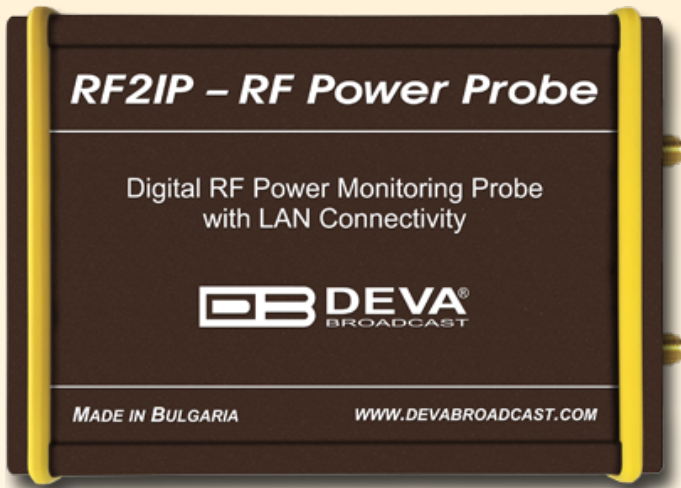


**DIGITAL RF POWER MONITORING PROBE WITH LAN CONNECTIVITY**

The RF2IP Digital Power Probe is the most cost effective solution on the market for easy monitoring of Forward and Reflected RF Power in a typical directional coupler and combiners installation.

The very high measurement precision and a dynamic range of more than 50dB make this probe the best choice for remote transmission systems measurements. It has been developed for a precise measurement of analog and True Average power for digitally modulated signals.

Top product performance is achieved thanks to the LAN port for full TCP/IP remote control and monitoring, advanced SNMP Ver.2C management and the extremely intuitive embedded WEB server for interactive supervision. It is powered through the LAN cable via PoE (Power over Ethernet) and all calibrations and additional adjustments are performed remotely.

The RF2IP Digital Power Probe comes with easy and flexible real-time monitoring and many other additional features, such as the Factory Parameters Restore option, FTP Server for downloading the measurements log, SNTP for automatic synchronization of the built-in clock, as well as date and time settings in various formats. It supports a variety of transmitter configurations and offers adjustable alarm thresholds for all important parameters. Alarms can be dispatched via E-mail, SNMP Ver.2C and Optically isolated GPO.

Combined with a compact and robust aluminum case, this powerful product delivers dependable round-the-clock operation with guaranteed quality.

RF2IP Digital RF Power Probe is an SNMP V.2 enabled telemetry tool all in a class of its own.

**FEATURES**

- Adjustable MIN/MAX alarms for FWD Power, RFL Power and VSWR
- Very Intuitive Embedded WEB server for interactive supervision
- Adjustable MIN/MAX alarms for Return-Loss and Crest Factor
- Compact and Robust Aluminum Case for high RF immunity
- SNTP for automatic synchronization of the built-in clock
- Dual RF Power ports with built-in precise power sensors
- LAN port for full TCP/IP remote control and monitoring
- Easy Installation and Setup
- Alarm dispatch via E-mail, SNMP and GPO
- Firmware update for future-proof operation
- Proved and reliable hardware for 24/7/365 operating
- IP-based broadcast control for exceptional scalability
- Advanced monitoring and full control by SNMP Ver.2C
- Attractive price and very good price-performance ratio

## SPECIFICATIONS

### User Interface

WEB interface	Full monitoring and control; Interactive and easy to use
Indicators	2 LEDs on LAN connector

### Communication Interfaces

Ethernet	10/100 Base-T; RJ45 connector
Protocols	HTTP, SNMP, SMTP, FTP, DHCP

### Network

Connector	RJ-45
Type	Ethernet
Device discovery	UPnP support

### Other

GPO	3 outputs, Open Collector type
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### Measurement Storage

Storage	8GB Build-in Memory Card
Data format	Text, CSV

### Metering Accuracy

RF Level	±2%
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### Size and Weight

Dimensions (W;H;D)	86 x 25 x 125 mm
Shipping Weight	230 x 70 x 172 mm / 0.533 kg
HS Code	8527212000

### FWD Power Input

Connector	BNC on rear panel
Impedance	50 Ω
Frequency Ranges	FM (87 - 108MHz); DAB/DAB+ (170 - 242MHz); UHF/DVB/DVB-T2 (470 - 860MHz)
Sensitivity	-50dBm to +10dBm
Readings units	dBm, W or KW (selectable)

### Refelcted Power

Connector	BNC on rear panel
Impedance	50 Ω
Frequency Ranges	FM (87 - 108MHz); DAB/DAB+ (170 - 242MHz); UHF/DVB/DVB-T2 (470 - 860MHz)
Sensitivity	-50dBm to +10dBm
Readings units	dBm, W or KW (selectable)

### Operating conditions

Equipment operational between	-10° and 50°C
Humidity	<75%, non-condensing
EMC immunity	6V/m

### Power Requirement

Power supply	PoE Switch (Not Included) or 48V/0.3A via PoE power injector.
Power consumption	10VA
Connector	RJ45/LAN



WE NEVER SPARE EFFORTS AND RESOURCES TO TURN OUR IDEAS INTO SUCCESSFUL PRODUCTS