



Britannia 2000 Limited

Designers, Manufacturers & Integrators of Specialist
Surveillance Systems and Equipment

Scimitar Mk VIIB Signal Jammer

Multi band jammer for convoy and EOD protection

Features



- Designed for Convoy & Force Protection
- Barrage protection to 1000Mhz
- Protects against Mobile & SatCom threats
- Can be used as a portable unit
- Can be quickly installed
- Over current protection
- Wide Band antenna array
- Protected against antennae mismatch
- Thermally protected main amplifier
- Installation kit supplied

Description

The Scimitar MK VIIB has been updated to combat the latest threats and incorporates the very latest technology to produce a small lightweight unit. It is in use with special operations groups throughout the world.

The Mk VIIB is available in two versions:-

Vehicle and Portable

The **VP** has the addition of a large capacity NiMh internal rechargeable battery, enabling the unit to be used in a multi roll situation for force protection as well as for local EOD use. It is able to run at full power on its own internal battery, which is kept charged whilst the unit is installed in a vehicle. Should the need arise the unit can be used as a portable system

The **V** version is for pure vehicle installation or as a fixed building installation and just like the **VP** version gives full cover of most threat frequencies discovered to date.

Ideally suited as a VIP or Force protection unit for use in convoys both units are equipped with digital and analogue signal systems so that protection is effected from the older technologies that are still a very real threat and also the latest digital GSM/GPRS/3G/SatCom threats that are becoming more common.

Applications

VIP and Convoy protection, base protection, prevention of EOD detonation via wireless systems

Options

- Fast Charger system for fixed installations
- Portable Carry Pack
- Directional Antennae



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Specification

Operating Frequency & Power:

20 -1000MHz Barrage (100w PEP)

860 -885MHz CDMA (44w)

925 – 965MHz GSM (44w)

1800 – 1950 DCS/PCS (44w)

2100 -2200 MHz UTMS/3G/SAT (44w)

25 amps @ 13.2vdc

Power Supply:

Antenna:

Remote Operation:

Cooling:

Case:

Operating Temperature:

Humidity:

Size:

Power Supply Unit:

Purpose 5 antenna matrix. Mag Mount

Yes

Forced air via custom heat exchanger

Epoxy powder zinc coated steel

-20°C ~ +55°C

90% RH

450mm x 320mm x 120mm

Internal Battery and external mains/fast charger

FM Modulated Noise

Frequency hopping FM Noise

Frequency hopping FM Noise

Includes protection

Over temperature protection



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