TITAN C-UAS™

Counter-Unmanned Aerial System

TITAN
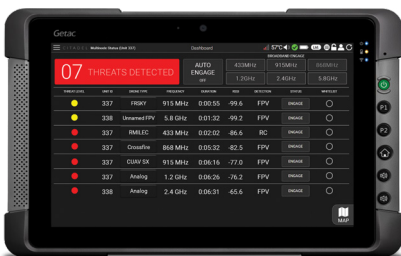
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TITAN C-UAS™

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 10 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.

Features

- Dual Titan SF/EF system for full frequency coverage
- Full frequency 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
- API interoperable with other sensors and C2s
- 2 years warranty, training, software upgrades

Feature	Capability
Standard Frequencies (SF)	2.4/5.8 GHz/Wi-Fi
Extended Frequencies (EF)	433/868/915 MHz/1.2 GHz/Wi-Fi
Detection Range	Up to 3 km horizontal
Defeat Range	Up to 1.5 km horizontal
RF Power Output	433/868/915 MHz: 65W 1.2 GHz: 60W 2.4/5.8 GHz: 36W
Deployment Time	<10 min (Case to operational dual unit capability)
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