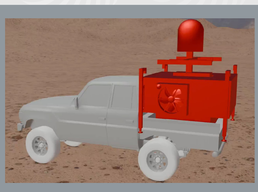
NSR ® MLEW system

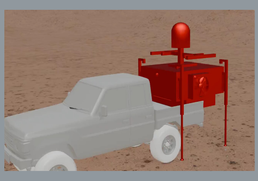
Mobile Land Electronic Warfare system

Modern military conflicts are characterized by a high density of electronic countermeasures. To protect large stationary facilities such as command posts, airfields and warehouses, as well as to ensure the safety of large concentrations of manpower on the march, the NSR® MLEW system can be used on trailers or in the back of an SUV.
NSR® MLEW (Mobile Land Electronic Warfare) system represents the latest achievement in the field of synthesis of RF and digital signals. This equipment changes the game rules on the battlefield.

Our MLEW system is one of the components of our latest complex active protection. It is not just a RF jummer, which you can easily find on the market, but a real complex of RF intelligence, with the analysis of signals using AI and a selective means of RF jumming.
Constant monitoring and analysis of the ether allows you to maintain the secrecy of the protected object, up to the moment of an immediate threat.

This unique feature avoids possible detection ahead of time. The suppression mode is activated for the duration of the elimination of the danger, after which the system switches back to monitoring and analysis mode. The system can provide protection for transport columns on the march, large stationary objects and clusters of manpower.





- Using AI to analyze signals
- It is one of the elements of the complex of active protection of tactical means, can be used in conjunction with other elements
- Avoids premature detection of the protected object
- Fast on-site deployment without additional efforts
- Own power supply

NSR

Contact
T .+971547670500
E: info@nsr-defense.ae
W: www.nsr-defense.ae

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NSR

The NSR® MLEW system on trailers is a complex consisting of several modules placed on car trailers, which can be quickly deployed in a combat zone or in a threatened area.
The main technical characteristics of The NSR® MLEW system include:
- Frequency range: The NSR® MLEW system is capable of operating in a wide frequency range, from several megahertz (MHz) to gigahertz (GHz), which allows you to counter various types of electronic threats, including radio communications, radar and satellite navigation.
- Range of action: Thanks to the use of powerful transmitters and highly efficient antennas, The NSR® MLEW system on trailers is able to carry out electronic suppression at a distance of up to 20-30 km. This allows you to create an electronic security zone around large facilities and troop concentrations.
- Modular structure: The NSR® MLEW system consists of separate modules that can include radios, interference transmitters, antennas and control systems. The modular structure allows you to adapt the composition of the complex to specific tasks, increasing its flexibility and versatility.
- Autonomy and mobility: The NSR® MLEW system, placed on trailers, has a high degree of autonomy due to the use of generators providing power supply, as well as integrated navigation and control systems. This allows you to quickly move the complex to the combat zone and quickly deploy it.
The NSR® MLEW trailer-mounted system can play a key role in modern military operations, providing protection for large stationary facilities and infantry units from electronic threats.
The NSR® MLEW system and its integration with other control and communication systems will significantly improve the effectiveness of combat operations and the protection of troops on the modern battlefield.

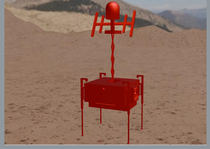
MAIN SPECIFICATIONS

Frequencyrange	0 MHz-6 GHZ
RF PowerOutput	Up to 2k W total RF power
SignalGenerationTechnology	Direct Digital Synthesiser
JammingModes	Software configurable via system control unit
Antenna	6 x omni-directional circularly polarized antennas⊠locks
Mountig type	A separate unit
Programming/Data Interface	LAN/RS422
Power Supply	12-24 V
Temperature range (Operating)	-30° C to +60° C
Environmental qualificatio	MIL-STD-810-F, IP67 rated
Weight	500 kg

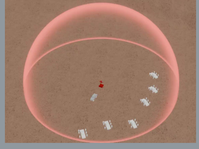
FEATURES

- 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
- 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

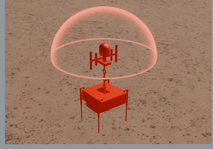
CONFIGURATIONS



5 antennas in one housing



Can protect a large area



It can be used independently