

COMPLETE COUNTER TERRORIST AND SURVEILLANCE SOLUTIONS

The **Digital RF Mini Cell-Block™ LP Room Jammer** is a compact jamming system which can be wall mounted in rooms and around a building to provide complete protection.

Each Jamming Module can be remotely controlled and radiates multiple programmable jamming carriers that can instantaneously jam selected frequency bands.

The modular design enables the system to be fitted to inhibit the required threat frequencies while being easily maintained by personnel in the field.

Anti-tamper features make the Mini Shadow ideal for installation in secure facilities such as Government Meeting Rooms and Detention Centre's to prevent the use of unauthorised Mobile Phones.



Equipment

The Digital RF Mini Cell-Block™ LP Room Jammer is designed and manufactured in the UK. It is equipped for both wall mounting and free standing applications and has a universal power supply.

A full range of integrated efficient Antennas are provided in the system to ensure the maximum energy is transmitted into the required area. These Antenna are designed and built in the UK and installed as part of a turnkey solution. An optional battery back up facility can also be offered to provide one hour of use without power from the mains.

A wide selection of frequency bands are selectable by the Customer depending on country and local operator networks. Each Jammer is remote controlled by the 'Sentinel' Monitor and Control Software application.



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Manufactured
& Designed
in the UK



clients
worldwide

Mini Shadow LP Room Jammer

SYSTEM SPECIFICATION

Frequency Bands	Band 1	20MHz—480MHz
	Band 2	480MHz—900MHz
	Band 3	850MHz—990MHz
	Band 4	1800MHz—2000MHz
	Band 5	2100MHz—2170MHz
	Band 6	3600MHz—3800MHz
	Band 7	5400MHz—5800MHz
Jamming Technique	Variable Swept Carrier with selected modulation or ramp swept with adjustment to 1uS	
Channels	16 to 512 active channels selectable ON/OFF for each band	
Control	RS232/USB Ethernet or WiFi	
Wall Mount Jammer Tx Powers	Per band available from 2 –16W specified at the time of order	
Antennas	Omni and/or Directional high gain	
Environmental/ Mechanical	Size	Low Power Version—250mm High x 300mm wide x 70mm deep
	Weight	850g (dependant on options)
	Power	240VAC Typical 25W /POE 25-50W
	Temperature	-10°C to 50°C



Wide Band Cell-Block™ Jammer System

Mini Cell-Block™ LP Room Jammer units can be powered from mains power or PoE. Control is provided from RS232/USB, Ethernet or WiFi. For mobile phones and communications devices a single Mini Cell-Block™ system can jam the following popular bands:

- GSM-850
- E-GSM-900
- DCS-1800
- PCS-1900
- UMTS-2100
- WiFi 2.4G

All Cell-Block™ Jammer Modules have options to adjust frequency and power to ensure only the Mobile Networks in the area are jammed. The system can be optimized to keep the transmission from each Jammer to a minimum while maintaining full effect.

Detectors may be supplied at various locations to monitor RF activity in dedicated bands. Upon detection of activity the Detector activates the Cell-Block™ Jammer. Once activated the Jammer will transmit for a set duration. Upon secession the Detector immediately checks for RF activity again and the process repeats.

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