Titan™ COUNTER-UNMANNED AERIAL SYSTEM

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.

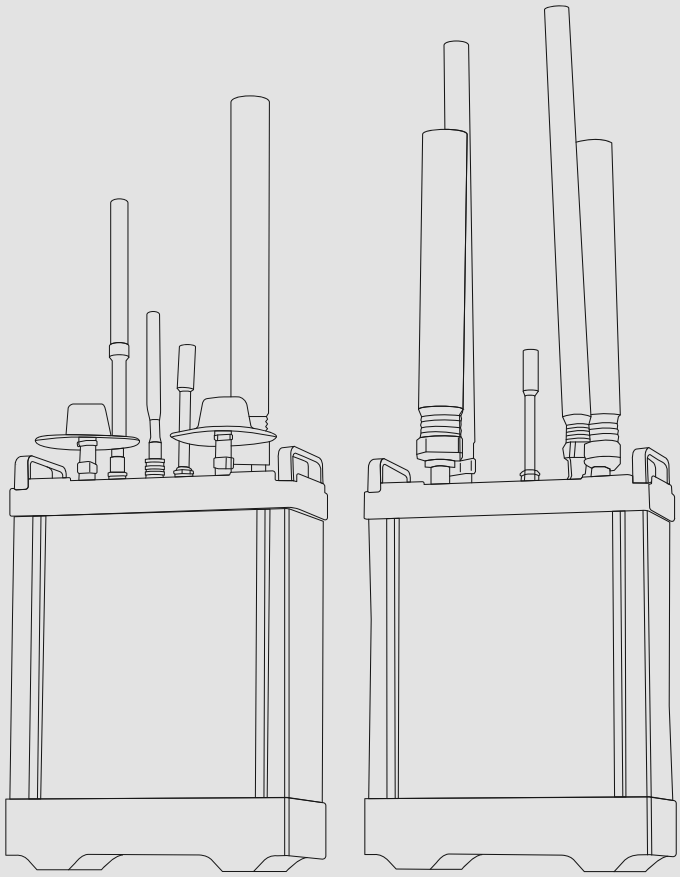
Counter-Unmanned Aerial System

TITAN

_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: 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	2 Years; includes training and software updates

This system has not been fully tested by the U.S. Government for compatibility and interoperability with other systems that use the electromagnetic spectrum and may pose a hazard for interference with other systems using the electromagnetic spectrum.



_Key Features

- 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 bidirectional data leveraging our API/ICD.