

ONYX



SENTRY

Intelligent Remote Weapon System

Sentry is a multi-functional intelligent remote weapon system designed to be a force multiplier. Designed by operators and engineers with decades of experience in the field, Sentry is an unmatched solution for the modern battlefield, providing additional set of eyes and weapon on target when you need it most. Sentry leverages Digital Imaging System (DIS) with ATD/ATR to autonomously scan, detect, classify, track, and report any threat with fast and effective tactical action. It may be deployed in an overwatch or terrain denial position to protect friendly forces in the heat of battle.

Sentry integrates the AI-enabled X360 Pan/Tilt Gimbal, RAW (Remote Actuated Weapon), Digital Imaging System (DIS), and is Mobile Adhoc Network (MANET) capable. This intelligent system is fully integrated with ATAK and leverages passive ranging to populate targets into the common operating picture. It allows the operator to assign and forget, or actively control this heavy hitting system.

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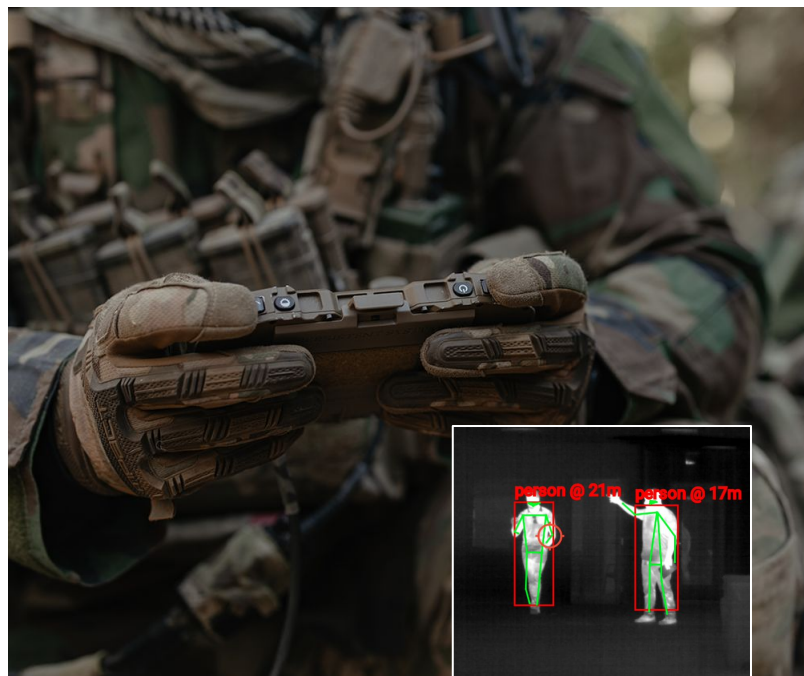
KEY FEATURES

- Autonomous sector scanning with automatic detection, recognition, tracking, and auto aiming with aim point selection
- Human, weapon, vehicle, and UAS detection with filtered alerts
- Control multiple sentry systems on the network with an ATAK integrated user interface
- Passive ranging for populating targets on TAK map and ballistic solver aim augmentation
- Ruggedized for tough use and harsh environmental conditions using resilient, anti-corrosive materials

*Certification pending for safe fire select

PRODUCT SPECIFICATIONS

/ Dimensions	30" x 10" x 5.5" (76.2 x 25.4 x 14 cm)
/ Weight	15 lbs (6.8 kg)
/ Power	DC, BA-2590, & various battery options
/ Control	ATAK/WINTAK plugin & various remote controllers
/ Protection	Pending IP54 rating Shock and Impact resistant
/ Calibers	5.56 x 45 mm / 300 AAC BO 7.62 x 51 mm / 6.5 mm
/ Optics	Day and night sensors EO (NFOV & WFOV) / Thermal (LWIR NFOV) Digital zoom capability *Non-ITAR options available



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Compatible with TAK suite



Tailored to mount on customer-preferred platforms



Secure MANET connection