

MODEL NUMBER:
RFPM1G-1000

**DIGITAL
POWER METER**



INSTANTANEOUS & SIMULTANEOUS

- Local and/or Remote Monitoring
- Forward Power Reading/Monitoring (Watts or dBm)
- Reverse Power Reading/Monitoring (Watts or dBm)
- VSWR Readings (Watts, Return Loss, Rho)

VSWR ALARM

- Customer can set up audio/visual alarm via relay contacts.
- Signal sent to closed loop.

TEMPERATURE MONITORING (WITH ALARM)

- One sensor, internal measurement, within Power Meter.
- One sensor, external measurement, to be placed by customer.

GENERAL PURPOSE INPUTS (6 EA) MULTIPLE USE

- Track switch closures (assign to interlock group).
- Trigger alarm relay (sends email alert).
- RF presence status/alarm (safety feature).
- Alarm, activated switch.

ACCESSORIES:

- Single Channel and Multi-Channel Displays
- RF Digital Dashboard Spreadsheet Software, (Simultaneously Monitor Outputs of 30+ Power Meters)
- PC Based Graphical User Interface Windows XP/7/8/10 Compatible.

ELECTRICAL SPECIFICATIONS:

Frequency	20 - 1000 MHz
Power	1000 W CW

MECHANICAL SPECIFICATIONS:

Type	Connectorized
Operating Temperature	-55°C to +75°C
Storage Temperature	-60°C to +85°C

ACCURACY:

- $\pm 2\%$ to Customer Calibration Standard, at preselected frequencies.
- $\pm 5\%$ over a Multi-Octave Bandwidth
- Traceable to (NIST) National Institute of Standards and Technology

POWER:

- AC Power Adapter (100/240 50-60 Hertz V AC)
- POE (Passive Over Ethernet, Optional POE Injector Kit Available)
- Via RS485 (Via Single Channel or Multi-Channel Displays)

INTERFACE (VIA):

- TCP/IP - SNMP and Browser Interface via Local Area Network
- RS232, Serial
- RS485 - Form Addressable Serial Network
- User ID and Password Protected for Access and Control
- Multiple units can be Networked and Simultaneously Monitored On-Site or Remotely (TCP/IP/SNMP/Serial)

CONNECTOR CONFIGURATIONS:

Model	Input(J1)	Output(J2)
RFPM1G-1000	N Female	N Female

OUTLINE DRAWING

