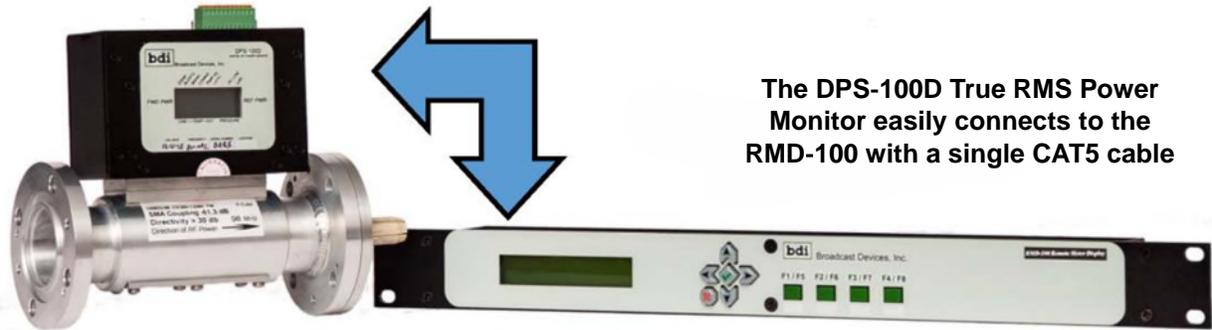# RMD-100 Remote Display

Remote Display for DPS-100D True RMS Power Measurement System

bdi

The DPS-100D True RMS Power Monitor easily connects to the RMD-100 with a single CAT5 cable

RMD-100 Remote Meter Display

Product Description

The RMD-100 Remote Display Panel is a one-rack-unit backlit LCD display panel designed to interface directly with all BDI DPS-100D series True RMS Power Monitors. The unit displays forward and reflected power, internal line temperature, external temperature, and transmission line pressure. The unit can also reset faults generated by the DPS-100D. Indication of fault and Interlock open are displayed as well. The unit has provision for 2 relays that provide alarm and Interlock status for remote control connections. The RMD-100 is part of the ever-growing family of RF Support Products from Broadcast Devices, Inc. Call us today for more information about the RMD-100 or any of the products that we offer to monitor and protect your RF site assets.

Technical Specifications — RMD-100

Display:	Two (2) Line, Twenty (20) Character Backlit LCD Display
Indications:	Forward and Reflected Power in Watts/KW, Internal Line temperature/External temperature, requires optional TMP-100 Sensor, in Fahrenheit, and transmission line pressure, requires optional PSW-100-5 Sensor in PSI
Control:	Fault Reset
Connection to DPS?100D:	Single CAT 5E cable. a 25-foot (7.6-meter) cable supplied
External Relay Connection:	DB25 Female Connector-mating connector/ hood supplied
Status Output:	Two (2) Form C Contact Relays for Alarm and Interlock Status
Electrical Requirements:	12 VDC @ 500 mA - Can phantom power one DPS-100D Power meter - