REBEL GROUP

ELECTRONIC WARFARE (EW) & SIGNALS INTELLIGENCE (SIGINT) SYSTEMS

About the Company

Rebel Group is a Ukrainian high-technology defense company specializing in advanced electronic warfare (EW) and signals intelligence (SIGINT) systems, delivering reliable solutions for modern combat environments.

Rebel Group's EW systems are fully compliant with NATO standards and officially codified. All devices have undergone testing at the proving grounds of the General Staff of the Armed Forces of Ukraine and continuously demonstrate their effectiveness along the frontline.

Our company adheres to high standards of engineering excellence and works in close cooperation with military personnel and industry experts. This direct collaboration enables rapid feedback, continuous product improvement, and timely adaptation of each system to current operational challenges, while accounting for future technological development.

Our systems are used by

- Security Service of Ukraine
- Air Assault Forces of the Armed Forces of Ukraine
- Special Operations Forces of the Armed Forces of Ukraine
- Main Intelligence Directorate of the Ministry of Defense of Ukraine
- Linear infantry and Motorized rifle Units
- Territorial Defense and Volunteer Units
- Marines

REBEL GROUP

Mobile EW System

REB-OX v 2.0 M (2100-2700 MHz)

Description

Functions as an electronic countermeasure system designed to suppress signals of satellite radionavigation systems and UAV remote-control links.

Optional configurations include an external battery pack with device-charging or simultaneous operation capability, a vehicle onboard power converter, and additional jamming modules.

Supply Kit

- “REB-OX v 2.0 M” jamming system
- Antennas: 2100–2300 MHz, 2300–2500 MHz, 2500–2700 MHz
- Remote control unit
- AC 220 V power charger
- Operator’s manual
- Technical passport

Antenna Type

- «Quadrifilar»

The antennas are calculated, designed, and manufactured by our in-house specialist team. Antenna types can be selected according to specific operational requirements.

The systems are NATO-codified, have passed testing at General Staff proving grounds, and hold all required certifications. In addition to units available in stock, our production capacity allows us to meet the operational needs of the Armed Forces within short lead times.

REBEL GROUP

Mobile EW System

REB-OX v 2.0 M (700–1050 MHz + 2,4–2,5 GHz + 5,8 GHz)

Description

Functions as an electronic countermeasure system designed to suppress signals of satellite radionavigation systems and UAV remote-control links.

Optional configurations include an external battery pack with device-charging or simultaneous operation capability, a vehicle onboard power converter, and additional jamming modules.

Supply Kit

- “REB-OX v 2.0 M” jamming system
- Antennas: 750–1050 MHz, 700–1000 MHz, 2400–2500 MHz, 5725–5850 MHz
- Remote control unit
- AC 220 V power charger
- Operator’s manual
- Technical passport

Antenna Type

- «Cloverleaf»
- «Quadrifilar»

The antennas are calculated, designed, and manufactured by our in-house specialist team. Antenna types can be selected according to specific operational requirements.

The systems are NATO-codified, have passed testing at General Staff proving grounds, and hold all required certifications. In addition to units available in stock, our production capacity allows us to meet the operational needs of the Armed Forces within short lead times.

REBEL GROUP

Mobile EW System

REB-OX v 2.0 M (700–1050 MHz + 2,2–2,4 GHz + 2,4–2,6 GHz)

Description

Functions as an electronic countermeasure system designed to suppress signals of satellite radionavigation systems and UAV remote-control links.

Optional configurations include an external battery pack with device-charging or simultaneous operation capability, a vehicle onboard power converter, and additional jamming modules.

Supply Kit

- “REB-OX v 2.0 M” jamming system
- Antennas: 750–1050 MHz, 700–1000 MHz, 2,2-2,4 GHz, 2,4-2,6 GHz
- Remote control unit
- AC 220 V power charger
- Operator’s manual
- Technical passport

Antenna Type

- «Cloverleaf»
- «Quadrifilar»

The antennas are calculated, designed, and manufactured by our in-house specialist team. Antenna types can be selected according to specific operational requirements.

The systems are NATO-codified, have passed testing at General Staff proving grounds, and hold all required certifications. In addition to units available in stock, our production capacity allows us to meet the operational needs of the Armed Forces within short lead times.

REBEL GROUP

Mobile EW System

REB-OX v 2.0 M (700–1050 MHz + 2,3–2,4 GHz)

Description

Functions as an electronic countermeasure system designed to suppress signals of satellite radionavigation systems and UAV remote-control links.

Optional configurations include an external battery pack with device-charging or simultaneous operation capability, a vehicle onboard power converter, and additional jamming modules.

