

YORKIE-PRO™

WIRELESS INTRUSION DETECTOR

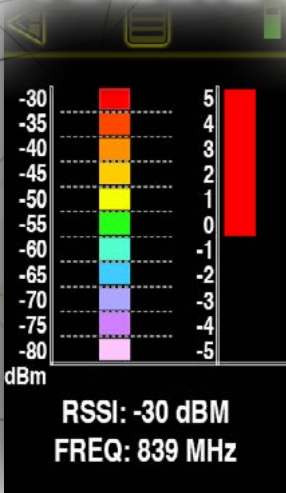
COMPREHENSIVE CW + DEMODULATED WIRELESS DEVICE OVERVIEW

EMBEDDED TOUCHSCREEN FOR QUICK NAVIGATION + INTUITIVE ALERTS

SENSITIVE DIRECTION FINDING OF ALL NEARBY CELLULAR, WI-FI, BT + BLE ACTIVITY

THRESHOLDS, FREQ ANALYSIS & WHITELISTING FOR ADVANCED TSCM FIELD STUDIES

DIRECTION FINDING



Dedicated direction finding hardware and software to locate rogue & hidden devices

CELLULAR SURVEYS

Scan all unauthorized cellular devices, lock onto strongest signals and then view from strongest to weakest



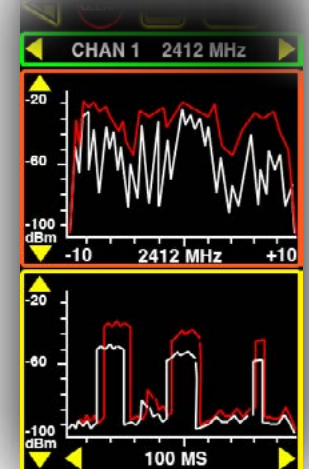
WI-FI, BT + BLE SURVEYS

MAC / SSID	RSSI (dBm)
18:65:90:0E:1B:23 WIFI ACCESS POINT	-43 120
C0:CE:CD:E6:00:26 IPHONE HOTSPOT	-69 10
18:00:DB:0D:A1:17 LINKSYS AP	-78 11
00:16:AD:8E:71:15	-79 6
18:65:90:0E:1B:23 OPTIMUM ACCESS	-84 3
C0:CE:CD:E6:00:26 LINKSYS ROUTER	-86 153
18:00:DB:0D:A1:17 NETWORK AP	-92 112
00:16:AD:8E:71:15	-103 44

WHITE LIST RESET WHITE LIST PAGE 10

Bluetooth / BLE + 2.4 / 5 GHz
Wi-Fi AP discovery, measurement and direction finding

FREQUENCY ANALYZER



Measure frequency response over time to identify rogue wireless energy sources

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



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WIRELESS INTRUSION DETECTOR

FREQUENCY RANGE	650 MHz to 3 GHz 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
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	3 hours (from ~ 50% typical capacity)
BATTERY RUNTIME	5-6 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
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

