**SPECIFICATIONS**

**PERFORMANCE**

- **Control Frequencies Supported**
  - Standard Kit: 2.4 GHz / 5.8 GHz / Wi-Fi
  - Extended Frequency Kit: 433 / 868 / 915 MHz / 1.2 GHz / Wi-Fi
- **Detection Range**
  - Up to 3 km horizontal
- **Defeat Range**
  - Up to 1.5 km horizontal
- **Antennas**
  - Omni Bifilar & Quadrafilar (RX), Dual Band (TX), Wi-Fi (Dual TX/RX), GPS (RX)
- **RF Power Output**
  - Up to 30 Watts (dependent on control protocol, frequency, and antennas)
- **Deployment Time**
  - <3 min (Pelican case to operational capability)
- **Battery Operation Time**
  - Detect: 5 hrs; Defeat: 2.5 hrs (varies with duty cycle)

**ENVIRONMENT**

- **Operating Temperatures**
  - -20°C to 50°C
- **Ingress Protection**
  - IP66 and IEC 60529
- **Salt/Fog, Vibration, Shock**
  - MIL-STD-810 method 509.6, 810G method 514.7C-I, MIL-STD-461G CE102

**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 Operator Display**
  - Enables operator control, detailed reporting and system configuration

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**TITAN C-UAS**

- **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**