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INDUSTRIAL PRODUCT DATASHEET

RF Explorer - 915M

Compact 915 MHz spectrum analyzer with -115 dBm to 0 dBm dynamic range and integrated signal generator.

SKU	UPDATED	PRICE
109990020	2024-08-09 02:12:56	$99.00(Excl. VAT)



Overview



The RF Explorer - 915M is a handheld digital spectrum analyzer covering 910–920 MHz with a dynamic range of -115 dBm to 0 dBm and an integrated RF signal generator. It features a solid aluminum case, 16+ hour battery life, USB PC connectivity, and open-source software for flexible field analysis.

Key Features

This product was replaced by a updated version RF Explorer - 915M V2.0.

RF Explorer - 915M V2.0

RF Explorer is a handheld digital spectrum analyzer, aimed to provide a very affordable tool for work in all ISM popular frequency bands. It is based on a highly integrated frequency synthesizer which offers high performance, compact size, low consumption and low cost.

It has been designed to be used outdoor and indoor, and works nice with a PC connected for extra functionality using standard mini-USB 2.0 connector.

We also prepared a nice EVA case for RF Explorer, check it out **here**

MODEL: 915M

Feature

- Pocket size and light weight
- Solid aluminum metal case
- Spectrum Analyzer mode with Peak Max and Hold, Normal, Overwrite and Averaging modes
- Integrated RF Signal Generator
- Lifetime free firmware upgrades available, open to community requested features
- High capacity Lipo for 16hs+ of continuous run, rechargeable by USB
- Windows PC client Open Source
- Can be extended with internal Expansion Modules for additional band and functionality

Specification

- Frequency band: 910-920 MHz (enhanced to 900-930 MHz if an Expansion Module is connected)
- Frequency span: 112 KHz-10 MHz(enhanced to 30 MHz if an Expansion Module is connected)
- Graphics LCD 128x64 pixels, great visibility outdoors
- PC Windows client supports Windows XP/Vista/Win7 both 32 and 64bits
- Backlight for great indoor visibility
- Standard SMA 50 ohms connector, a matching antenna is included
- Amplitude resolution: 0.5dBm
- Dynamic range: -115dBm to 0dBm
- Absolute Max input power: +5dBm
- Average noise level (typical): -110dBm
- RF Generator amplitude: 0dBm to 20dBm
- Frequency stability and accuracy (typical): +-10ppm
- Amplitude stability and accuracy (typical): +-3dBm
- Frequency resolution: 1Khz

- Resolution bandwidth (RBW): automatic 2.6Khz to 80Khz
- Weight: 185g
- Size: 113x70x25 mm
- RF Explorer handling care suggested link: **http://www.rf-explorer.com/care**

For more information, please visit here.

If you encounter any problems when using this product, please contact rfexplorer(at)arocholl.com for the technical support.

If you'd like to buy or change the RF Explorer Battery, please click here.

Product Gallery







Part List

RF Explorer - 915M	1

Resource Links

- https://www.seeedstudio.com/RF-Explorer-915M-p-783.html

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