

YORKIE™-PRO

WIRELESS INTRUSION DETECTOR

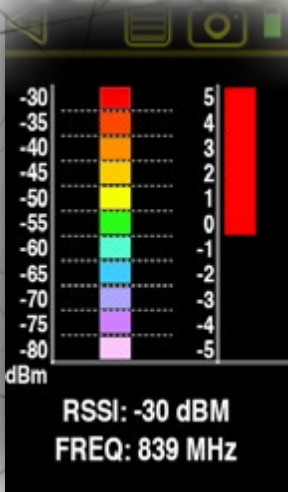
COMPREHENSIVE CW + DEMODULATED WIRELESS DEVICE OVERVIEW

EMBEDDED TOUCHSCREEN FOR QUICK NAVIGATION + INTUITIVE ALERTS

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

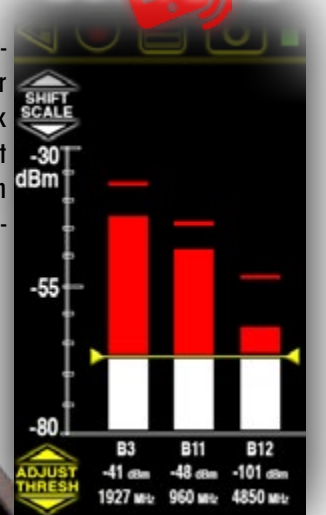
THRESHOLDS, FREQ ANALYSIS & WHITELISTING FOR ADVANCED TSCM FIELD STUDIES

DIRECTION FINDING



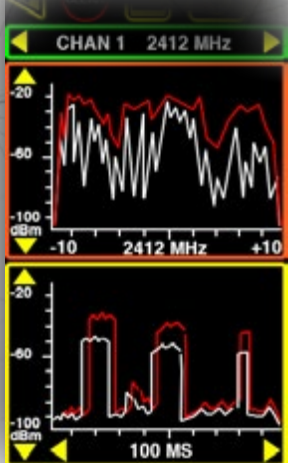
Dedicated direction finding hardware and software to locate rogue & hidden devices

CELLULAR SURVEYS



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

FREQUENCY ANALYZER



Measure frequency response over time to identify rogue wireless energy sources

WI-FI, BT + BLE SURVEYS

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

Buttons: WHITE LIST, RESET WHITE LIST, PAGE

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

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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

