WG WH Pro Mobile Phone Detector

Product Code: 2030–20

Key Features

 Bright Red LED Flashing alert

 Custom Audio Alerts

 Key Lock settings

 Microphone, Built–in Record Feature and Pre–recorded alert messages

 Wall Mount or Free Standing Option

 Sensitivity Levels set by Users

Overview

This Mobile Phone Detector is an ideal solution to deter individuals from using their mobile phones in restricted areas.

The detector works by detecting all nearby cell phone activity including voice, data and texting. It can scan all cellular, Wi–Fi, BT, BLE and even unmodulated 2.4 GHz and 5 GHz nearby RF. Once a mobile device is detected, the device alerts the area with a bright, flashing LED 'No cell phones' sign, and a loud custom audio message set by the facility.

It is self–contained and lockable, making it the ultimate wireless security guard, perfect for use in the military, government, border security and correctional facilities.

The WG WH Pro Mobile Phone Detector frees up security personnel for more pressing duties while reminding visitors that mobile phones are prohibited.

Features

LED Alert

Custom Audio Alerts

Microphone & Built–in Record Feature

Pre–recorded Audio Alerts

Sensitivity Level set by Users

Wall Mounted or Free Standing

WG WH Pro Mobile Phone Detector Specifications

Frequency Range	650 MHz to 3 GHz and 4.9 GHz to 5.9 GHz
CW Detection	Wi-Fi 2401-2495 MHz and 5180-5825 MHz Bluetooth & BLE 2402-2480 MHz
Demodulation (Dual-Band)	2.4 GHz Wi-Fi Channels: 1,2,3,4,5,6,7,8,9,10,11 (DUAL-BAND) 5 GHz Wi-Fi Channels: 36,40,44,48,52,56,60,64,100,104,108,112,116,120,124,128,132 136,140,149,153,157,161,165 Bluetooth Channels: 1-79 Bluetooth Low Energy Channels: 1-40
Maximum Coverage	125 Feet (up to 250 feet using optional DF antenna line of site)
Additional Detection Continuous Wave Receiver	BSSID, SSID, Device ID, WPA, WPA2, MAC, Channel/Band #
Dynamic Range	70 dB
Sensitivity	-90 dBm
Bandwidth Resolution	4 MHz, 20 MHz
Selectivity Rejection	Better than 40 dB
Receiving Modes	High-speed active scanning
Antennas Supported	(3) Removable omni-directional antennas (3) Removable DF direction finding antennas (one for cellular and one for Wi-Fi and BT)
Power Requirements	110 VAC via 19 VDC power converter and 12 VDC internal backup battery (charges from same AC power source)
Backup Battery Runtime	Up to 4 hours (depending upon amount of nearby wireless activity and alerts)
Display & Control	480 x 272 backlit colour TFT with a resistive touch screen
Unit Dimensions	17.4" x 20" x 4"
Weight	15 lbs
Ports	Dry contacts for external trigger of cameras, DVR and speakers USB for firmware upgrades (cannot be accessed without security key)
Alerts	12" x 12" color-coded visuals with adjustable brightness and flashing patterns
Sound	Voice alerts that profile each device with fully adjustable volume control
Included Accessories	(3) Omni-directional SMA antennas, power supply, wall mount, (2) keys for security lock
Optional Accessories	(3) Direction Finding antennas, stanchion mount