

TitanTM 4

RF COUNTER-UNMANNED
AERIAL SYSTEM



The Titan CUASTM is an autonomous RF counter-unmanned aerial system detect and defeat platform. With automated point-and-click functionality, intelligent AI/ML-driven analysis, and advanced C2 interoperability, Titan provides precise countermeasure control while minimizing disruption to blue force communications.

RF Counter-Unmanned Aerial System

TITAN

_Specifications

COVERAGE	433 / 868 / 915 MHz 1.2 / 2.4 / 5.2 / 5.8 GHz, 2 Configurable 400 MHz-6 GHz RX Channels
DETECTION RANGE	>4 km horizontal radius & drone ID / telemetry demodulation (when available)
DEFEAT RANGE	>3 km horizontal radius
RF POWER OUTPUT	> 550 Watts
GNSS DENIAL COVERAGE	Selectable E1/L1, E5/L5, L2, & L6 Bands, variable RF output
DEPLOYMENT TIME	<5 min (packing case to operational capability)
TEMPERATURE RANGE	-20°C to 50°C
INGRESS PROTECTION	IP66 / IEC 60529
SALT/FOG, VIBE, SHOCK, EMI	MIL-STD-810 method 509.6, 810G method 514.7C-I, MIL-STD-461G CE102
PHYSICAL	33 lbs; 13" x 8.5" x 19"
CONNECTIVITY	RJ45 Ethernet to tablet, external network, or C2 System
POWER	85-305VAC / 36VDC / MIL-STD-1275 Protection Vehicle DC Cable
SECURITY	eMASS Listed/DIACAP Accreditation, Log Erase, System Zeroize
SAFETY	MIL-STD-882E compliant, ATEC Safety RAC-4D / 3 Feet HERP Standoff
USER INTERFACE	Provides operator control, activity log review, and system updates
C2 INTEGRATION	Full API/ICD for external system integration
WARRANTY	3 Years; includes advanced operator training & quarterly software updates



— SINGLE CHASSIS

— HEADLESS CONTROL PANEL

— EXPANSION PORT



SINGLE CHASSIS



> 550W OF DEFEAT POWER



EXPANDABLE



MISSION-CONFIGURABLE



HEADLESS OPERATION

_Key Features

- › **RAPIDLY DEPLOYABLE, MULTI-MISSION SOLUTION** - Titan can be rapidly deployed in challenging environments from rural to urban, and is adaptable to mobile, dismantled, and fixed missions.
- › **FULL-TIME PROTECTION | LOW TCO** - Titan classifies and mitigates multiple threats across multiple bands in the harshest environmental conditions with no calibration, recurring maintenance, or software licensing required for low total cost of ownership.
- › **EXTENSIBLE & ADAPTABLE TO FUTURE THREATS** - Titan includes an expansion port for incorporation of emergent threats & effector packages, and is readily integrated with other C2 platforms.



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

 Titan is designed, tested and manufactured in San Diego, CA