



NAUDI

National Association of
Ukrainian Defense Industries



NOTA

ELECTRONIC WARFARE SYSTEM

- designed to neutralise UAVs, disrupt mobile networks countering signal and radar intelligence systems
- provides direction finding sources of radio emission and radio jamming wireless communication (GSM, UMTS, LTE, CDMA, WiFi, VHF), channels of satellite navigation (GPS, GLONASS, Galileo, Beidou), remote control, telemetry and technical intelligence means (L, S, C - frequency band)
- provides determination of radio emission characteristics (frequency, power, etc.) and location (azimuth, coordinates) source of radio emission. Direction finding can be carried out with a circular and sector pattern
- carried jamming out by transmission of deliberate radio interference, which blocks information exchange through wireless communication
- provides generation of the aimed or barrage jamming. Jamming can be carried out with a circular and sector pattern
- designed for military and civil applications. It can be specified according to the customer requirements (frequency band, emission pattern and power, etc.)
- uses IP protocols to provide access to the operator console allows using a wide range of available telecommunication means and communication networks.
- optionally includes controlled high-resolution thermal imaging camera, for obtaining an additional information about the object (target)
- optionally includes fire control radar, for detecting, capturing and tracking of all air and ground targets at three coordinates and radar velocity that are located in the surveillance sector, as well as the giving of targeting information on the means of destruction

Modular design:

- the radiated power is distributed within a single module, and not the entire operating frequency range
- easy to deploy in various conditions - roofs, towers, field, forest etc.
- specify the optimal number of modules depending on the task being solved
- simply and rapid to repair by replacing the module in field conditions
- convenient to modify by adding the required module, easy to transport in a compact container

Fire control radar:

- Sector of simultaneously — 16 x 16
- Observation sector: by azimuth 360°;
by elevations from -5° C to +85° C
- Detecting range: 25 km for target with RCS = 3 sq.m.
20 km for target with RCS = 1 sq.m.
10 km for target with RCS = 0.1 sq.m.

Electrical:

- Battery — from 20 V to 24 V (DC)
- Vehicle supply input range — from 20 V to 32 V (DC)
- AC power — 90 - 264 V (VAC), 47 – 63 Hz
- Power consumption — 1500 W/ 3000 W (average)

Physical, Environmental & Reliability:

- Max Weight (approx.) — 250 kg
- Operating temperature — from -20° C to +60° C
- IP67 (dust tight and protected against powerful

Application:

- fixed – setting up on sites of critical infrastructure (airport, nuclear power plant, hazardous materials storage, headquarters, etc.)
- deployable – transportation of the system and rapid deployment for temporary use at the specified facility
- mobile – installing of the system on an vehicle with the possibility of use in movement and on stops



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