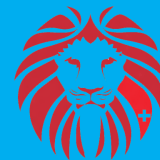


JS-1SB

RF JAMMING SYSTEM

Mobile / Satellite Communication Jamming

SCG
Security &
Counterintelligence
Group LLC



**MOBILE PHONE, GSNS
SATELLITE PHONE, WI-FI**

Overview

The JS-1SB is a multi-band jamming system built in a resistant and tamper-proof cabinet, integrating up to 6 frequency bands with 50 W - 100 W output power per frequency band.

The system may be delivered with high gain directional or omnidirectional antennas.

AC powered and integrating a powerful double-fan cooling system the jammer is ideal for permanent operation during 24 hours and 365 days per year.

Application

- Communication jamming in sensitive areas such as prisons, governmental premises, house of prayer
- Protection against remote controlled bombs

Features

- Coverage of up to 6 frequency bands simultaneously
- High output power up to totally 500 W
- Built for continuous operation 24/7 in harsh climate
- Waterproof and tamper-proof
- VSWR protection
- Battery backup system for uninterrupted operation in case of AC power failure
- Selective frequency band operation
- Wireless or LAN / Internet remote controlling (option)
- Wide selection of antennas for a precise area coverage
- Customized versions available on request



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Specifications

Architectural Overview

- Frequency Band / Output power:

GSM 900	/ 50 W, 75 W or 100 W
GSM 1800	/ 50 W, 75 W or 100 W
3G, UMTS 2100	/ 50 W, 75 W or 100 W
CDMA 450	/ 50 W, 75 W or 100 W
CDMA 800, GSM 850	/ 50 W, 75 W or 100 W
iDEN	/ 50 W, 75 W or 100 W
PCS 1900	/ 50 W, 75 W or 100 W
4G, LTE 700, LTE 800, LTE 2300, LTE 2600	/ 50 W, 75 W or 100 W
Wi-Fi 2.4, WiMax 3.6, WiMax 5.8	/ 50 W, 75 W or 100 W

Satellite Communication:
(Iridium, Thuraya, Inmarsat, Globalstar) / 50 W, 75 W or 100 W
GSNS Global Satellite Navigation Systems:
(GPS, Glonass, Galileo, BeiDou, QZSS etc.) / 50 W, 75 W or 100 W
 - Jamming mode: PLL, QAM
 - Operation: ON/OFF, selective operation of individual bands, adjustable output power for each band
 - Antennas:
 - Gain:
 - directional antenna: up to 21 dBi (depending on frequency band)
 - omnidirectional antenna: up to 9 dBi (depending on frequency band)
 - VSWR: ≤ 1.5 (standard)
 - Impedance: 50 Ω
 - Connectors: N-type Female
- Antenna datasheets available on request**

Connectivity & Software

- Remote control (option):
 - Wireless remote control or Ethernet / Internet controlled
 - Remote control functions:
 - Activation of individual bands
 - Output power level for each band
 - Operation upon schedule (date / time)
 - Alert and indication in case of:
 - Tampering / sabotage
 - Device failure
 - Exceeded VSWR or temperature level

Electrical

- Power supply: AC 110 - 240 V; DC 24 V
- Backup battery (option): 2 h autonomy
- Cooling System: Forced air double-fan system with analog thermostat, air flow capacity 6 cbm/min.

Physical & Environmental

- Cabinet: Steel cabinet, 1.5 mm, monoblock welded; 3-point locking system for anti-vandal protection
- Dimensions: 88 cm (height) x 60 cm (width) x 45 cm (depth)
- Weight: Depending on configuration, max. 100 kg
- Operation Temperature: -40° to +65° C
- Storage Temperature: -50° to +85° C
- Humidity: up to 90%
- Protection: IP55

Installation

- Mounting options:
 - Wall mounting
 - Mast mounting on request

Specifications may change without prior notice

