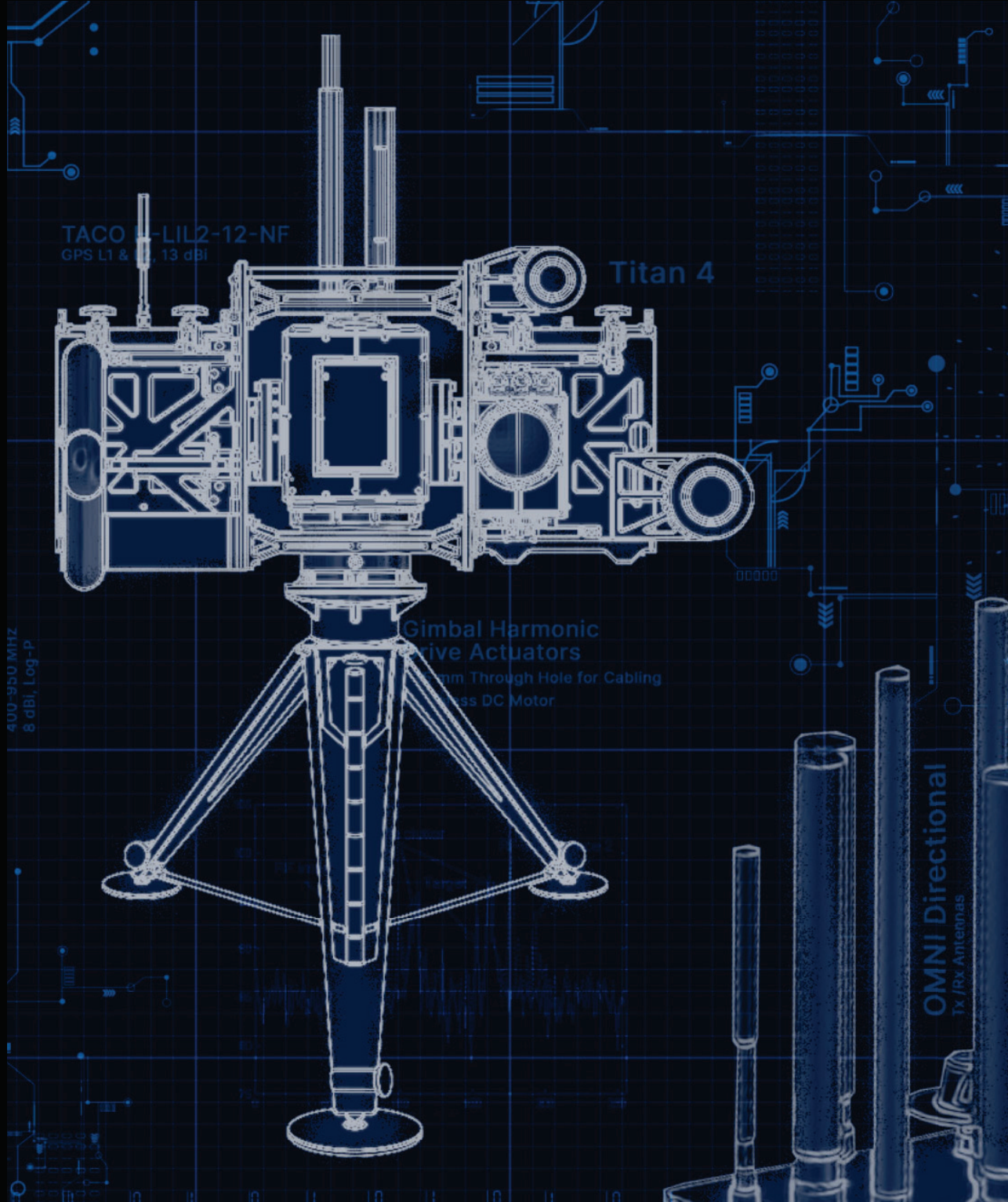


Titan™ EO/IR

PORTABLE MULTI-SENSOR
CUAS PLATFORM



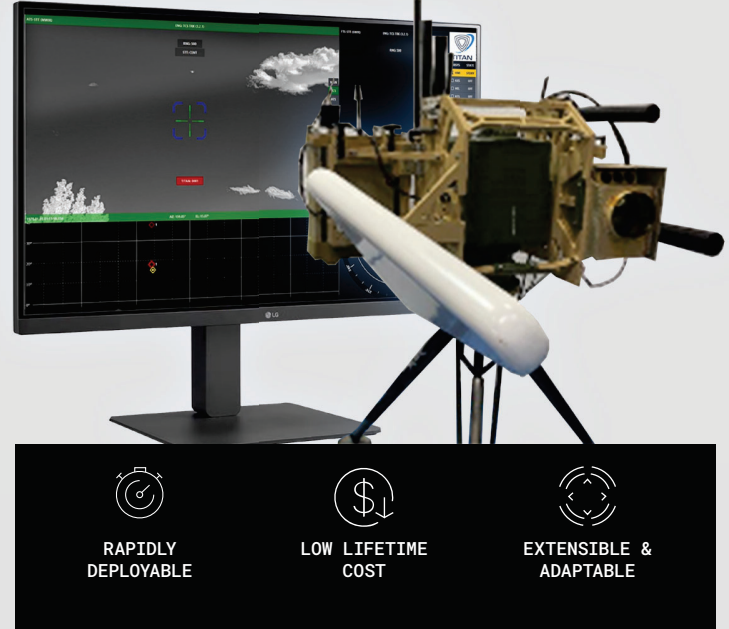
The Titan™ EO/IR is an AI-powered sensor fusion solution that detects, identifies, tracks, and defeats UAS threats. With an advanced sensor array, multi-mission adaptability, AI/ML-driven signals analysis, and point-and-click operation, Titan EO/IR provides true cross-domain sensor fusion in an accessible, low TOC platform.

Portable Multi-Sensor CUAS Platform

TITAN

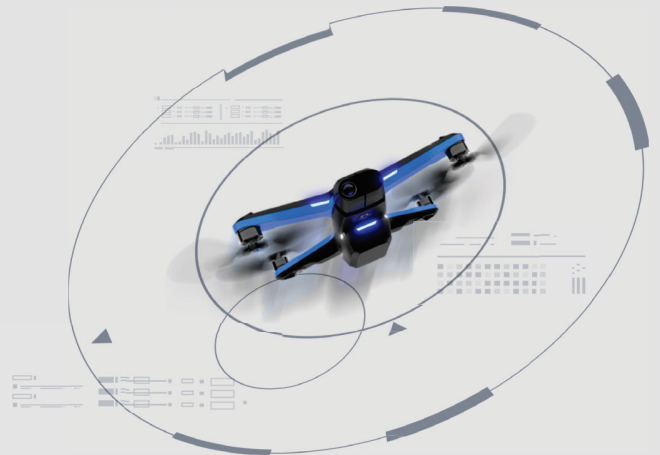
_Specifications

SENSOR COMPLEMENT	MWIR Sensor: 1.7° to 20° FOV, Zoomable RF: Simultaneous Vertical & Horizontal Polarization, 300MHz - 6GHz
IR COVERAGE/ AGILITY	+/- 170°AZ, 70° to -20°EL, 50 °/s, 50°/s2
RF COVERAGE	433 / 868 / 915 MHz 1.2 / 2.4 / 5.2 / 5.8 GHz Wi-Fi / Multi-Satellite GNSS
IR TRACKING RANGE	>3.5 km
RF DETECTION RANGE	>5 km horizontal radius
RF DEFEAT RANGE	>3.5 km horizontal radius
RF POWER OUTPUT	530 Watts
GNSS DENIAL COVERAGE	Selectable E1/L1, E5/L5, L2, & L6 Bands, variable transmit range
TEMPERATURE RANGE	-20°C to 50°C
