# CELLPHONE DETECTOR
# TransitHound

## CELL PHONE DETECTION FOR DISTRACTED OPERATORS

- Ruggedized all-weather receiver
- Detect all types of cell phones
- Mounts anywhere discreetly

### PREVENT ACCIDENTS

- Trigger remote camera or DVR
- Time-stamped alerts
- Lower insurance & accident rates

### DETECT CELL PHONES

### AVERT DISASTER

- Receiver only detects cell phones
- Keep your operators in check
- Legal & much safer than RF jamming

Railway Trains  •  Mining Operations  •  Mass Transit  •  Heavy Machinery  •  Fleet Vehicles  •  Shipping Docks

+1 732-548-3737
www.bvsystems.com
sales@bvsystems.com

**Berkeley**
Varitronics Systems
*Wireless Detection*

# CELLPHONE DETECTOR
# TransitHound
## CELL PHONE DETECTION FOR DISTRACTED OPERATORS

**RF SPECIFICATIONS: TransitHound tunes all 3G/4G/5G non-mmWave bands**

## U.S. BANDS

**B71: 663-698 MHz**
**B12: 699-716 MHz**
**B13: 777-787 MHz**
**B26/B5: 814-849 MHz**
**B4/B66: 1710-1780 MHz**
**B25: 1850-1915 MHz**
**B30: 2305-2315 MHz**

## CANADIAN BANDS

**B12: 698-716 MHz**
**B13: 777-787 MHz**
**B5: 824-849 MHz**
**B4/B66: 1710-1780 MHz**
**B2: 1850-1910 MHz**
**B7: 2500-2570 MHz**

## INTERNATIONAL BANDS INCLUDE

EU
Australia
New Zealand
Israel
Sweden
Brazil
Japan
Canada
Taiwan

**APAC (700) 703-748 MHz**
**EUDD 832-862 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 selection including a custom set of bands

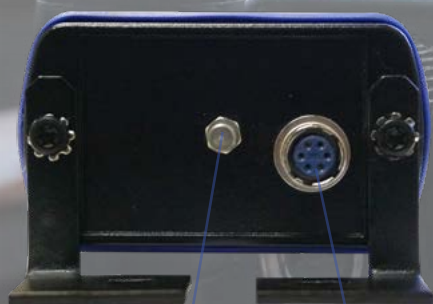| | |
|---|---|
| **RADIUS OF COVERAGE AREA** | 75 feet (~25 meters) under typical conditions |
| **DYNAMIC RANGE** | 60 dB |
| **SENSITIVITY** | -83 dBm |
| **DETECTOR RESOLUTION** | 2 dB |
| **BANDWIDTH RESOLUTION** | 4 MHz / 20 MHz |
| **SELECTIVITY REJECTION** | >50 dB @ 1 MHz from uplink band edges |
| **RECEIVING MODES** | High-speed scanning (uplink cellphone bands) |
| **ANTENNAS SUPPORTED** | Omni-directional (monopole antenna with external SMA connection) |
| **ELECTRICAL INTERFACES** | Serial RS-232 port (USB cable included), Dry Contact, DC Supply, Ground |
| **POWER SOURCE** | 10-50 VDC |
| **RESISTANCE** | Water, dust and shock resistant |
| **PHYSICAL CHARACTERISTICS** | Rugged 1/8" aluminum shell with rubber gasketing around end caps |
| **PHYSICAL WEIGHT** | 12 ounces |
| **PHYSICAL SIZE** | 5.5" x 2.25" x 1.25" (including mouting feet on each corner) |

Ground

Hirose connector
(supplies power, data & trigger)

SMA antenna connector

Power

Cellular detected

Railway Trains  •  Mining Operations  •  Mass Transit  •  Heavy Machinery  •  Fleet Vehicles  •  Shipping Docks