KANGAL™
EOD TYPE RCIED JAMMER
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KANGAL™ is a member of KANGAL™ EOD Type RCIED Jammers Family. It is designed to provide the EOD experts with a protection umbrella by creating effective RF interference to prevent triggering of Radio Controlled Improvised Explosive Devices (RCIEDs). If the suspected package is an RCIED, the EOD expert is completely protected with KANGAL™ EOD Type RCIED Jammers while approaching to his target.

Utilizing the Software Defined Jammer Technology and digital frequency synthesis techniques, KANGAL™ EOD Type RCIED Jammer is fully programmable over the whole frequency band.

This feature provides the user with utmost customization flexibility for specific operational and tactical requirements. User defined “jamming profile” includes setting of numerous jammed frequency bands and RF output power levels for simultaneous jamming of multiple threats.

**Programmability Features**

- User Defined and User Programmable, Flexible “Jamming Profile” Concept
- Definition of Jammed Frequency Bands
- Definition of Communication Channels for Friendly Forces
- Definition of Output Power Levels
- Jamming Profile Upload via Ethernet Interface
- No need to Explain the Threats and Classified Scenarios to the Vendor
- Field Programmable
- Programming Software Runs on an External Standard Laptop

**Technical Specifications**

- **Application Type**: EOD Team Protection
- **Frequency Coverage**: Configured in Accordance with Customer Requirements
- **RF Power Output**: < 200 Watt
- **Jamming Type**: DDS-Based FPGA-Controlled Swept Jamming
- **Antenna Type**: Omni-Directional Antennas
- **Operating Temperature**: -30 °C ; +50 °C
- **Storage Temperature**: -40 °C ; +60 °C
- **MIL-STD-810 Environment (Humidity, Rain, Dust, Shock and Vibration)**
- **Power Source**: Li-Ion Batteries
- **Weight**: < 60 kg
- **Operation Time**: > 1 hour with Batteries
- **Electric Field (SAR)**: Compatible with ICNIRP standards (Human Safe)

**Basic Features**

- Single Unit Full Band Coverage in a Small Form Factor
- High Efficiency Multi-Band Power Amplifiers
- Fully Programmable State-of-Art Digital Frequency Synthesizer
- Built-in VSWR Protection
- Built-in Test Feature
- Control and Monitor of the System by the Remote Control Unit
- Easy to Steer on Rough Terrains with the Rugged Wheels
- Easily Foldable Antenna Platform
- Braking Mechanism on Wheels for Static Operations
- Easy to Change the Batteries through the Access Window