SYSTEM WEIGHT	Approx. 200 lbs, largest subsystem >70 lbs
ASSEMBLY TIME	<30 minutes, packing cases to operational capability
CONNECTIVITY	RJ45 Ethernet to tablet or external network / C2 System
POWER	28VDC / 1500W
SECURITY	eMASS Listed/DIACAP Accreditation, Log Erase, System Zeroize
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 advanced operator training & software updates



_Key Features

- > **RAPIDLY DEPLOYABLE SOLUTION** - Single-pane-of-glass sensor fusion provides full UAS situational awareness through a single UI.
- > **FULL-TIME PROTECTION | LOW LIFETIME COST** - Titan EO/IR leverages the repeatable performance of the Titan CUAS platform in an accessible, low-maintenance kit.
- > **EXTENSIBLE & ADAPTABLE TO FUTURE NEEDS** - With advanced C2 interoperability, Auto-Engage, and AI/ML signals analysis, Titan EO/IR provides long range detection & precise control of escalating countermeasures.



Kizilirmak Mah. 1446. Cad. No: 12/18
Cukurambar 06530 Cankaya, Ankara / TURKEY
Tel : +90 (312) 284 30 12 (PBX)
Fax : +90 (312) 284 30 14
altoy@altoy.com.tr www.altoy.com.tr

