

NSR® PTEW system

Portable Tactical 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 9 channels) can be adjusted upon request
Total Output Power	50 W per channel
RF Frequency&Output Power Programmable	YES, via tablet
Modular Construction Design	YES, 9 modules, not hot-swap
System Control	External control module
Jamming Module	9 channels, GaN PA
Antenna Type	Omnidirectional, circular polarization
Antenna Number	10
Housing	Aluminum, IP67, vibration-resistant
Power Supply	Built-in 28V rechargeable battery
Military Standard design	MIL-STD-810, IP67
Smart Cooling System	Fan-based smart cooling
System Protection	NO
Operating time	Up to 2 hours in jamming mode, up to 24h in detection mode
Total power consumption	=0,9 kW (jamming mode)
Antenna roof platform	NO
Device Size	730X400X300 mm
Device Weight	Up to 24.5 kg (depends on the battery configuration)
Operating Temperature Range	-40°C to +60°C
Operating Humidity	Up to 95%
Standard Accessories:	Charger, switching cables, control tablet, spare fuses, Load-bearing vest (LBV),
Jamming Source	GaN amplifiers, Reference oscillator/generator
Detection Method	Passive detection using RSSI and signal classification
100% Supression range	From 60 m to 300 m
Function	Automated spectrum scan; AI-based adaptive jamming; multi-threat suppression

- ▶ **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**
- ▶ **Can be programmed and controlled via LAN interface**
- ▶ **Possible to set the required frequency range**
- ▶ **User-friendly and simple threat-based mission programming interface**
- ▶ **Monitoring and protection against VSWR of the active antennarelevance**



**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

