

GERGEDAN | 3-U

V/UHF ELECTRONIC ATTACK SYSTEM FOR UAV

#ElectronicWarfare



aselsan

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GERGEDAN 3-U System is designed to disrupt adversary communication at V/UHF band with ASELSAN's extensive EW technology expertise.

The integration of GERGEDAN 3-U System into the UAVs (Unmanned Aerial Vehicles / Systems) enables enhanced line of sight (LOS). Higher efficiency operations at the target region is possible with high gain directional antenna. In addition to the high gain directional antenna, efficiency can be further enhanced with the plug-in Booster.

Besides the active jamming, GERGEDAN 3-U System monitors the frequency spectrum to detect any instantaneous triggering signals and jams those communications in reactive mode with the optimized algorithm.

Operational Capabilities

- Jamming Types: Continuous, Look-through
- Jamming Modes: Spot, Multiple, Barrage, Reactive
- Deception with Audio Records
- Protected Frequencies for Creating Dynamic Communication Channels for Allies/Friendly Forces
- Activity Recording

Main Features

- V/UHF Operational Frequency Band
- Modular Design
- Higher Efficiency With Plug-in Booster
- High Gain Directed Blade Jamming Antennas
- Detection Antenna
- GPS Based Atomic Clock
- Uninterrupted Continuous Jamming
- Built-in-Test (BIT) Capability
- Pre-Mission Planning / Mission Data File (MDF)
- User Friendly SW
- Remote Control
- Field/Combat Proven
- MIL-STD-810 Compatible
 - Operation Temperature : -30° / +50°C
 - Storage Temperature : -40° / +60°C
 - Shock and Vibration
 - Humidity : 95% (non-condensing)
 - Sand, Dust, Rain



Specifications are subject to change without any notice. | All tolerances are within $\pm 10\%$.

REHİS - GERGEDAN 3-U - 12.2024