Spectrum Analyzers

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Features

PRODUCT DETAILS

Low-frequency support from 50KHz covering LF, MF, HF, VHF, and UHF

 High-frequency support covering all ranges up to 6.1GHz with no gaps. New HELP and SET buttons to improve user interface and PRESET configuration selection with 2-clicks

Internal LNA amplifier and selectable attenuator for additional power range handling.

- Ideal choice for all usable HAM bands.
- Pocket size and lightweight
- Solid metal case with high-quality varnished paint Spectrum Analyzer mode with Peak Max and Hold, Normal, Overwrite and Averaging modes
- High capacity internal Lithium battery for 10hs+ of continuous run, rechargeable by USB
- Multi-platform Windows/Linux/MacOS Open Source software and API libraries
- Description RF Explorer 6G COMBO+ is the most powerful Spectrum Analyzer model, covering the full 6GHz range starting at
- 50KHz up to 6.1GHz with no gaps or limitations. When compared to the standard 6G Combo model, the new SLIM design offers an outstanding robust enclosure with

a strong metallic body and shiny varnished paint, a more convenient USB connector on the side, and a larger internal battery capacity.

What is an RF Explorer Spectrum Analyzer? An RF Explorer Spectrum Analyzer is a special device designed to detect very sensitive signal radiation and identify

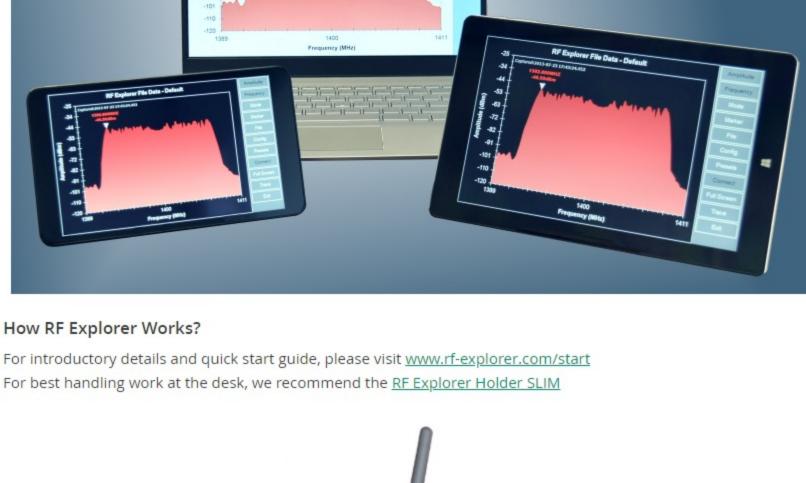
signal interference, tune antenna setups, detect signal leakage and find hidden bugs, among many other

applications. The combination of small size, great sensitivity, and robust design makes it the ideal instrument to carry on for

indoor and outdoor measurements.

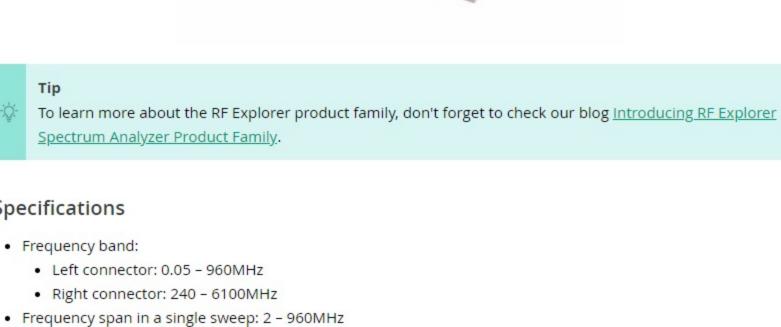
When connected to a computer, it can be controlled by free software available for download with stunning highresolution graphics, data storage, and reply features.

RF Explorer File Data - Default



Antenna Kit





Applications

EMC pre-testing

Part List

Tip

Specifications

Frequency band:

 Backlight for great visibility indoor Internal Lithium-Ion 1800mA/h rechargeable battery

Internal selectable LNA 25dB gain

 Standard SMA 50 ohms connectors Wideband 144/433MHz dual band telescopic antenna included

 Internal selectable Attenuators 30dB and 60dB Wifi Analyzer for the 2.4GHz and 5GHz bands

Graphics LCD 128x64 pixels, great visibility outdoors

- UHF 400-900MHz rubber duck articulated antenna included 2.4/5GHz dual-band antenna included Amplitude resolution: 0.5dBm
- Dynamic range: -125dBm to 10dBm Absolute Max input power: +30dBm Average noise level (typical LNA): -125dBm Frequency stability and accuracy (typical): +-1.0ppm
- Amplitude stability and accuracy (typical): +-3dBm Frequency resolution: 1Khz Resolution bandwidth (RBW): automatic 2.6Khz to 600Khz Support included for Windows, Linux and MacOS X
- RF Spectrum Analysis for FM, TV and DTV, ISM, RFID, GSM, 4G/5G, IoT, GPS, Bluetooth WiFi analysis and fine-tuning Interference hunting

 1 x UHF 400-900Mhz antenna • 1 x Dual band 5/2.4GHz antenna

- 1 x Spectrum Analyzer 1 x Mini USB cable 1 x Dual band 144/430MHz Telescopic antenna
- Compliance All RF Explorer models are complaint with FCC as well as CE regulations. All RF Explorer Wideband models have been certified under EN/IEC61236 and EN/IEC61000. All RF Explorer models are RoHS compliant

ECCN/HTS

UPC

CE

1 x EVA case

USHSCODE

9030401000 HSCODE

9030400000

RF device tuning (with Signal Generator working as Tracking SNA): Check this link for more details

LEARN AND DOCUMENTS

Documentations

[Attachment] Specifications [Attachment] Getting Started

[Attachment] Downloads

[Attachment] Software Options

[Attachment] Articles and FAQ Learn Wireless Project [Documentation] RF Explorer Articles and FAQ

RF Explorer This is a brief demo, simple display of RF Explorer for Windows tool working at 6GHz with a variable span up to 600MHz

available.

questions you might have!

