



TransitHound Cellphone Detector

Specifications are subject to change  Contact us for more information

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Product Introduction

The TransitHound cellphone Detector is a tool to prevent Truck drivers, Train drivers and others who operates large machinery from texting etc., while driving – thus making roads etc. insecure. The TransitHound detects cellphone activity and triggers remote camera and DVR to record the incident.

Technology Features

- Ruggedized all-weather receiver
- Detect all types of cell phones
- Mounts anywhere discreetly
- Trigger remote camera or DVR
- Time-stamped alerts
- Lower insurance & accident rates
- Receiver only detects cell phones
- Keep your operators in check
- Legal & much safer than RF jamming

General Specifications

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

System Functions

- 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
- RS-232 port using USB cable to set up and control the detection parameters as well as real time cell phone activity or to download recorded measurements to a PC for further analysis
- User selectable USA & International mobile uplink bands are supported
- Weighs less than 0,5 kg.
- Prevents accidents.

