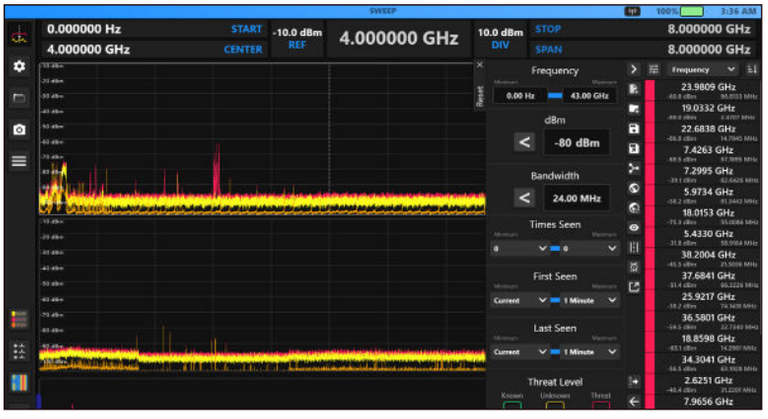
OSCOR® MAX

PORTABLE SPECTRUM ANALYZER



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- Pupose Probe (Carrier-Current, IR, Visible Light, Ultrasonic, Coax)



Spectrum view with Signal List

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.

+46 760 222 395 | info@cryptsec.se | www.cryptsec.se

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)
- 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

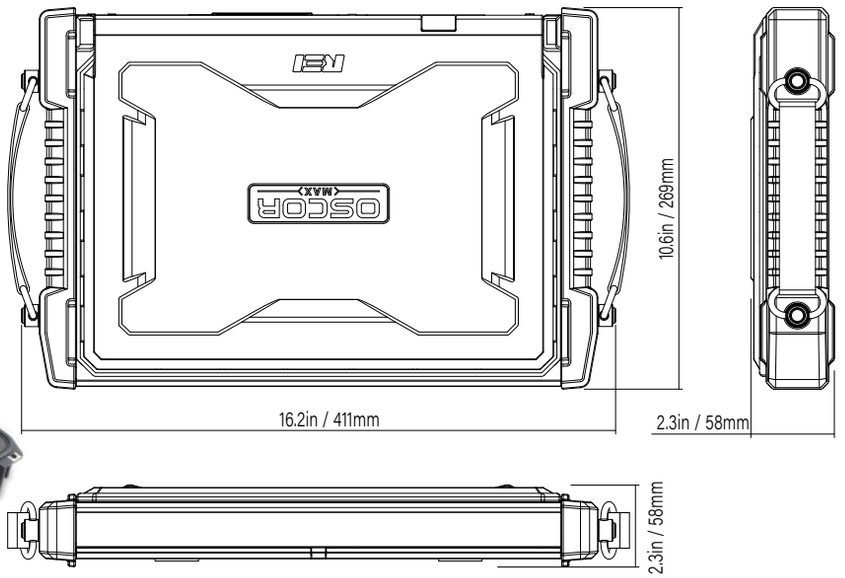


WIFI and Bluetooth analysis.



Create multiple custom bands in Discrete Bands mode.





CryptSec AB
Kuskvagen 6, 19162 Sollentuna
Stockholm, Sweden
TEL +46 760 222 395
info@cryptsec.se ? www.cryptsec.se

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