Supply Kit

- “REB-OX v 2.0 M” jamming system
- Antennas: 750–1050 MHz, 700–1000 MHz, 2,3-2,4 GHz
- Remote control unit
- AC 220 V power charger
- Operator’s manual
- Technical passport

Antenna Type

- «Quadrifilar»

The antennas are calculated, designed, and manufactured by our in-house specialist team. Antenna types can be selected according to specific operational requirements.

The systems are NATO-codified, have passed testing at General Staff proving grounds, and hold all required certifications. In addition to units available in stock, our production capacity allows us to meet the operational needs of the Armed Forces within short lead times.

Maximum effective jamming range: **up to 150 m**

Operating jamming frequency bands:

- **700-1000 MHz**
- **750-1050 MHz**
- **2,3-2,4 GHz**

3 operating jamming frequency bands

3 electromagnetic signal generation modules

Device weight: **27 kg**

Dimensions: **500** x **500** x **500 mm**

Operating time: **up to 2 hours**

REBEL GROUP

Mobile EW System

REB-OX v 2.5 M (350–550 MHz)

Description

Functions as an electronic countermeasure system designed to suppress UAV remote-control signals.

Optional configurations include an external battery pack with device-charging or simultaneous operation capability, a vehicle onboard power converter, and additional jamming modules.

Supply Kit

- “REB-OX v 2.5 M” jamming system
- Antennas: 350–550 MHz
- Remote control unit
- AC 220 V power charger
- Operator’s manual
- Technical passport

Antenna Type

- «Dipole»

The antennas are calculated, designed, and manufactured by our in-house specialist team. Antenna types can be selected according to specific operational requirements.

The systems are NATO-codified, have passed testing at General Staff proving grounds, and hold all required certifications. In addition to units available in stock, our production capacity allows us to meet the operational needs of the Armed Forces within short lead times.

REBEL GROUP

Mobile EW System

REB-OX v 3.0 L (300–600 MHz, 700–1050 MHz, 2.1–2.7 GHz)

Description

Functions as an electronic countermeasure system designed to suppress signals of satellite radionavigation systems and UAV remote-control links.

The electronic countermeasure system is built on a modular architecture, allowing configuration according to customer requirements. The EW system is mounted on a protective frame with magnetic mounts, where jamming modules are arranged in a coordinated, radio-compatible layout.

The protective frame design enables installation on metal vehicle cabins and is equipped with radio-transparent, fiberglass-reinforced antenna protection.

Supply Kit

- Jamming modules: 300–450 MHz (2 pcs), 450–600 MHz (2 pcs), 700–1000 MHz, 750–1050 MHz, 2.1–2.3 GHz, 2.3–2.5 GHz, 2.5–2.7 GHz
- Antennas: 300–450 MHz, 450–600 MHz, 700–1000 MHz, 750–1050 MHz, 2.1–2.3 GHz, 2.3–2.5 GHz, 2.5–2.7 GHz
- Protective frame assembly
- Remote control unit
- AC 220 V power charger
- Charging cable extension
- DC 24–43.2 V vehicle power cable
- Battery pack
- Operator's manual
- Technical passport

Antenna Type

- «Quadrifilar»

The antennas are calculated, designed, and manufactured by our in-house specialist team. Antenna configurations can be selected according to specific operational requirements.

The devices are NATO-codified, have passed testing at General Staff proving grounds, and hold the required approvals and certifications. In addition to units available in stock, our production capacity enables us to meet the operational needs of the Armed Forces within the shortest possible time.

Device weight: **30 kg**

Dimensions: **1830** x **10180** x **970 mm**

Operating time: **not less than 2 hours**

REBEL GROUP

Mobile EW System

REB-OX v 3.0 M (300–600 MHz, 700–1050 MHz, 2,1–2,7 GHz, 5,8 GHz)

Description

Functions as an electronic countermeasure system designed to suppress signals of satellite radionavigation systems and UAV remote-control links.

The electronic countermeasure system is built on a modular architecture, allowing configuration according to customer requirements. The EW system is mounted on a protective frame with magnetic mounts, where jamming modules are arranged in a coordinated, radio-compatible layout.

The protective frame design enables installation on metal vehicle cabins and is equipped with radio-transparent, fiberglass-reinforced antenna protection.

