrypted UAV technologies. Trusted and field-tested in high-stakes operations, the DroneGuard is an essential tool for modern drone defense, combining versatility, precision, and superior performance.

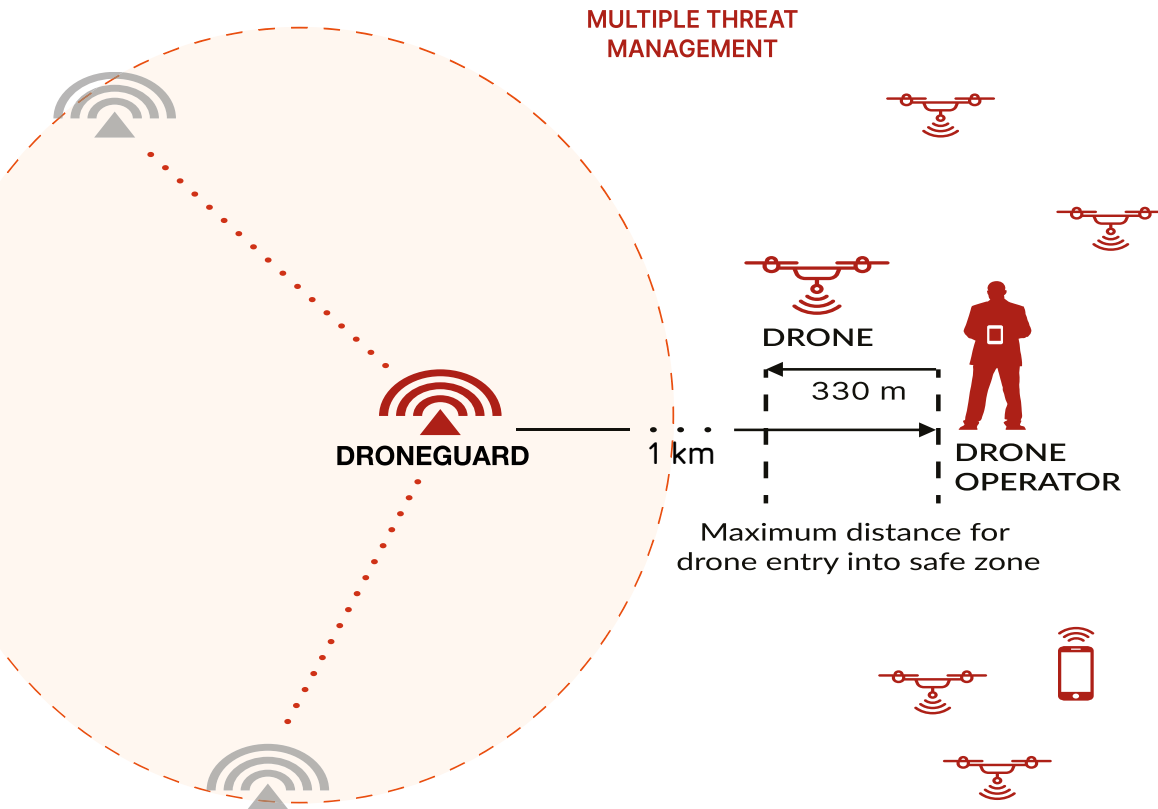


Features and Benefits

- Detection at 1km
- Ruggedized for reliable use in harsh environments
- Detection at 500m AGL
- All-weather RF Detection
- 5 Channel: 0.9, 1.2, 2.4, 4.9, 5.8 Ghz
- Warning via audio, haptic, display alarms
- 8 hr. Battery life
- Customizable UI
- Highest Performing Detector in Real-world Battlefield

DroneGuard 100

Reliable UAV Protection



SPECIFICATIONS

PHYSICAL

- » Dimensions (h, w, d)
14.5 cm x 8 cm x 3 cm
- » Volume (with battery) 348 cm³
- » Weight (with battery) 350 g
- » Color/Finish tan/green

ENVIRONMENTAL

- » Temperature Operating:
-22°F to 131°F (-30°C to +55°C)
- » Storage: -40°F to 185°F (-40°C to +85°C)
- » Immersion 20 meters

INTERFACES

- » Data USB 2.0
- » Audio
- » Antenna Ports 4
- » Programming USB 2.0
- » Key Fob DS-101
- » Function Knob FP and 15 Presents
- » Off/Load/Z/Volume/Mechanical Interlock

ALERTS

- » Light, Haptic, Sound

RECEIVER

- » Sensitivity 860-5945 Mhz

POWER

- » Power Input 9.6 to 34.3 VDC
- » Battery Type Rechargeable lithium-ion battery (included)

SECURITY

- » Encryption SAE 256

GENERAL Frequency Ranges

- » 0.9 Ghz (860-928 Mhz) Zala, Lancet, Orlan
- » 1.2 Ghz (1080-1360 Mhz) FPV, Zala
- » 2.4 Ghz (2400-2520 Mhz) Mavic, Autel
- » 4.9 Ghz (4990-5200 Mhz) FPV, Autel, Zala
- » 5.8 Ghz (5645-5945 Mhz) FPV, Mavic, Autel

AdlerAerospace
sales@adleraerospace.com
Jackson, WY USA 83001-4555
tel.+1 (812) 340-3517

ADLER AEROSPACE