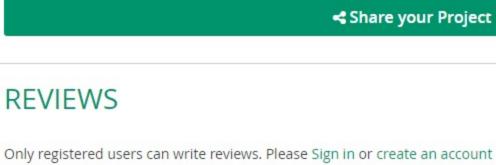
SHARED BY USERS

[Others] RF Explorer Facebook Page

[Documentation] Getting Started with RF Explorer Spectrum Analyzer

On this starting page, you can get everything you need to get your Spectrum Analyzer up

and running. All documents, software downloads, and firmware upgrade details are



🌟 🌟 🜟 🌟 Very handy little device

on the RF Explorer Facebook page.

price.

🌟 🌟 🌟 🌟 Tiny but sturdy Tiny but sturdy. It is not easy to keep the device straight up when connecting to PC so I bought the RF Explorer Holder together. Nothing to complain considering its high cost-performances.

The build quality was great and is easy to use if you have RF experience. I tested it few times and so far so well. The accuracy is reasonable for simple measurements. A great little device

Company

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x.factory in Shenzhen

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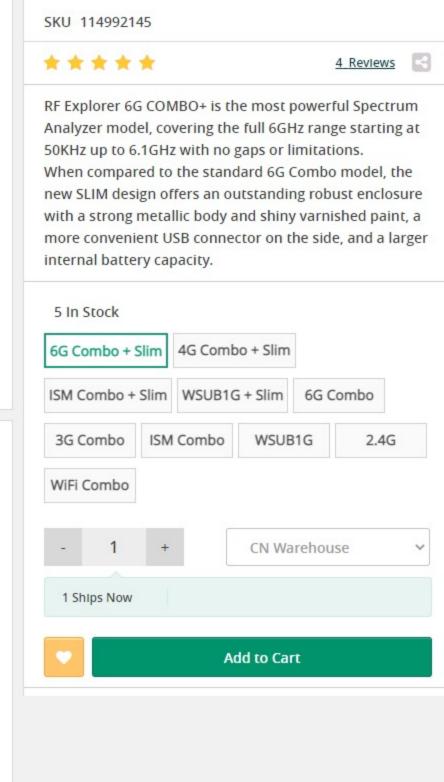
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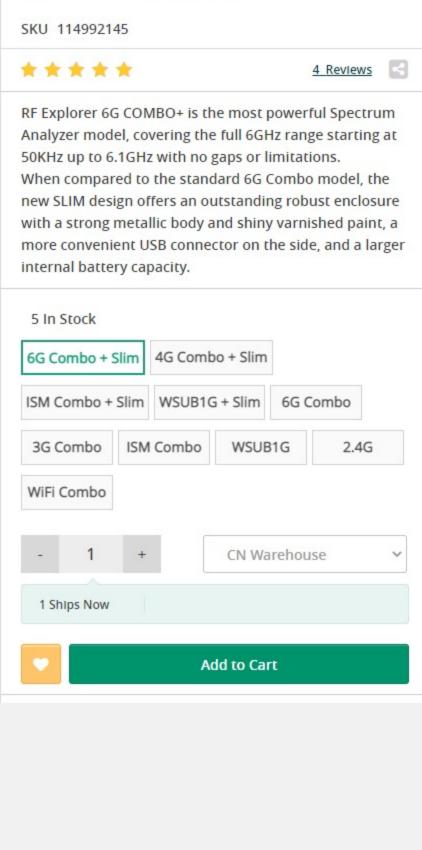
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RF Explorer 6G Combo PLUS - Slim



[Documentation] Full comparison of RF Explorer: Find the Right RF Explorer for Your The official introduction of all RF Explorer models. A Comparison chart is also included. Official articles and FAQ collection. Our RF specialist have prepared the answer for all

This blog talks about what is an RF Explorer Spectrum Analyzer, the RF Explorer Spectrum Analyzer Product Family, and a comparison of different models. [Others] RF Explorer Youtube Channel You can find helpful videos on this youtube channel to get started with your RF Explorer!

[Blog] Introducing RF Explorer Spectrum Analyzer Product Family

[Project] RF Explorer 6G widespan 600MHz demo

Share your Project

The official Facebook Page of RF Explorer. You can stay up to date with the guides posting

Find this little device handy and useful as a wireless engineer. I no longer need to carry my laptop while walking around! Considering buying the WSUB1G version as well.

★ ★ ★ ★ Nice unit for this price. It provides high quality spectrum info especially considering its price. The only shortage is the tiny screen. (You can also connect it to a PC so you can have better view, but in that case I will advice you buy a holder as well). Nice unit for this

By takkei 9/18/20

By Robert 9/21/20

By Eric2014 9/18/20

By David Bessler 9/17/20

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