

YORKIE-PRO™

HANDHELD WIRELESS INTRUSION DETECTOR

COMPREHENSIVE CW + DEMODULATED WIRELESS DEVICE SURVEYS

EMBEDDED TOUCHSCREEN FOR QUICK NAVIGATION + INTUITIVE ALERTS

DIRECTION FINDING OF 3G/4G/5G* CELLULAR, Wi-Fi, BT, BLE DEVICES & TRACKERS

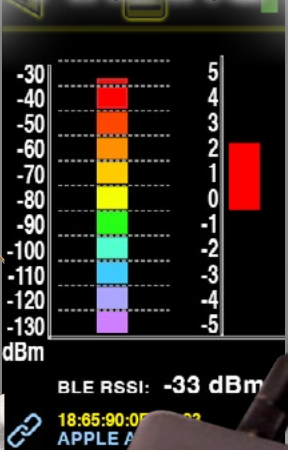
THRESHOLDS, FREQ ANALYSIS, WHITELISTING + DATA LOGGING FOR ADVANCED SECURITY

Dedicated direction finding hardware and software to locate rogue, hidden and unknown devices, GPS and personal trackers and more



Wideband Direction Finding
Antenna Included

DIRECTION FINDING

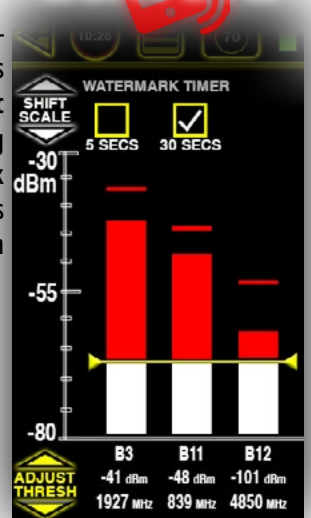


Detects unknown BLE personal trackers, GPS trackers and even malware cables containing Wi-Fi RF chips



Scan all unauthorized wireless PEDs (Personal Electronic Devices) including cellular devices, lock onto strongest signals and then view from strongest to weakest

CELLULAR SURVEYS

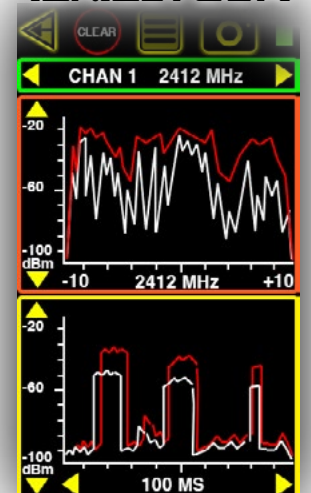


Wi-Fi, BT + BLE SURVEYS

MAC NAME	RSSI (dBm)
07:0A:34:F3:72:FB APPLE AIRTAG	-43
00:16:AD:8E:71:15 CHIPOLO	-69
18:00:DB:0D:A1:17 FITBIT FLEX	-78
00:16:AD:8E:71:15 APPLE WATCH	-79
18:65:90:0E:1B:23 GLX SMART TAG	-84
00:16:AD:8E:71:15 TILE TRACKER	-86
18:00:DB:0D:A1:17 FITBIT FLEX	-92
C0:CE:CD:E6:00:26 AIRPODS	-103

Bluetooth / BLE / 2.4 / 5 GHz
Wi-Fi AP discovery, measurement, whitelisting and direction finding including personal and GPS trackers

FREQUENCY ANALYZER



Measure frequency response to identify rogue wireless energy sources over time



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

*5G cellular includes all non-mmWave frequencies

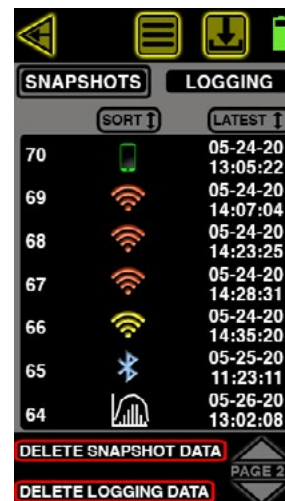
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HANDHELD WIRELESS INTRUSION DETECTOR

FREQUENCY RANGE	690 MHz to 2700 MHz and 4.9 GHz to 5.9 GHz
CW DETECTION	All U.S. and International Cellular Bands 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 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 Identifies AirTag®, SmartTag®, Chipolo®, Tile Trackers® and active GPS trackers
ADDITIONAL DETECTION	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 antennae (2) Removable DF direction finding antennae (one for cellular and one for Wi-Fi and BT)
POWER REQUIREMENTS	Internal built-in 5.0 Ah Li-Ion battery / external 12 VDC nominal
CHARGING	5 hours (from empty)
BATTERY RUNTIME	6 hours (typical use)
DISPLAY & CONTROL	272 x 480 backlit color TFT with a resistive touch screen
UNIT DIMENSIONS	7" x 4.5" x 2"
DOCK DIMENSIONS	6" x 4" x 3"
PORTS	Mini-USB for firmware updates to deliver new features
ALERTS	Vibration (toggleable) and visible (blue LED on top of unit)
SOUND	Audible feedback from touchscreen taps
INCLUDED ACCESSORIES	(3) Omni-directional SMA antenna, 12 VDC power adapter, charging dock, carrying case



Yorkie-Pro includes everything you need including, power supply, charging cradle, (3) omni antennas, DF antenna, wideband DF antenna, and cable kit all contained in a rugged Pelican® transport case.



Yorkie-Pro allows users to take time-stamped data snapshots of particular measurements or continuous logging of comprehensive measurement screens that can then be exported from the unit to Windows 7 OS and Windows 10 OS for further analysis.