Supply Kit

- Jamming modules: 300–450 MHz (2 pcs), 450–600 MHz (2 pcs), 700–1000 MHz, 750–1050 MHz, 2,1–2,3 GHz, 2,3–2,5 GHz, 2,5–2,7 GHz, 5725–5850 MHz
- Antennas: 300–450 MHz, 450–600 MHz, 700–1000 MHz, 750–1050 MHz, 2,1–2,3 GHz, 2,3–2,5 GHz, 2,5–2,7 GHz, 5725–5850 MHz
- Protective frame assembly
- Remote control unit
- AC 220 V power charger
- Charging cable extension
- DC 24–43.2 V vehicle power cable
- Battery pack
- Operator's manual
- Technical passport

Antenna Type

- «Quadrifilar»

The antennas are calculated, designed, and manufactured by our in-house specialist team. Antenna configurations can be selected according to specific operational requirements.

The devices are NATO-codified, have passed testing at General Staff proving grounds, and hold the required approvals and certifications. In addition to units available in stock, our production capacity enables us to meet the operational needs of the Armed Forces within the shortest possible time.

Device weight: **30 kg**

Dimensions: **1830** x **10180** x **970 mm**

Operating time: **not less than 2 hours**

REBEL GROUP

Mobile EW System

REB-OX v 3.0 H (300–600 MHz, 700–1050 MHz, 2,1–2,7 GHz, 5,2-5,3 GHz, 5,8 GHz)

Description

Functions as an electronic countermeasure system designed to suppress signals of satellite radionavigation systems and UAV remote-control links.

The electronic countermeasure system is built on a modular architecture, allowing configuration according to customer requirements. The EW system is mounted on a protective frame with magnetic mounts, where jamming modules are arranged in a coordinated, radio-compatible layout.

The protective frame design enables installation on metal vehicle cabins and is equipped with radio-transparent, fiberglass-reinforced antenna protection.

Supply Kit

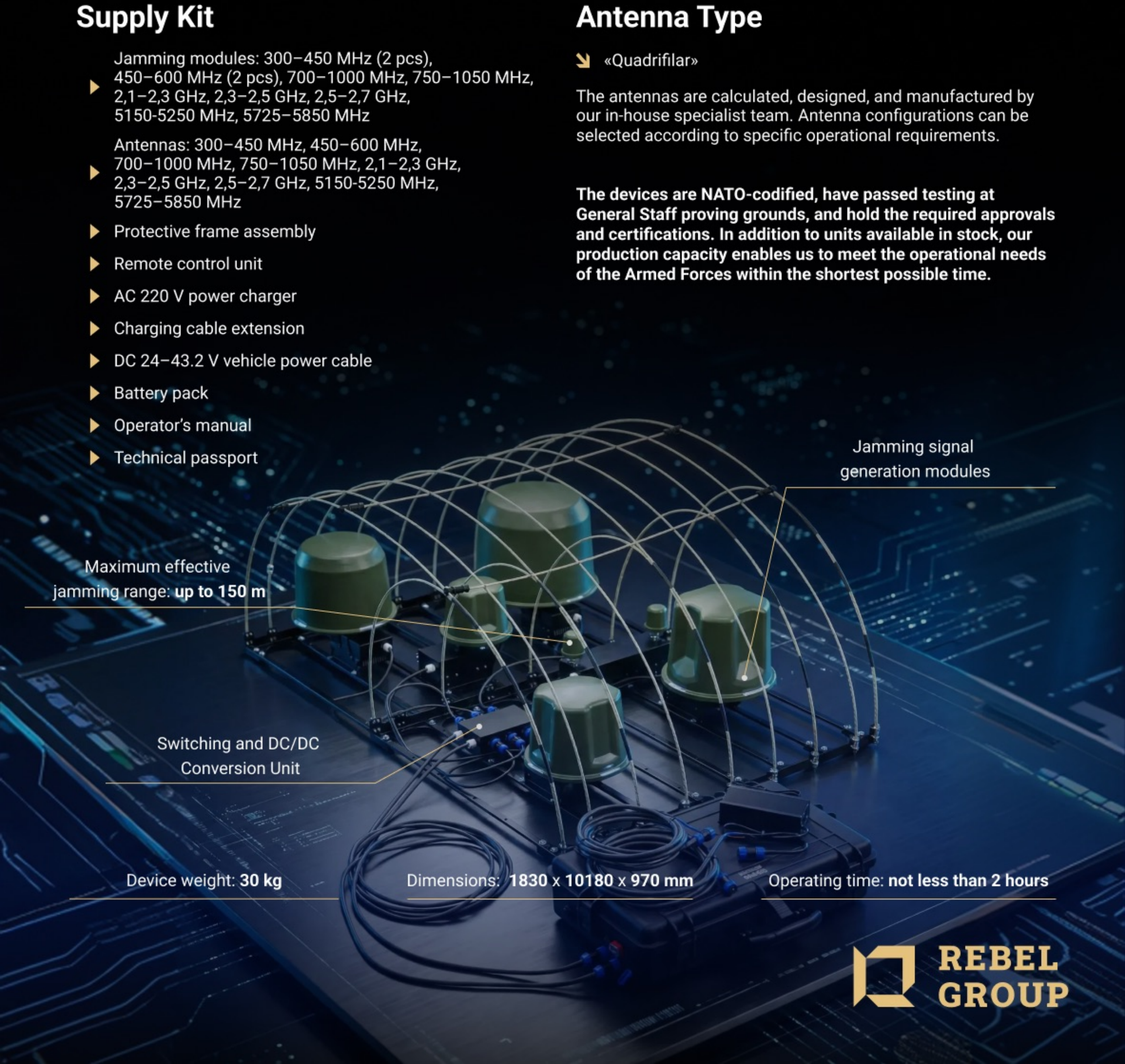
- Jamming modules: 300–450 MHz (2 pcs), 450–600 MHz (2 pcs), 700–1000 MHz, 750–1050 MHz, 2,1–2,3 GHz, 2,3–2,5 GHz, 2,5–2,7 GHz, 5150-5250 MHz, 5725–5850 MHz
- Antennas: 300–450 MHz, 450–600 MHz, 700–1000 MHz, 750–1050 MHz, 2,1–2,3 GHz, 2,3–2,5 GHz, 2,5–2,7 GHz, 5150-5250 MHz, 5725–5850 MHz
- Protective frame assembly
- Remote control unit
- AC 220 V power charger
- Charging cable extension
- DC 24–43.2 V vehicle power cable
- Battery pack
- Operator's manual
- Technical passport

