ELECTRONIC WARFARE

MUSICON™ XL
CUxS/CIED Ai Enabled
Portable System Solutions

Wide Frequency Range

7 SDRS

Disrupts UxS threats operating on ISM and commercial frequencies

Field Upgradeable RF waveform capability

Patented RF modulation techniques

Patent pending Intelligent Power Management (IPM)

GNSS Jammer disrupts UxSs operating on all PNT frequencies

GNSS disruption range up to 18km

Flexible mounting options

Future upgrade paths

Key Technology Features

Industry Leading Detection/Jamming Performance

UP TO **24** KM — Detection Range

430+ MODELS — Extensive Library

360 DEGREES — Area detection

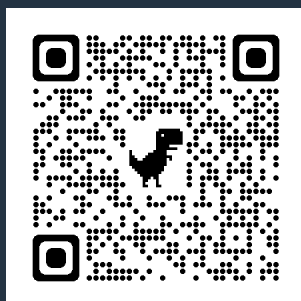**0** SIGNAL — Emissions*

UP TO **10** KM — Defeat Range

400 MHz to **6** GHz — Frequency Range

360 DEGREES — Fully Configurable Coverage

Ai Powered

- Artificial Intelligence Detects drones even if they are not in the library
- Supports multiple wireless protocols and modulations
- Fast and efficent edge processing
- Differentation between friend and foe
- Customized spectrum visualization and analysis
- Recording of detection data: for day-to-day record keeping, detection time stamps, forensic evidence, future analysis

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Integrated Ai Detect & Defeat solution:
Full sensor fusion built into one portable system with full support for radar, and optics

Swarm Defense:
360° of CUxS disruption protects the area of operation from multi drone threats (swarms)

Durable Construction:
MUSICON™ XL is designed to meet rugged military standards, with resistance to shock, weather and UV exposure

Cost Effective Solution:
Lower cost solution compared to other CUAS fixed site systems

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MUSICON XL

Directional Array

Directional Array

Omni Array

Detection Array (Cadence XL)

Remote Power Distribution Unit (RPDU 2)

Remote Power Distribution Unit (RPDU 1)

High Power Transmitter (HPX)

Power Distribution (PCU)

AC PWR Supply 90-240V AC

Control Computer

ELECTRONIC WARFARE

LEGEND

RF

Power

Data