**ADVANCED AI/ML**
Defends against new threats with speed and accuracy

**AUTONOMOUS CUAS PROTECTION**
Detect, identify, defeat, report

**TRL 9 SOLUTION**
Proven in military, defense, and commercial missions

- 24/7 automated drone protection
- Protects against 98% of commercial drone threats (400 MHz to 6 GHz)
- Addresses fixed, mobile and dismounted missions as standalone system
- No calibration, signal expertise or operational training required
- Interoperable with other sensors and C2s for layered CUAS defense

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Control Frequencies Supported</th>
<th>Standard Kit: 2.4 GHz / 5.8 GHz / Wi-Fi</th>
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</thead>
<tbody>
<tr>
<td>Detection Range</td>
<td>Up to 3 km horizontal</td>
</tr>
<tr>
<td>Defeat Range</td>
<td>Up to 1.5 km horizontal</td>
</tr>
<tr>
<td>Antennas</td>
<td>Omni Bifilar &amp; Quadraflex (RX), Dual Band (TX), Wi-Fi (Dual TX/RX), GPS (RX)</td>
</tr>
<tr>
<td>RF Power Output</td>
<td>Up to 30 Watts (dependent on control protocol, frequency, and antennas)</td>
</tr>
<tr>
<td>Deployment Time</td>
<td>&lt;3 min (Pelican case to operational capability)</td>
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<tr>
<td>Battery Operation Time</td>
<td>Detect: 5 hrs; Defeat: 2.5 hrs (varies with duty cycle)</td>
</tr>
</tbody>
</table>

**ENVIRONMENT**

- Operating Temperatures: -20°C to 50°C
- Ingress Protection: IP66 and IEC 60529

**MECHANICAL & SYSTEM**

- System Weight & Dimensions: 20 lbs / 12.3" (L) x 5.1" (W) x 17.9" (H)
- Connectivity: RJ45 Ethernet to tablet or external network
- Power input: 85-305VAC / 18-36VDC
- Security: DIACAP Accredited, eMASS 12186 (NIIPR)
- Software Upgrades/Updates: Remote upgrades to incorporate new drone protocols/classification algorithms
- Safety: MIL-STD-882E compliant (ATEC Safety Certification)

**DISPLAY**

- Tablet: Enables operator control, detailed reporting and system configuration
- Operator Display: Advanced operator and drone activity logs with automatic reporting