

COMING 2026

OSCOR®
MAX

PORTABLE SPECTRUM ANALYZER



Spectrum view with Signal List

**Detect and Locate
Electronic Transmitters
up to 43GHz.**

- Fully integrated auto-switching antenna panel, continuously sweeps/displays 10 kHz - 43 GHz
- WiFi device detection
- Bluetooth device detection
- SmartBars™
- Discrete Bands
- I&Q Data Recording
- Multi- Purpose Probe (Carrier-Current, IR, Visible Light, Ultrasonic, Coax)

Features

- 1100 GHz/sec at 10 kHz resolution
- 125 MHz IBW
- Weighs 10.4 lbs./4.7 kg
- Dual hot-swappable Li-ion batteries
- 13" Hi-res capacitive touchscreen

Product specifications and descriptions subject to change without notice. Packaging may vary depending on model purchased

REI®

PRODUCT SPECIFICATIONS

RF SYSTEM

Frequency: 10 kHz to 43 GHz

Sweep speed: 1100 GHz/sec (estimated)

IBW: 125 MHz

Preamp: 10 kHz-8 GHz: 15 dB

Attenuation: 0 dB, -10 dB, -20 dB, -30 dB

Dynamic Range: 90 dB

ANTENNA SYSTEM

Built-in auto switching antenna system (10 kHz – 43 GHz) capable of performing 125 antenna switches per second.

RF IN / IF OUT

Aux RF Inputs:

- 2.4 mm connector
- 2.92 mm Input [SMA compatible]

IF Output:

- SMA [375 MHz with 125 MHz BW]

AUDIO

Demodulation types: AM, FM

Built-in speakers

Headphone output

Audio input

I/Q Recording

OSCOR Max can record and store I/Q data

USER INTERFACE

13.3" Capacitive touchscreen display

Gigabit Ethernet port

STORAGE

2TB M.2 NVMe SSD

Micro SD Card Slot

USB 3 Type A Port

POWER SOURCES

Universal Supply: 100–240 VAC,

Removable Batteries: 2x Rechargeable Lithium ION

USB-C PD Charging

Runtime: 2.5 hours minimum

ACCESSORIES

Multi-Purpose Probe (MPP)

(MPP)

- IR
- Visible Light
- Ultrasonic
- Carrier Current
- Coax
- Magnetic Leakage



MECHANICAL

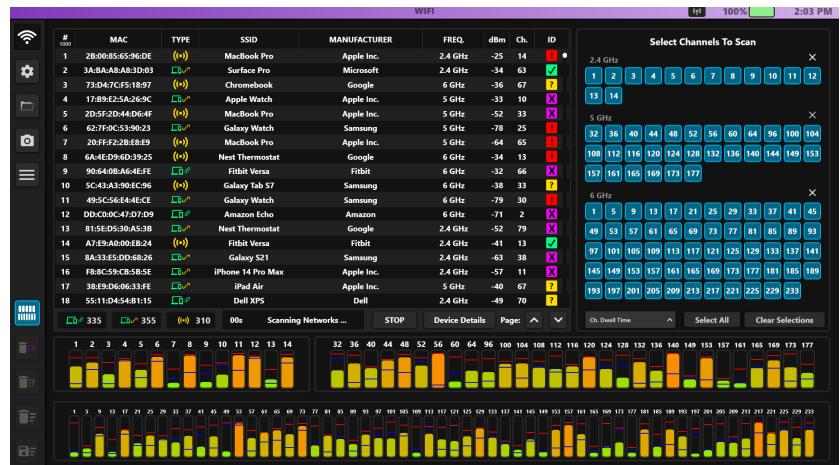
Dimensions:

Length: 16.2 in/411 mm

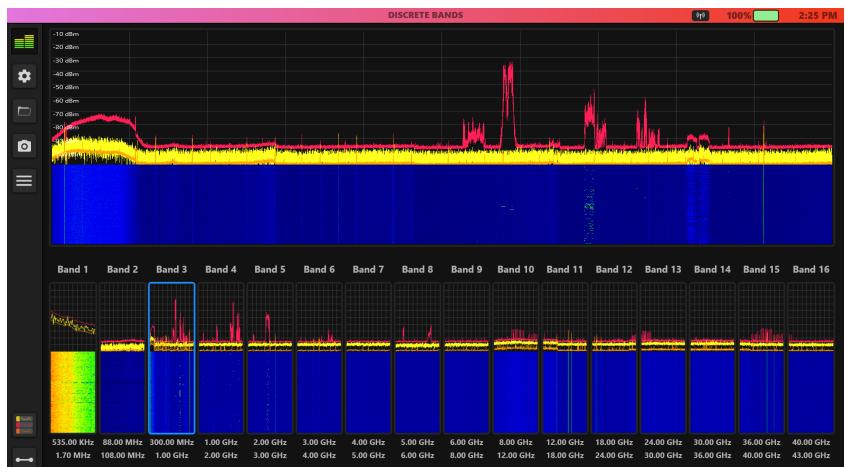
Width: 10.6 in/269 mm

Depth: 2.3 in /58 mm

Unit Weight w/batteries (2): 10.4 lbs/4.7 kg



WIFI and Bluetooth analysis.



Create multiple custom bands in Discrete Bands mode.