Antenna Type

«Quadrifilar»

The antennas are calculated, designed, and manufactured by our in-house specialist team. Antenna configurations can be selected according to specific operational requirements.

The devices are NATO-codified, have passed testing at General Staff proving grounds, and hold the required approvals and certifications. In addition to units available in stock, our production capacity enables us to meet the operational needs of the Armed Forces within the shortest possible time.



Device weight: **30 kg**

Dimensions: **1830** x **10180** x **970 mm**

Operating time: **not less than 2 hours**

REBEL GROUP

Stationary EW System

FARA v 1.0

Description

Directed-action stationary EW system. Designed to cover specific sectors and provide layered protection. Frequency bands can be expanded as required.

Supply Kit

- “FARA v 1.0” device (with antennas of various polarizations)
- Tripod
- Mast mounting adapter

Optional Accessories:

- Battery
- Rotating mechanism

Antenna Type

- «Directional»

The antennas are calculated, designed, and manufactured by our in-house specialist team. Antenna types can be selected according to specific operational requirements.

All devices have been tested at the proving grounds of the General Staff of the Armed Forces of Ukraine and are recommended for use by the Ukrainian Armed Forces. In addition to units currently in stock, our production capacity allows us to meet operational requirements of the Armed Forces within the shortest possible time.

Maximum effective jamming range: **up to 5,000 m**

Jamming operating frequency ranges:

- **2,4-2,6 GHz**
- **5,8 GHz**

Equipped with **four antennas**

Device weight: **12 kg**

Dimensions: **400** x **320** x **580 mm**

REBEL GROUP

Stationary EW System

FARA v 2.0

Description

Directed-action stationary EW system. Designed to cover specific sectors and provide layered protection.
Frequency bands can be expanded as required.

Supply Kit

- “FARA v 2.0” device (with antennas of various polarizations)
- Tripod
- Mast mounting adapter

Optional Accessories:

- Battery
- Rotating mechanism

Antenna Type

«Directional»

The antennas are calculated, designed, and manufactured by our in-house specialist team. Antenna types can be selected according to specific operational requirements.

All devices have been tested at the proving grounds of the General Staff of the Armed Forces of Ukraine and are recommended for use by the Ukrainian Armed Forces. In addition to units currently in stock, our production capacity allows us to meet operational requirements of the Armed Forces within the shortest possible time.

Maximum effective jamming range: **up to 9,000 m**

Jamming operating frequency ranges:

- **2,4-2,6 GHz**
- **5,8 GHz**

Equipped with **six antennas**

Device weight: **20 kg**

Dimensions: **520** x **320** x **740 mm**

REBEL GROUP

Stationary EW System

FARA v 3.0

Description

Directed-action stationary EW system. Designed to cover specific sectors and provide layered protection. Frequency bands can be expanded as required.

