

# WOLF HOUND PRO

## PRECISION CELL PHONE DETECTION



**Wolfhound™-PRO Cell Phone Detector scans and locates all 3G and 4G cell phones (all U.S. & international bands).**

**Used worldwide by law enforcement, government agencies and TSCM security teams. Passive receiver technology delivers instant results without illegally intercepting cell phones so time consuming court orders or warrants are unnecessary in many cases**



**Wolfhound-PRO™ identifies each cellphone by RF frequency allowing for detection and identification of multiple cellphones. This is ideal for creating an overall profile of cellphone use in large prisons, secured areas and even disaster zones for search and rescue.**



**\*Detect all voice, text & data from any phone with audible, vibrating & laser-assisted alerts**



**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 stand-by mode\* or during active voice, text or data RF transmissions.**

**Detects up to 150 feet away (indoors) and up to 1 mile outdoors (line-of sight) making it the most sensitive cell phone detector on the market**



**Wolfhound-PRO's single thumb trackbutton operation and ultra-bright OLED screen make it easy for any security personnel.**



**Designed & manufactured in the U.S.A.**



**Prisons & Correctional Facilities • Government & Military Installations • Law Enforcement Agencies • Corporate & Financial Institutions • TSCM**

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\*Standby mode (autonomous registration) varies for different base stations with phones typically registering between once every few minutes to up to 20 minutes. This time varies greatly based upon carriers, distance from base stations and individual handset manufacturers' standards.



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### RF SPECIFICATIONS:

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

LTE Uplink 699-716 MHz  
LTE Uplink 777-787 MHz  
LTE Uplink 788-798 MHz  
824-849 MHz  
896-901 MHz  
AWS Uplink 1710-1755 MHz  
1850-1910 MHz  
2305-2315 MHz

### INTERNATIONAL BANDS INCLUDE

EU  
Australia  
New Zealand  
Israel  
Sweden  
Brazil  
Japan  
Canada

EUDD 832-862 MHz MHz  
EGSM 880-915 MHz  
DCS 1710-1785 MHz  
IMT 1920-1980 MHz  
IMT-E 2500-2570 MHz

Check with our sales team to include your country's band

<b>RADIUS OF COVERAGE AREA</b>	150 feet (~50 meters) under typical conditions
<b>DYNAMIC RANGE</b>	60 dB
<b>SENSITIVITY</b>	-83 dBm
<b>DETECTOR RESOLUTION</b>	2 dB
<b>BANDWIDTH RESOLUTION</b>	4 MHz / 20 MHz
<b>SELECTIVITY REJECTION</b>	>50 dB @ 1 MHz from uplink band edges
<b>RECEIVING MODES</b>	High-speed scanning (uplink cellphone bands)
<b>ANTENNAS SUPPORTED</b>	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 -83 dBm to -53 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 RF interference
- Discovery and logging capability allows the user to record and timestamp multiple cellphones simultaneously
- USB port streams measurements to a PC for further analysis
- User selectable mobile frequency bands allow the same unit to be used around the world; both USA & international support
- Detects and displays the phone's transmitting frequency with resolution  $\pm 2$  MHz /  $\pm 10$  MHz
- Detects U.S. DECT 6.0 cordless phones and even GPS trackers
- Integrated laser-assisted directional antenna (green 532 nm 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)

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