

COMPLETE COUNTER TERRORIST AND SURVEILLANCE SOLUTIONS

Preventing the use of Mobile phones and communications devices in Prisons and Secure facilities is an important part of security and crime-prevention.

Digital RF can provide, install and maintain 'Cell-Block™', a comprehensive communications device monitoring and jamming system.

Cell-Block™ can be easily installed and is tamper proof. Operating over many frequency bands cell phones, satellite phones, Wi-Fi and many other communications devices are disabled.

Working with Cell-Grabber a prison or building can be jammed but still allow authorised mobile phones to work.



The Cell-Block™ Jammer system is designed and manufactured in the UK. The Jammers are wall mounted or free standing with universal power supply.

A full range of efficient antennas are provided in the System to ensure the maximum energy is transmitted into the required area. These antennas are designed and built by Digital RF and can be provided or installed as part of a turnkey solution.

A wide selection of frequency bands are available depending on country and local operator networks. Each Jammer is fully remote controlled by the Digital RF 'Sentinel™' monitor and control software application.

Features

- Portable or Permanent Installation
- Wide range of frequency bands available
- Full remote control of each Jammer
- Multi network operation emulating up to 6 networks in one box
- Optional "denial of service" creating a Black list and White list of all mobile phone users.
- Optional battery back up to provide 1 hour operation without power from the mains
- Designed for 24hr use 365 days per year



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Manufactured
& Designed
in the UK



clients
worldwide

Cell-Block™ Prison Jamming System

SYSTEM SPECIFICATION

Frequency Bands	Band 1—20MHz to 500MHz Band 2—850MHz to 960MHz Band 3—1200MHz to 2000MHz Band 4—2100MHz to 2170MHz Band 5—2400MHz to 2500MHz Band 6—3600MHz to 3800MHz Band 7—5400MHz to 5800MHz
Jamming Technique	Variable Swept Carrier with pseudo random modulation or ramp swept with adjustment to 1uS
Channels	16 to 512 active channels selectable ON/OFF for each band
Control	Ethernet
Detector	6 Channels (Optional)
Wall mounted Jammer Tx Powers	Per Band available from 10 - 100W, specified at time of order
Antennas	Omni and/or Directional high gain
Size	Low Power Version ~ 600mm high, 500mm wide, 200mm deep
Weight	20Kg (depending on options)
Power	90—240VAC
Temperature	-20°C to 55°C



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