The NSR[®] PTEW system (Portable Tactical Electronic Warfare) is a dedicated personal electronic warfare technology. It represents the latest achievement in the field change equipment. It changes the idea of protection and can be used in most military scenarios. Our PTEW system is one of the components of our latest complex active protection. It is not just a RF jummer, which you can easily with the analysis of signals using AI and a selective means of RF jumming. It can also be used with our last products with visual UAS detecting, such as FPV-drones and with Tactical Laser automatic activation Optical suppressor System (TLOS). Constant monitoring and analysis of the ether allows you to maintain the secrecy of the protected object, until the moment of an immediate threat. This unique feature allows you to avoid possible detection ahead of time. The jumming mode is activated only in danger detection situation, after which the system switches back to monitoring and analysis mode, and can't be detected by the and jamming system, includes both capabilities, and also shows the treatdirection. Designed with the dismounted soldier in mind, the NSR[®] PTEW system integrates cutting-edge, field-proven technology into an ultra-compact, lightweight form factor that offers unmatched portability



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NSR® PTEW system

Portable Tactical Electronic Warfare system



Key engineering advancements of the NSR[®] PTEW system include:

- *Optimized Compact Design:* The system is engineered with a streamlined profile, free from external protrusions, minimizing snag hazards and enhancing portability in rugged environments.
- *Operational Agility:* Enables complete freedom of movement, vital for maintaining maneuverability in dynamic combat scenarios.
- *Scalable Protection:* The system provides enhanced protection at both the individual and squad levels, with adaptive threat response capabilities that allow for real-time adjustment based on evolving battlefield conditions.
- *Advanced Signal Processing:* Incorporates flexible, software-defined signal modulation to address both current and next-generation RCIED threats, ensuring sustained operational relevance.
- *Power Efficiency:* Engineered for low power consumption with extended battery life, supporting prolonged missions without the need for frequent recharging.
- *User-Centric Design:* Features an intuitive interface, enabling rapid deployment and operation even under stress, reducing cognitive load on the soldier.

The NSR[®] PTEW system's modular architecture and versatile signal processing capabilities ensure comprehensive coverage across the electromagnetic spectrum, effectively countering a wide range of threats currently deployed on the battlefield, as well as those anticipated in future combat environments.

MAIN SPECIFICATIONS

Frequency range

RF Power Output

Signal Congration Technology

0 MHz-6 GHZ Up to 500 W total RF power

	Direct Digital Synthesiser
Jamming Modes	Software configurable via system control panel
Antenna	1 omni-directional circularly polarized antennas block
Mountig type	Portable/ installing the device on retractable legs
Programming/Data Interface	LAN/RS422
Power Supply	Battery or external power supply
Temperature range (Operating)	-30° C to $+60^{\circ}$ C
Environmental qualificatio	MIL-STD-810-F, IP67 rated
Weight	8 kg

FEATURES

- 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 exreme 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 antenna

CONFIGURATIONS