Static Area Protection Jammer

SJ-SizeM

Rantelon



Versatile, omnidirectional signal suppression for stationary and mobile deployments

FOR RESTRICTIONS ON USING JAMMERS, PLEASE CONTACT YOUR NATIONAL FREQUENCY REGULATOR

360° Omni Shield
Immediate omnidirectional "dome" protection around the asset.

Modular Deployment
Quick-mount interface for stands, tripods, or vehicle integration.

Network-Enabled Control
RJ45 interface for remote Ethernet, C2, and SAPIENT integration.

IP67 Robust Build
Fully dust-tight and protected against temporary water immersion.

Marine & Land Capable
Resilient against salt-spray, vibration, and high-humidity zones.

Tactical Temp Operability
Consistent performance in diverse environments from -30°C to +45°C.

A heavy-duty and modular jammer engineered for localized area protection and rapid tactical response.

It creates an invisible electronic barrier to ground unauthorized UAVs and block hostile radio-controlled triggers. Developed and manufactured in-house, the system's modular architecture allows it to be tailored to specific operational needs, ensuring situational dominance whether deployed on a maritime platform or a mobile land unit.

- **Omnidirectional Asset Protection**
  Optimized antennas create a highly effective 360° electro-magnetic shield, grounding unauthorized drones without the need for manual aiming.
- **Maritime & Tactical Versatility**
  Available in specialized con-figurations for naval vessels or land vehicles, featuring high resilience against vibration, mois-ture, and corrosive environments.
- **High Interference Density**
  Optimized for high-ratio signal disruption across multiple parallel frequency bands, ensuring reliable link severance against advanced frequency-hopping threats.
- **Rapid Tactical Redeployment**
  While designed for persistent site security, the system's compact SWaP profile and stand-mount option allow for quick relocation to mobile checkpoints or temporary command posts.

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PARAMETER	SPECIFICATION
Frequency Configuration	6 parallel frequency bands
Frequency range	420 MHz – 5850 MHz (including GNSS L1/L2)
Output Power	High-power output (configurable levels)
Interoperability	Fully compatible with C2, SAPIENT, and Ethernet-based frameworks
Control Interfaces	RJ45 / Ethernet; dedicated remote control unit available
Environmental rating	IP67
Voltage Range	24 – 32 VDC
Operating Temp	-20°C to +45°C
Options	Directional patch antenna sets and LoRa-based remote control



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