



# RF Power Monitor Quick Start

## 1. Unpacking

Check that all these accessories are present:

- 1 power supply cable
- 1 straight ethernet cable
- 1 quick start notice

## 2. Connecting to the embedded Web site



1. Connect the Ethernet cable between the RJ45 and the network..
2. Open a Web browser (Mozilla ,Internet Explorer, ...) and enter the encoder's IP address ( Default: **192.168.2.3**) you just set in the previous step. Log in with the default username and password (**admin/admin**). The home page of the embedded web site is displayed:

\* RF POWER MONITOR \* 192.168.2.3 \*

IP Config	Config	Status	Restart	Update
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**RF POWER**

CONFIG

Calculator

Log Out

### IP Configuration

IP Settings | Time and Remote Config | SNMP | E-mail | System

IP Configuration			
IP:	<input type="text" value="192.168.2.3"/>	DHCP:	<input type="text" value="Disabled"/>
Subnet mask:	<input type="text" value="255.255.255.0"/>	DNS:	<input type="text" value="8.8.8.8"/>
Default gateway:	<input type="text" value="192.168.2.1"/>	DNS by DHCP:	<input type="text" value="Enabled"/>
WEB Configuration			
Web server:	<input type="text" value="Enabled"/>	Web server filter:	<input type="text" value="0.0.0.0"/>
Web server port:	<input type="text" value="80"/>		
Username:	<input type="text" value="admin"/>	Guest Username:	<input type="text" value="guest"/>
Password:	<input type="password" value="....."/>	Guest Password:	<input type="password" value="....."/>
<input type="button" value="Save"/>			

**NOTE:** Your computer should have IP address which is in the same network.

### 3. Configuring the RF settings

- On the embedded web site home page, click “**CONFIG > Config > RF PORT 1**”:

IP Config	<b>Config</b>	Outputs				
RF POWER	<b>Config</b>					
<b>CONFIG</b>	Common   <b>1. RF PORT</b>					
Calculator	NOTE: For accurate measurement, please, calibrate the RF probes					
Log Out	<b>1. RF PORT</b>					
	Monitoring:	ON ▾				
	Name:	RF PORT				
	Forward probe S/N:	11111	Reflected probe S/N:	11111		
	Forward attenuation:	0.00 dB at 100MHz	Reflected attenuation:	0.00 dB at 100MHz		
	Forward offset:	0.00 dB	Reflected offset:	0.00 dB		
	<input type="button" value="Save"/>					
	<b>Alarms configuration</b>		<b>Enable</b>	<b>Warnings configuration</b>		<b>Enable</b>
	Min forward:	0 W	<input type="checkbox"/>	Min forward:	0 W	<input type="checkbox"/>
	Max forward:	0 W	<input type="checkbox"/>	Max forward:	0 W	<input type="checkbox"/>
	Max reflected:	0 W	<input type="checkbox"/>	Max reflected:	0 W	<input type="checkbox"/>
	Min return loss:	0.0 dB	<input type="checkbox"/>	Min return loss:	0.0 dB	<input type="checkbox"/>
	Max VSWR:	0.00	<input type="checkbox"/>	Max VSWR:	0.00	<input type="checkbox"/>
	<input type="button" value="Save"/>		<input type="button" value="Save"/>			
	<b>Power Calibration</b>					
	Forward expected power:	100 W				
	<input type="button" value="Calibrate"/>					
	NOTE: Calibrates forward and reflected offset depending on the expected and measured forward wave.					

- For accurate measurements, the RF probes have to be calibrated first:
- The following steps must be performed for every **RF PORT** accordingly.
  - First, connect each forward and reflected power probe into the RF Power Monitor respectively.
  - After each forward and reflected power probe has been connected accordingly, each of their **serial numbers** must be inputted in the **Forward probe S/N** and **Reflected probe S/N** respectively.
  - Next, the **Forward** and **Reflected attenuation** must be input, depending on the length of RF cable and connectors used to connect to the RF Probes.
  - Save** the changes you've made
  - Finally, after step a, b, c and d are completed, the **Power Calibration** submenu will appear. You need to input the power in watts that the forward probe is expected to measure.
- Click the “**Calibrate**” button to calculate and set the Forward and Reflected offsets.

**Please check the user manual for more information on how to communicate with your device and how to configure it.**