

NSR® TVEW system

Tactical Vehicle Electronic
Warfare system



SPECIFICATIONS

RF Frequency Cover	Detection 20 Mhz - 7,5 GHz, Jamming 20 Mhz - 7,5 GHz Configurable jamming within specified frequency bands (up to 20 channels) can be adjusted upon request
Total Output Power	From 50 W to 100 W per channel (can be customised)
Modular Construction Design	YES, 14 modules (optional up to 20), not hot-swap
System Control	External control tablet, Threat-based task programming interface, other options
Jamming Module	14 channels (optional up to 20), GaN PA
Antenna Type	Omnidirectional, circular polarization
Antenna Number	15 (optional up to 21)
Housing	Aluminum, plastic, vibration-resistant
Power Supply	Autonomous 28V rechargeable battery
Military Standard design	MIL-STD-810, IP67
Smart Cooling System	Fan-based smart cooling
System Protection	NO
Operating time	Up to 5 h in jamming mode, up to 120h in detection mode
Total power consumption	=1,4 kW (jamming mode)
Antenna roof platform	Magnet roof mounting
Device Size	2 Ext. units (500mm*610mm*340mm)
Device Weight	110.4kg
Operating Temperature Range	-40°C to +60°C
Operating Humidity	Up to 95%
Standard Accessories:	Charger, switching cables, control tablet, cases, battery.
Jamming Source	GaN amplifiers
Detection Method	Passive detection using RSSI and signal classification
100% Supression range	80-250m
Function	Automated AI-based adaptive spectrum scan, detecting, frequency analizing; AI-based adaptive multi-threat jamming
Additional Optional Equipment (Available upon request)	
Equipment	Tripod, Extra battery pack

► Simultaneous jamming of multiple threats

► Advanced jamming algorithms for protection against all known drone threats, including GNSS

► Fanless cooling for silent operation and high reliability in extreme environment

► Ongoing search and monitoring of possible threats

► Can be programmed and controlled via its own remote control

► Possible to set the required frequency range within a minute

► User-friendly and simple threat-based mission programming interface

► Monitoring and protection against VSWR of the active antenna



**Rasid Radar
Equipment
Manufacturing,
L.L.C.**

📍 Tawazun Industrial Park
Abu Dhabi, UAE
↳ P.O. Box: 136565
↗ nsr-defense.ae
✉ info@nsr-defense.ae
📞 +971 5476 70 500