Supply Kit

- “FARA v 3.0” device (with antennas of various polarizations)
- Tripod
- Mast mounting adapter

Optional Accessories:

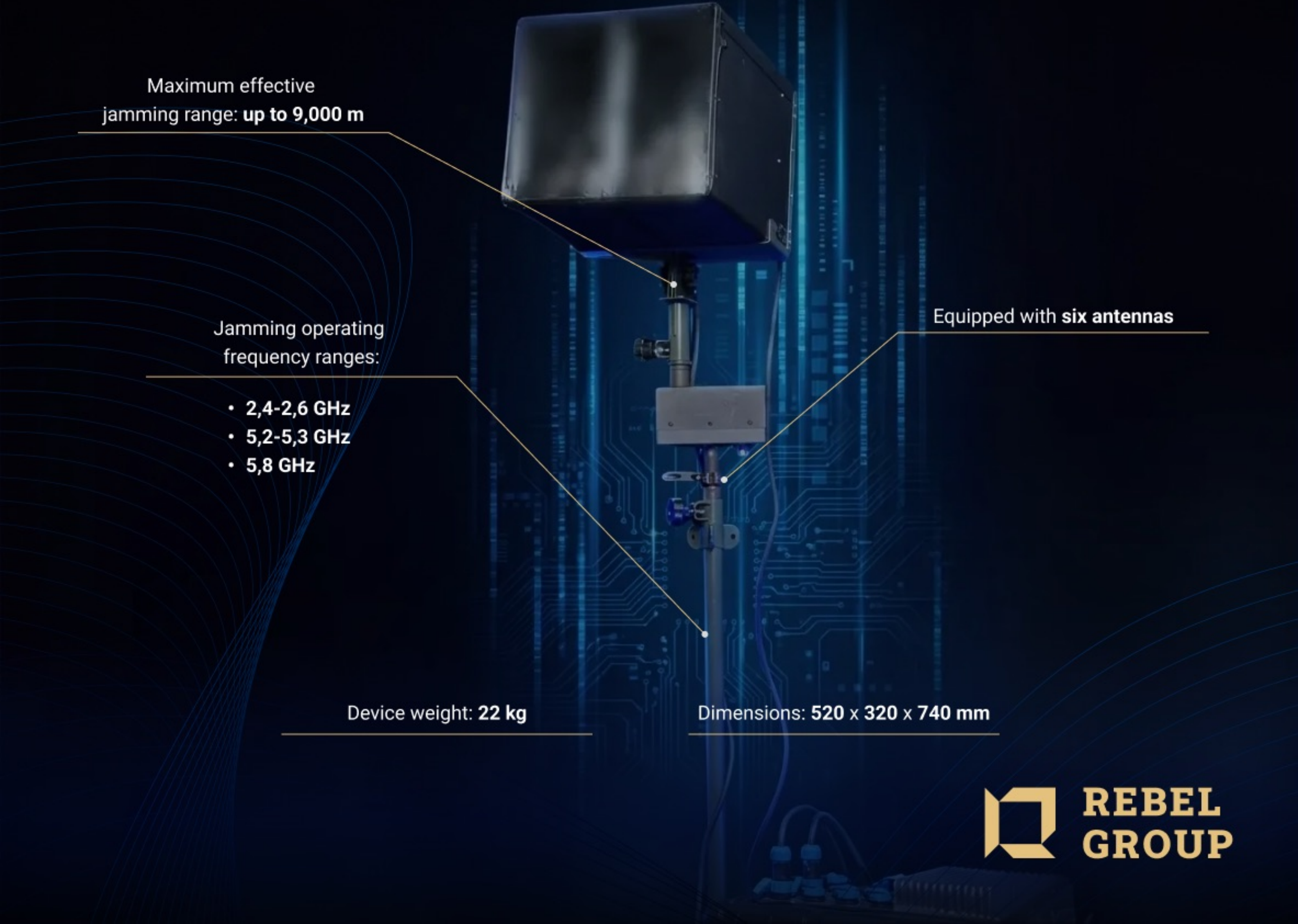
- Battery
- Rotating mechanism

Antenna Type

«Directional»

The antennas are calculated, designed, and manufactured by our in-house specialist team. Antenna types can be selected according to specific operational requirements.

All devices have been tested at the proving grounds of the General Staff of the Armed Forces of Ukraine and are recommended for use by the Ukrainian Armed Forces. In addition to units currently in stock, our production capacity allows us to meet operational requirements of the Armed Forces within the shortest possible time.



