



ELECTRONIC WARFARE



MUSICON®

The system provides up to 360-degree interdiction of consumer UASs and other target emitters. The system transmits multiple bands with center frequencies of 433MHz, 915MHz, 2.4 GHz, 5.2GHz, 5.8 GHz, 1.6 GHz (GPS L1), and 1.2 GHz (GPS L2). The systems has multiple 2.4GHz and 5GHz transmitters for increased waveform effectiveness and transmit diversity. The system consists of a compact high-power transceiver unit (HPX), a power control unit (PCU), and a set of omni-directional antennas or antenna arrays. The system operates on external DC power. The system can be controlled by a computer through a USB to ethernet connection, and by an API.

Combine with other IXI EW products for a complete system

MUSICON® easily integrates with CADENCE LITE & CADENCE



Technical Specifications

▶ CONFIGURATION

Weight	430 pounds
Color	Desert Tan

▶ ENVIRONMENT & POWER

Operating Temps -20°C to +55°C
 -Harsh Environmentally Resistant Design
 -Designed for extended periods standby operation and interdiction

▶ BANDS

Frequencies	433MHz, 915MHz, 2.4GHz, 5.2GHz, 5.8GHz
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▶ DETECTION

Detection time	5 sec for known targets
Detection range	Up to 10Km

▶ OVERVIEW

- Field programmable waveform updates
- System operation training takes less than 5 minutes
- Disrupts UAS C2, Video and GNSS signals
- Flexible mounting options
- Future upgrade path