



AIREZ HAWK™

Hybrid Airspace Watch & Knowledge

AIRSPACE PHYSICAL INTELLIGENCE

DON'T JUST WATCH THE PERIMETER. WATCH THE SKY.

Physical Intelligence for the Airspace Above You.

Radar detects it. Thermal finds it. Optics verify it. AIREZ understands it.

HAWK connects radar, bispectral PTZ imaging, edge analytics, configured BEACON signaling, and the AIREZ Physical Intelligence Layer™ to help organizations detect, investigate, track, and understand activity in low-altitude airspace. HAWK can correlate available movement, direction, velocity, visible imagery, thermal evidence, facility zones, and policy context—helping operators decide what deserves attention.

FROM AIRSPACE SIGNALS TO OPERATIONAL CONTEXT.

Radar indicates that something is there. The PTZ investigates. Thermal adds another physical signature. AIREZ can correlate the available evidence with facility context, while the wider ecosystem supports the approved response.



AIREZ ALERT

UNIDENTIFIED AERIAL OBJECT

HAWK 04 — NORTH PERIMETER

10:41:07 PM • 176 m • SOUTHEAST

STATUS: TRACKING

RADAR: CONFIRMED

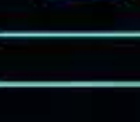
THERMAL: ACQUIRED

VISUAL: ACQUIRED

POTENTIAL UAS — VERIFICATION REQUIRED

RESTRICTED ZONE ETA: 22 SEC

RECOMMENDED ACTION: SECURITY REVIEW



01 DETECT

Radar identifies movement and object metadata.



02 ACQUIRE

The PTZ can cue toward the radar event.



03 VERIFY

Visible and thermal imagery add evidence.



04 UNDERSTAND

AIREZ considers signals, zones and policy.



05 RESPOND

Human teams apply the approved action.



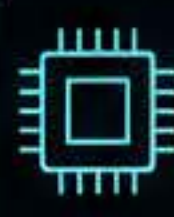
RADAR AWARENESS

Range, direction and velocity.



BISPECTRAL PTZ

Visible plus thermal imaging.



EDGE ANALYTICS

Detection and tracking support.



ZONE + POLICY

Configured boundaries and rules.



BEACON COMMUNICATION

Visible and audible signaling.



HUMAN REVIEW

Verification stays human-led.



DETECT



ACQUIRE



VERIFY



UNDERSTAND



RESPOND

Configured workflows remain site-specific, policy-governed, and human-in-the-loop.



Radar, bispectral imaging, and network signaling technology by Axis Communications.

Physical Intelligence by AIREZ.

airez.com

Product concept. Capabilities depend on device compatibility, engineering integration, configuration, deployment conditions, policy, and applicable operating procedures.