REBEL GROUP

Stationary EW System

SDR SHTORA

Description

Used for sector coverage and layered (echeloned) defense.
Supports control via a web-based interface, accessible both online and within a local network.

Supply Kit

- Counter-UAS device “SDR SHTORA”
- Tripod
- Ethernet cable

Optional Accessories:

- Battery pack
- Pan-tilt (rotational) mechanism

Antenna Type

«Directional»

The antennas are calculated, designed, and manufactured by our in-house specialist team. Antenna types can be selected according to specific operational requirements.

All devices have been tested at the proving grounds of the General Staff of the Armed Forces of Ukraine and are recommended for use by the Ukrainian Armed Forces. In addition to units currently in stock, our production capacity allows us to meet operational requirements of the Armed Forces within the shortest possible time.

REBEL GROUP

Signals Intelligence (SIGINT) System

SCAN-OX v 1.0 L

Description

The electronic signal intelligence (SIGINT) system is designed to detect radio-frequency emitters in the area of operations, determine their presence, quantity, technical characteristics, and estimate their location. The system is intended for deployment on quadcopter-type UAVs.

All collected data is transmitted and stored in encrypted form. Decryption is performed exclusively via a restricted-access server. Results are displayed on a satellite map. The system includes a “Retrospective” function for analysis of previously accumulated data. After decryption, the system supports local use on laptops or tablets.

Supply Kit

- “SCAN-OX v 1.0 L” device
- Transport case
- Card reader
- MicroSD memory card storage box
- User Account access credentials

The devices have been tested by specialists of the Main Directorate of Electronic Warfare and Cyber Warfare of the General Staff of the Armed Forces of Ukraine and are recommended for operational use by the Armed Forces of Ukraine.

Signals Intelligence (SIGINT) System

SCAN-OX v 2.0 L

Description

The electronic Signals intelligence (SIGINT) system is designed to detect radio-frequency emitters in the area of operations, determine their presence, quantity, technical characteristics, and estimate their location. The system is intended for deployment on fixed-wing UAV platforms.

All collected data is transmitted and stored in encrypted form. Decryption is performed exclusively via a restricted-access server. Results are displayed on a satellite map. The system includes a “Retrospective” function for analysis of previously accumulated data. After decryption, the system supports local use on laptops or tablets.

Supply Kit

- “SCAN-OX v 2.0 L” device
- Transport case
- Card reader
- MicroSD memory card storage box
- User Account access credentials

The devices have been tested by specialists of the Main Directorate of Electronic Warfare and Cyber Warfare of the General Staff of the Armed Forces of Ukraine and are recommended for operational use by the Armed Forces of Ukraine.

Signals Intelligence (SIGINT) System

SCAN-OX v 3.0 L

Description

The electronic Signals intelligence (SIGINT) system is designed to detect radio-frequency emitters in the area of operations, determine their presence, quantity, technical characteristics, and estimate their location. The system is designed for installation on automotive vehicles.

All collected data is transmitted and stored in encrypted form. Decryption is performed exclusively via a restricted-access server. Results are displayed on a satellite map. The system includes a “Retrospective” function for analysis of previously accumulated data. After decryption, the system supports local use on laptops or tablets.

Supply Kit

- “SCAN-OX v 3.0 L” device
- Transport case
- Card reader
- MicroSD memory card storage box
- User Account access credentials
- Control unit

The devices have been tested by specialists of the Main Directorate of Electronic Warfare and Cyber Warfare of the General Staff of the Armed Forces of Ukraine and are recommended for operational use by the Armed Forces of Ukraine.

Signals Intelligence (SIGINT) System

SCAN-OX v 4.0 L

Description

The terrain Signals Intelligence (SIGINT) system detects the presence of RF emitters operating on Wi-Fi and Bluetooth protocols, determines their quantity, technical characteristics, and location.

The system transmits data in real-time via Ethernet/LTE. Results are displayed through the User Interface (UI).

