

# CELLPHONE MONITOR WATCHHOUND



## 24 - 7 CELL PHONE ACTIVITY MONITOR

Watchhound™ Cell Phone Security Monitor continuously scans any cellphone prohibited area for wireless activity essentially creating wireless-free zones without the need for jamming. All incoming and outgoing cellular calls are detected and time stamped for later analysis. The Watchhound receiver can also be configured to look like a common thermostat on any wall for more covert enforcement and features an ultrabright, OLED display, remote control and utilizes Power (PoE) over Ethernet. Watchhound's simple thumbstick/push button control allows any security personnel to easily set threshold levels, check past cell phone activity and detect all voice, text and cellular data triggers in realtime.

### Perfect for:

- ✓ Prisons
- ✓ Universities
- ✓ Court Rooms
- ✓ Military
- ✓ Government
- ✓ Hospitals
- ✓ Airports

*Ask about our covert thermostat WatchHound!*



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Call us today for more information:  
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www.bvsystems.com  
sales@bvsystems.com



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### DEMODULATOR SPECIFICATIONS:

#### North American

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

#### Euro/Asian/Australain

(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 (with zero input attenuation)
DETECTOR RESOLUTION	2 dB
BANDWIDTH RESOLUTION	4 MHz
SELECTIVITY REJECTION	>50 dB @ 1 MHz from uplink band edges
ANTENNAS SUPPORTED	Optional Direction finding (field-swappable multiband panel antenna with SMA connector) Included Omni-directional (quarter-wave multiband, monopolar antenna with SMA connector) Integral/Covert (optional quarter-wave, multi-band, monopole connected internally, 10 dBi gain)
RF INPUT	SMA jack for external antenna
MINI-USB PORT	Mini-USB jack for connecting to a PC
DC POWER INPUT	DC jack for connecting to a supplied external AC power supply
LAN INTERFACE	PoE-capable ethernet port
DRY CONTACT PORT	Polarity insensitive, for triggering other devices
AUDIO ALERT	Audio alert message via loudspeaker
VISUAL ALERTS	LCD screen, mini-trackball illumination (red or blue)
TACTILE INPUTS	Compact, pushbutton trackball for versatile control
WEIGHT	Under 1lb. with omni-directional antenna (less than 2lb. (30 oz.) with directional antenna)
INTEGRAL ATTENUATOR	0 to 30 dB, user-selectable via soft menu
SENSITIVITY RANGE	-80 to -50 dBm, user-selectable via soft menu
DATA LOGGING	Optional PC software
FREQUENCY BANDS	Field-selectable via soft menu 3 different sets of international frequency bands (US and EU)
FREQUENCY IDENTIFICATION	Detects and displays cell phone uplink signal with a resolution of $\pm 2$ MHz

### \* Ask about our covert WatchHound models



WatchHound optional PC security software displays realtime network alerts and parameters from any WatchHound unit on the network.



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