

CADENCE™ XS

Rapid Threat Detection

Industry Leading Handheld Detection Performance

PRODUCT DESCRIPTION

CADENCE™ XS is a highly efficient and portable wearable drone detector designed for quick-response task forces and short operations. It autonomously scans for drone control and video signals, serving as an early-warning detector for commercial drones and includes AI support for drones not in the library of over 500 signatures. Its ruggedized and reduced-SWaP design makes it easily wearable, attached to backpacks, or added to uniforms.

APPLICATIONS

- ▶ **Border Security:** Protect national perimeters with fast, reliable interdiction of unauthorized aerial surveillance and smuggling drones
- ▶ **Base and Infrastructure Protection:** Safeguard critical assets like power plants, bridges, oil /gas platforms, ports, and data centers
- ▶ **Convoy and Mobile Security:** Reliable defense on the move
- ▶ **Law Enforcement and First Responders:** Rapid deployment to handle unpredictable drone incursions and fire events
- ▶ **Event and Crowd Security:** Ideal for high-profile events

PRODUCT FEATURES

- ✓ SWaP: Small, lightweight, and power-efficient
- ✓ Up to 12 km of detection range
- ✓ Integrates with IXi EW's COUNTERPOINT® system to assist with targeting
- ✓ Field updatable drone database
- ✓ Fast and efficient AI detects drones not contained in database
- ✓ Supports multiple wireless protocols and modulations
- ✓ Portable DF head supports high-band UxS bearing detection
- ✓ TAK support displays drone threats on connected systems for COP

BENEFITS

- ▶ **Precise Response:** Cost effective locally targeted response
- ▶ **Flexibility:** Deploy in areas where fixed assets cannot be fielded
- ▶ **Portability:** Handheld to address fast-moving or short-duration threats
- ▶ **Layered Defense:** Complements other drone mitigation assets

- ✓ Displays drone threats in relation to device location and heading
- ✓ Works out of the box without complex setup
- ✓ Cost-effective for wearable drone detection
- ✓ Optionally provides secure, self-healing MANET for multi-node coordination in the field
- ✓ Removable Li-ion mil-spec battery
- ✓ API available for integration with other systems



TECHNICAL SPECIFICATIONS



Configuration

Weight: 730 grams, 1.6 lbs.

Dimensions: 6 x 3.5 x 1.9 inches

Color: Green



Environment and Power

Ingress Protection: IP66

Operating Temps: -30° to +45° C

Battery Capacity: up to 7 hours

Power Source: AN/PRC-148 or AN/PRC-152 (MBITR PRC-148, 7.0 Ah)



Bands

Frequencies: 400 MHz – 1.8 GHz, 2.3 – 2.6 GHz, 5.0 – 6.0 GHz



Detection

Detection Time: 5 seconds for known targets

Detection Range: up to 12 km

Coverage: 360°



OTHER

Related Products: COUNTERPOINT® compact jamming system

Shipping: Included cables and battery, optional rugged carry case (IP67)



Accessories

External Antenna x3: 225 MHz - 1.850 GHz*, 2.4 GHz – 6.0 GHz, 2.4 GHz/5.2 GHz/5.8 GHz
External DF Antenna Array x1: 2.4GHz – 6.0 GHz

*UHF Antenna currently provides UxS notification capability only.

CONTACT

✉ sales@ixiew.com / johncarter@ixiew.com

🌐 www.ixiew.com

☎ 949-838-7515