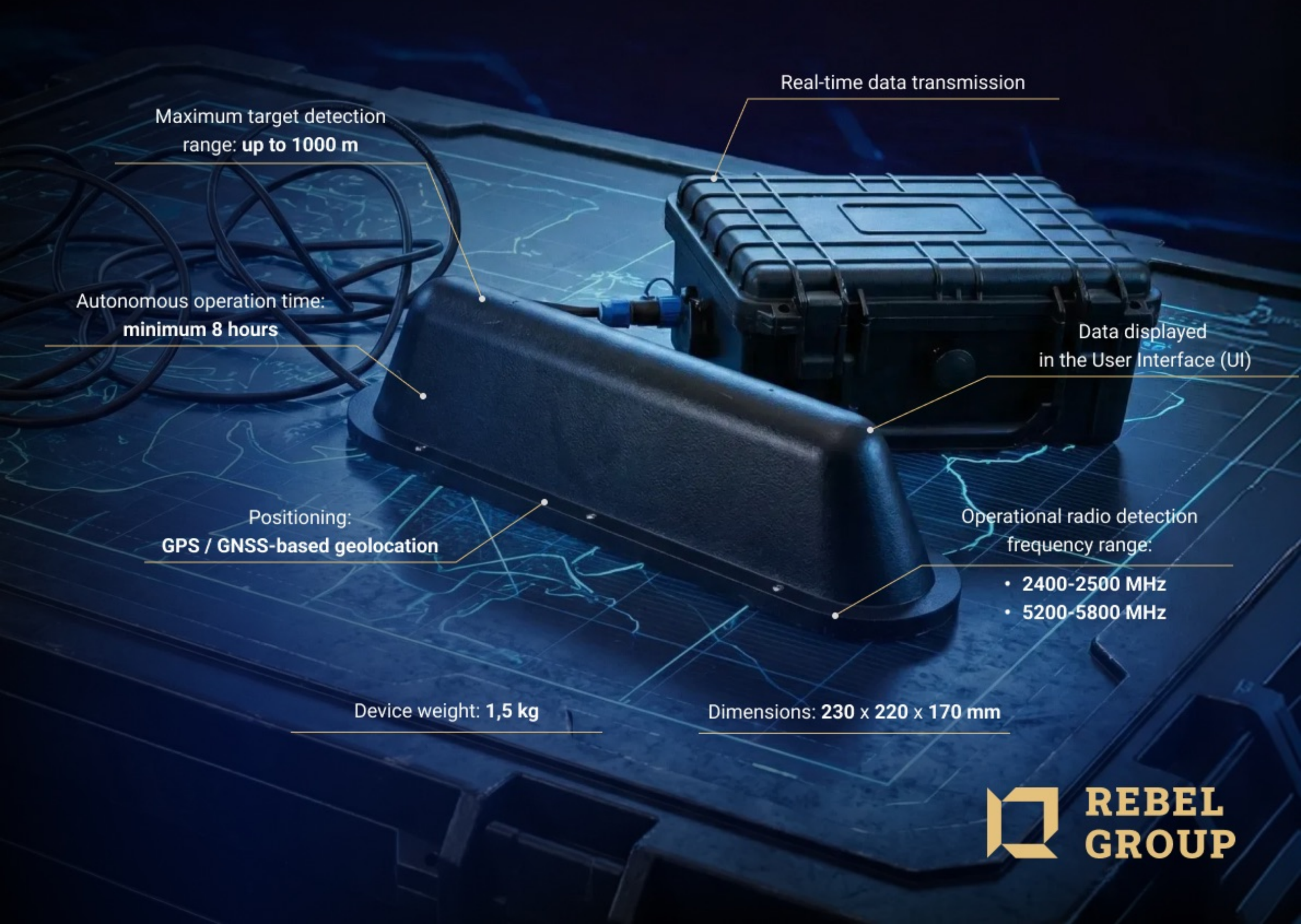
The system is designed for group operation of three units, enabling the use of emitter triangulation for precise geolocation on the terrain.

Supply Kit

- “SCAN-OX v 4.0 L” device
- Access credentials to the User Interface
- Technical passport
- Manual / Operating Instructions
- Charging unit

The device is equipped with an integrated battery unit, allowing autonomous operation for at least 8 hours.

All units have been tested by specialists of the Main Directorate of Electronic and Cyber Warfare of the General Staff of the Armed Forces of Ukraine and are recommended for use by the Armed Forces of Ukraine.



REBEL GROUP

Radio Monitoring System

OX-Point v 1.0

Description

Multi-functional radio monitoring system with automated data processing and transmission.
Performs monitoring and recording of analog and digital (DMR) radio communications, with automatic transcription of recordings using artificial intelligence (AI).

Computer platform & software

- OS: Windows 10 with Linux Subsystem (WSL)
- SDR# with plugins for recording and scanning
- SimpleDMR plugin for digital signal handling
- Specialized scripts for audio processing

Automated processing

- Audio transcription using AI
- WAV → MP3 conversion

Automatic delivery via Signal:

- Timestamping
- Date
- Channel name
- Text transcription
- Audio file in MP3 format

The devices have been tested by specialists of the Main Directorate of Electronic and Cyber Warfare of the General Staff of the Armed Forces of Ukraine and are recommended for use by the Armed Forces of Ukraine.

