

# CELLPHONE DETECTOR **WOLFHOUND PRO**

## PRECISION CELL PHONE DETECTION

Wolfhound™-PRO Cell Phone Detector is a precision, handheld, wireless sniffer specifically tuned to the RF signature of common cell phones (both U.S. & European bands) including PCS, CDMA / WCDMA (UMTS), GSM, EGSM Cellular bands as well as GPS trackers and even U.S. DECT 6.0 cordless phones that cause interference with European cellular carriers. Wolfhound™-PRO's high speed scanning receiver utilizes a multi-band DF (Direction Finding) antenna system allowing security personnel to locate nearby cell phones in either standby mode\* or during active voice, text or data RF transmissions making it the perfect tool for enforcing your **NO WIRELESS** security policy. Instead of illegal and unsafe cellular jamming signals Wolfhound™-PRO Cell Phone Detector prevents wireless usage by detecting and even locating the perpetrator. Wolfhound-PRO's simple trackball/pushbutton operation and ultra-bright OLED screen make its easy to use for both trained and untrained security personnel.



OLED displays realtime signal strength with user selectable threshold triggers and peak hold.



When Wolfhound-PRO has detected and "locked" onto cellular activity, the frequency is displayed.



Device status and setup is displayed just off to the side and includes: menu navigation, current measurement, battery level and more.



Backlit trackball/joystick/pushbutton allows for easy, one-handed operation from any user.



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### DEMODULATOR SPECIFICATIONS:

#### U.S. BANDS includes U.S. DECT 6.0 Cordless Phones & GPS Tracking Device Frequencies

824-849 MHz  
896-901 MHz  
1850-1910 MHz

#### EURASIAN BANDS

(EGSM 900) 880-915 MHz (Europe, Asia, Australia, New Zealand)  
(GSM 1800) 1710.2-1784.8 MHz (Europe, Asia, Japan)  
(WCDMA/UMTS) 1920-1980 MHz (Europe, Asia, Korea, Japan, Australia, Brazil, New Zealand)

RADIUS OF COVERAGE AREA	100 feet (~30 meters) under typical conditions
DYNAMIC RANGE	60 dB
SENSITIVITY	-80 dBm (user selectable)
DETECTOR RESOLUTION	2 dB
BANDWIDTH RESOLUTION	4 MHz
SELECTIVITY REJECTION	>50 dB @ 1 MHz from uplink band edges
RECEIVING MODES	High-speed scanning (uplink cellphone bands)
ANTENNAS SUPPORTED	Optional Direction finding (field-swappable multiband panel antenna with SMA connector) Included Omni-directional (quarter-wave multiband, monopolar antenna with SMA connector)

### Wolfhound-PRO Cell Phone Detector Advantages:

- Receiver design boasts a dynamic range of 60 dB with user selectable sensitivity
- User selectable sensitivity from -80 dBm to -50 dBm with a resolution of 2dB for detection in a noisy environment
- Selectivity: rejection of at least 50 dB at 1 MHz from the uplink frequency bands provides high immunity from false triggering caused by base stations, personal communication devices and other sources of interference
- Integrated logging capability with built-in nonvolatile memory and real time clock allows the user to record and time-stamp every detected cell phone transmission
- USB port included to download recorded measurements to a PC for further analysis
- User selectable mobile frequency bands allow the same unit to be used around the world; both USA and European mobile uplink bands are supported
- Detects and displays the phone's transmitting frequency with resolution  $\pm 2$  MHz
- Detects U.S. DECT 6.0 cordless phones
- Integrated laser-assisted directional antenna (green 532 nanometer laser, 50 feet minimum span)
- Internal Li-ION battery provides runtime of 4+ hours
- Weighs less than 2 lbs. (30 oz.) fully loaded or just over 1 lb. (18 oz.) using omni-directional antenna



#### Every Wolfhound-PRO ships with:

- Wolfhound-PRO Cell Phone Detector
- External charging power transformer
- Omni band antenna (800/1900 MHz)
- WideBand DF - Direction Finding antenna
- Integrated laser-assist module
- Ear bud for privacy mode
- Rugged hard Pelican briefcase (secure lock)



Wolfhound-PRO also detects U.S. DECT 6.0 cordless phones and portable GPS tracking devices too.

Prisons & Correctional Facilities • Government & Military Installations • Law Enforcement Agencies • Financial Institutions • Anti-Terrorism Operations

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