TITAN C-UAS

Counter-Unmanned Aerial System

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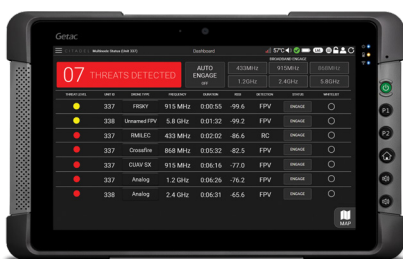
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TITAN C-UAS

Titan is an autonomous, AI/ML-enabled counter-UAS solution that forces Group 1 & 2 drones to safely land without disrupting nearby communications or electronics. In less than 5 minutes, Titan equips the non-specialist operator with hemispherical situational awareness and force protection to detect and neutralize UAS threats. Engineered for fixed, mobile, and dismounted operation.

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Features

- Inter-operable with other sensors and C2s

- Full-spectrum threat detection of controller, video, telemetry, and Wi-Fi communication links from 400 MHz to 6 GHz

- No calibration, signal expertise or operational training required

- Non-library-based

- 2 years warranty, training, software upgrades, export

- Extended Frequency antenna kit upgrade available for 433/868/915 MHz/1.2 GHz

Feature	Capability
Standard Frequencies Supported	2.4/5.8 GHz/Wi-Fi
Extended Frequencies Supported	433/868/915 MHz/1.2 GHz/Wi-Fi
Detection Range	Up to 3 km horizontal
Defeat Range	Up to 1.5 km horizontal
Antennas	Omni Bifilar & Quadrafilar (RX), Dual Band (TX) Wi-Fi (Dual RX/TX), GPS (RX)
RF Power Output	Up to 30 Watts
Deployment Time	<5 min (Pelican case to operational capability)
Battery Operation Time	Detect: 5 hrs; Defeat: 2.5 hrs
Operating Temperatures	-20°C to 50°C
Ingress Protection	IP66 and IEC 60529
Salt/Fog, Vibration, Shock	MIL-STD-810 method 509.6, 810G method 514.7C-I MIL-STD-R461G CE102
System Weight & Dimensions	~20 lbs; 12.3"(L) x 5.1"(W) x 17.9"(H)
Connectivity	RJ45 Ethernet to tablet or external network
Power Input	85-305VAC / 18-36VDC
Security	DIACAP Accredited, eMASS 12186 (NIPR)
Software Upgrades/Updates	Remote upgrades to incorporate new drone protocols/ classification algorithms
Safety	MIL-STD-882E compliant (ATEC Safety Certification)
Tablet User Interface	Enables operator control, operator/drone activity log reporting, and system configuration
Application Programming Interface	Extensive API for external system integration