DroneGuard

Reliable UAV Protection

Battlefield Proven

5-Channel Fully Automatic Detecting
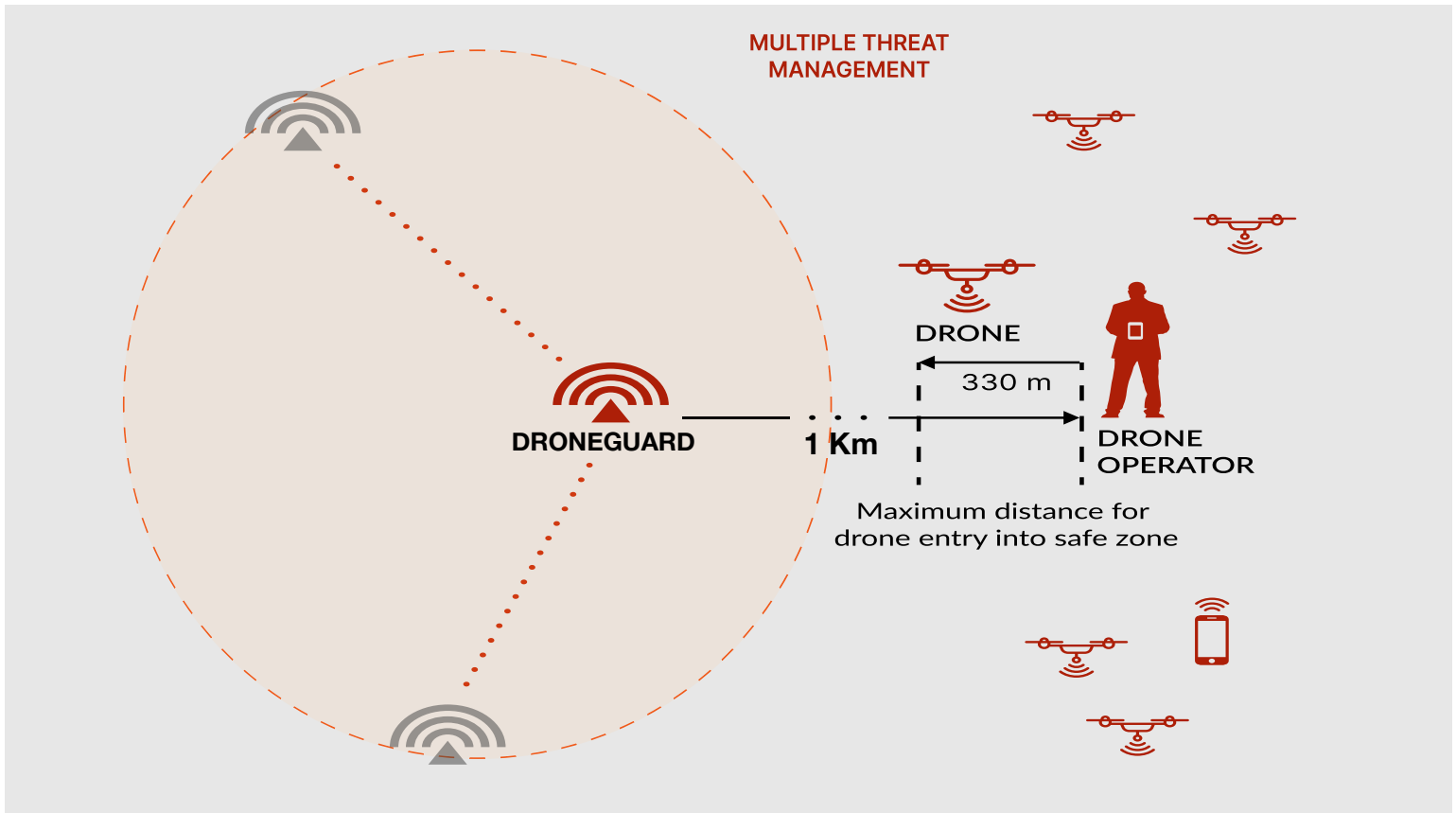
Features and Benefits

- Detection at 1km

- Detection at 500m AGL

- Ruggedized for reliable use in harsh environments

- All-weather RF Detection

- 5- Channel: .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

The DroneGuard UAV Detector System is a battle-proven solution for detecting and identifying unauthorized drones in real-time, 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 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.

DroneGuard

Detecting Threats- Saving Lives

MULTIPLE THREAT MANAGEMENT

DRONEGUARD

1 Km

DRONE

330 m

DRONE OPERATOR

Maximum distance for drone entry into safe zone

PHYSICAL

Dimensions	6 H x 3 W x 2 D in (15.24 x 7.62 x 5.08 cm)
Volume (with battery)	40 in³ (655.48 cm³)
Weight (with battery)	1.1 lbs (500g)
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

GENERAL

Frequency Ranges	**Ghz Mhz UAV Type** 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

INTERFACES

Data	USB 2.0, IP over USB, Ethernet
Audio	19-pin ADF, 2-channel audio + KDU, USB 2.0, fill
Antenna Ports	5
Programming	USB 2.0
Key Fill	DS-101
Function Knob	FP and 15 Presents Off/Load/Z/Volume/Mechanical Interlock
External Mission Module	Power, data, control/status

POWER

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

ALERTS

3 Modes	Configurable settings: sensitivity thresholds, enabling/disabling sound, light, and vibration alarms

TRANSMITTER

Connectivity	MIMO

RECEIVER

Sensitivity	860-5945 Mhz