



We specialize in OEM integration, allowing partners to rebrand our products.



AVIGAIL360

360 DOME SITUATIONAL AWARENESS UAS DETECTOR

AVIGAIL is a standalone 42 sensors drone detection system. AVIGAIL integrates an array of 21 Low Light Day Visual sensors and 21 Uncooled LWIR 640x512 Night detector sensors providing 360 (AZ) x 180 (El) Deg Dome detection. The system is connected via Fiber optic or Ethernet Giga connection into an Array of NPU processors packaged in one single Chassis named AlxNPU4.

The Dome system constantly Monitors, Detects and Tracks 360 (Az) x 180 (El) deg and looking for drones.

The detectors array (42 sensors) is connected to a fully automated computerized Neural processing unit which detects, tracks and position the threats in space.

AVIGAIL communicates and position external tracking systems such as DEEPSIGHT or other counter drone systems in order to follow and eliminate the threats.

See First. Act First.

- 360 (H) x 180 (V) deg Staring Detection System
- Up to 42 Day/Night sensors for Continuous Coverage
- ATR – Automated AI-assisted Detection & Tracking, made for counter drones
- Modular Integration for Manned & Unmanned Platforms
- Optional Fiber optic Ethernet interface for high transfer rates
- Large area coverage
- External Stabilized Power Supply

AVIGAIL360

360 DOME SITUATIONAL AWARENESS DRONE DETECTOR

MODEL	AVIGAIL
SENSORS	AVIGAIL-4K: 21 x Day 4K 3840x2160 pixels IMX678 H.265 And / Or AVIGAIL-640: 21 x LWIR 640x512 pixels 12-micron H.265
SYSTEM COMPONENTS	IP66 Light Weight Case Rj45 1GB / Fiber Optic Ethernet Connector Embedded switch AI Hardware Software included
FOV	360 Dome : 21 cams x (57.1°x 30.4°)
POWER	9-75 VDC, 72W

