



TITAN C-UAS™

Counter-Unmanned Aerial System





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The Titan is an autonomous, self-contained C-UAS identification and defense platform.

With advanced C2 capabilities, automated point-and-click functionality, and AI/ML-driven signals analysis, Titan provides precise control of escalating countermeasures while minimizing disruption to blue force communications.



RAPIDLY DEPLOYABLE, MULTI-MISSION SOLUTION

Titan can be rapidly deployed in challenging environments from rural to urban, and is adaptable to mobile, dismounted, and fixed missions.

FULL-TIME PROTECTION, LOW LIFETIME COST

Titan classifies and mitigates multiple threats across five RF bands under virtually any environmental conditions, requiring minimal maintenance and zero calibration for a low total cost of ownership.

INTEGRATION & CROSS-DOMAIN CAPABILITY

Titan readily integrates with other C2 platforms, supporting secure bi-directional data leveraging our API/ICD.

SPECIFICATIONS

SF UNIT COVERAGE	2.4 GHz / 5.8 GHz / Wi-Fi
EF UNIT COVERAGE	433 / 868 / 915 MHz, 1.2 GHz & GNSS
DETECTION RANGE	> 3 km horizontal radius
DEFEAT RANGE	> 2 km horizontal radius
RF POWER OUTPUT	433/868/915 MHz & 1.2 GHz: 100W, 2.4 GHz: 90W, 5.8 GHz: 45W
GNSS Denial Coverage	E1/L1, E5/L5, L2, and L6 Bands, variable transmit range
DEPLOYMENT TIME	<10 min (Case to operational capability)
TEMPERATURE RANGE	-20°C to 50°C
INGRESS PROTECTION	IP66 and IEC 60529
SALT/FOG, VIBE, SHOCK, EMI	MIL-STD-810 method 509.6, 810G method 514.7C-I, MIL-STD-461G CE102
PHYSICAL	~20 lbs; 12.3"(L) x 5.1"(W) x 17.9"(H) per unit, 2 per Titan Kit
CONNECTIVITY	RJ45 Ethernet to tablet or external network
POWER	85-305VAC / 18-36VDC
SECURITY	eMASS Listed, DIACAP Accreditation
SAFETY	MIL-STD-882E compliant (ATEC Safety Certification)
USER INTERFACE	Provides operator control, reporting, and activity log review
C2 INTEGRATION	Comprehensive API for external system integration
WARRANTY	3 Years; includes training and software updates

