YELLOWJACKET-ULTRA

Wi-Fi Security Analysis Tool

- Full Client & AP Analysis
- Advanced Wideband Direction Finding
- 2.4, 5.8 and 6 GHz Spectrum Analysis
- Active Ping "Wakes Up" All Nearby Devices for Scanning
- Charge-Only USB-C Port Preventing Data Exfiltration

GOVERNMENT BUILDINGS

CORRECTIONAL FACILITIES

SENSITIVE COMPARTMENTED INFORMATION FACILITY

TESTING FACILITIES

BOARD ROOMS

MEDICAL CENTERS

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Berkeley Varitronics Systems
Wireless Detection

YELLOWJACKET-ULTRA™

Wi-Fi Security Analysis Tool

SPECIFICATIONS:

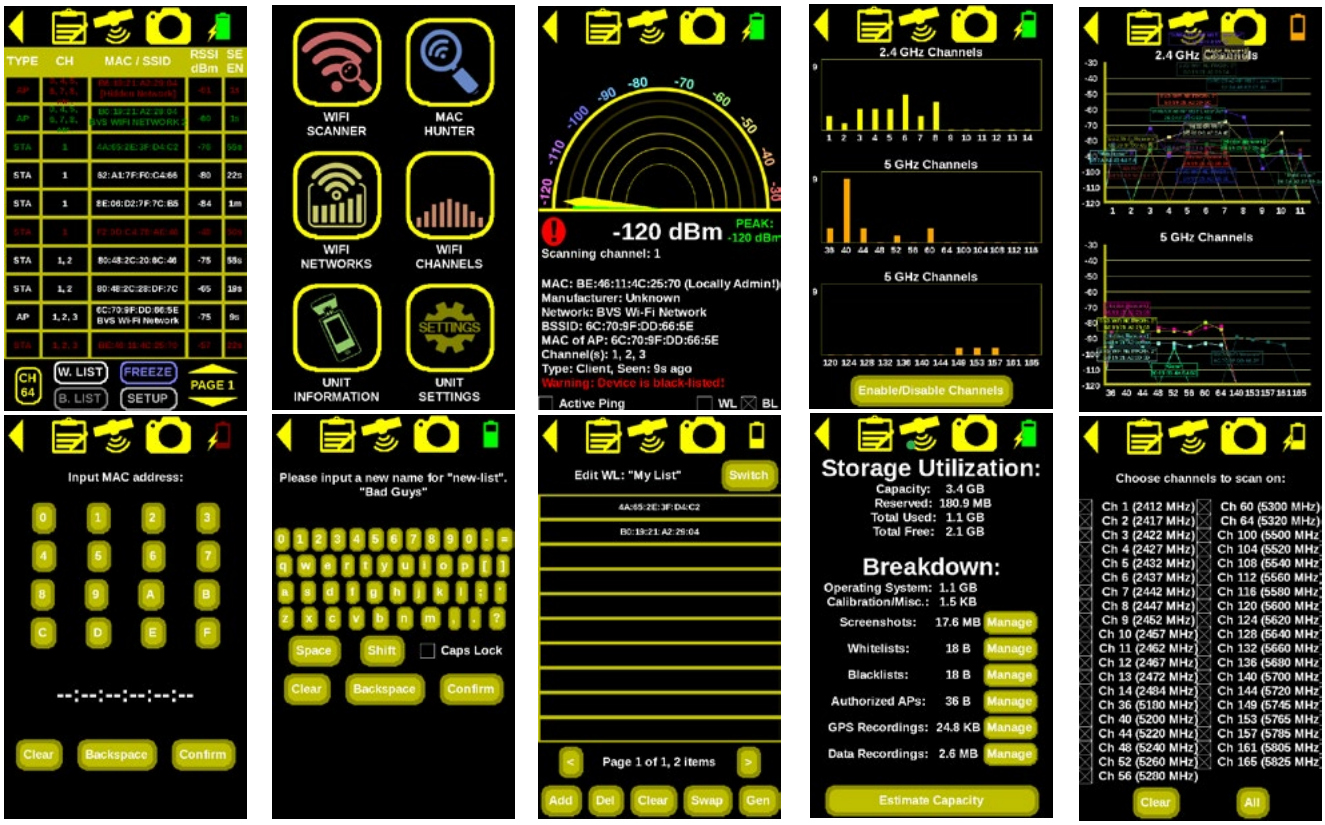
RF BANDS SUPPORTED	2.4-2.5, 5.8 and 6 GHz (802.11ax)
RF SENSITIVITY (Wide Band)	-20 to -90 dBm
CHANNELS SUPPORTED	(802.11b/g/n) 1,2,3,4,5,6,7,8,9,10,11 (802.11a/h/n) 36,40,44,48,52,56,60,64,149,153,157,161,165 (802.11ax) 1,5,9,13,17,21,25,29,33,37,41,45,49,53,57,61,65,69,73,77,81,85,89,93,97,101,105,109,113,117,121,125,129,133,137,141,145,149,153,157,161,165,169,173,177,181,185,189,193,197,201,205,209,213,217,221,225,229,233

STANDOUT FEATURES:

ACTIVE PING	Enables high resolution direction finding for both client devices and access points
DIRECTION FINDING	Integrated wideband directional antenna to pinpoint hidden Wi-Fi devices
DRONE DETECTION	Alerts users to nearby drone activity based upon the latest DHS and FAA lists
BANNED DEVICES	Alerts users to any detected wireless router or device on a restricted vendor or procurement ban list
HARDWARE DATA INTEGRITY	Data stored internally requires special software and to prevent exfiltration
HARDWARE DATA INTEGRITY[2]	Physical switch allows charging but disconnects USB-C port from any data transfer

GENERAL SPECIFICATIONS

DISPLAY / INTERFACE	480 x 800 pixel resistive touch screen
INTERNAL GPS RECEIVER	12-channel GPS receiver
INPUT CONNECTOR	SMA Female, 50 Ohm
POWER (INTERNAL)	Lithium Polymer-Ion
RUNTIME INTERNAL BATTERY	4-5 hours
RECHARGE TIME	< 5 hours
EXTERNAL POWER SUPPLY	USB-C fast charging power adapter
UNIT WEIGHT	3 lbs. (with DF antenna attached)
UNIT DIMENSIONS	3”H x 4”W x 10”L (water resistant, high impact ABS plastic case)
SHIPPING DIMENSIONS	20”H x 15”W x 6”L (51cm x 38cm x 15.24cm)
SHIPPING WEIGHT	12 lbs. (5.44 kg)



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