Operational jamming frequency bands:

- UHF: 400-510 MHz
- VHF: 136-180 MHz
- Aviation band: 117-136 MHz

Supported modulation types:

- NFM (analog voice communications)
- AM (aviation band communications)
- DMR (digital unencrypted voice communications)

Dimensions: **190** x **100** x **50 mm**

REBEL GROUP

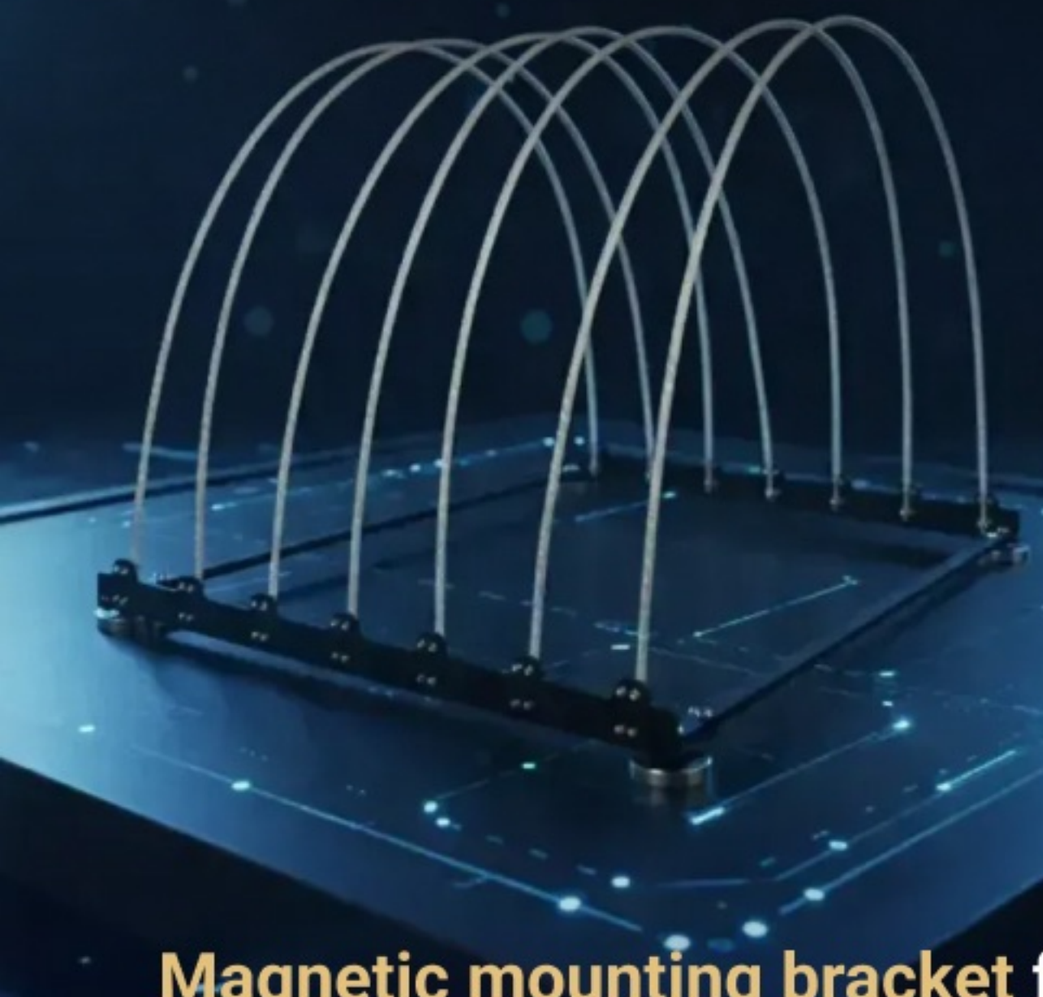
Optional equipment

Remote jammer module (single-band: 5.8 GHz or 2.4–2.5 GHz)

Supply Kit

- Remote module for one jammer (5.8 GHz or 2.4–2.5 GHz)
- Antenna 5725–5850 MHz **or** antenna 2400–2500 MHz
- Power cable for connection to the EW system

Mechanical Protection Kit



Supply Kit

- Longitudinal and transverse reinforcement set
- Angle brackets with clamps; angle connectors
- Sets of clamps for reinforcement, cable ties, nuts, bolts, and magnets
- Assembly instructions
- Technical passport

Magnetic mounting bracket for vehicles with vibration damping

REBEL GROUP

REBEL GROUP

info@rebel-grp.com

WhatsApp | Signal
+38 (068) 163 01 63