

Mithril Active Sensor

The primary layer for non-cooperative, RF-silent threats

Visual & Thermal Confirmation

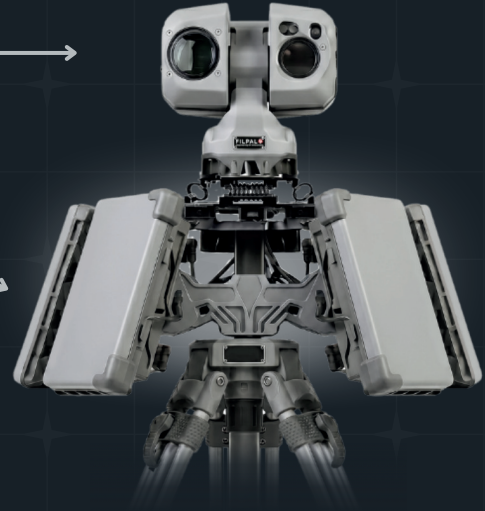
Slew-to-cue capability verifies every radar track with high speed video before engagement decisions are made

24/7 All Weather Operation

Penetrates fog, rain, and darkness. Continuously transmits to detect and track targets even if they emit zero RF Signal (autonomous/dark drones).

Effector Cueing

Generates precise 3D coordinates streamed natively to Aiora Ares to cue the Jammer.



Mithril Passive Sensor

Covert, zero emission multi-phenomenology intelligence

RF Interception & Direction Finding (DF)

Decodes control links, telemetry, and BRID. Resolves precise bearings to enable physical interdiction of the pilot, not just drone.

Acoustic Array Localization

Detects propeller/motor sound waves. Provides an independent, non-RF confirmation path critical for high-noise RF environments.

Zero-Emission Guarantee

The unit listens only. It remains completely invisible to electronic surveillance, making it ideal for covert or highly sensitive sites.



Mithril Jammer

Precision soft-kill with minimized collateral impact

Targeted RF Disruption

Emits directional or sector energy to sever command, control, and GNSS navigation links, forcing failsafe behaviors (Hover, Land, Return-to-Home)

Cue-Only Activation

Jamming is activated after Aiora Ares confirms the threat and authorizes the strike, drastically reducing collateral interference with friendly systems

Regulatory Compliance

Full audit trail logging in the C2 ensures every activation is time-stamped and justified for legal and after-action review.



The Intelligence Layer For Counter-UAS Operations

Unified Detection • Real-Time Fusion • Intelligent Response

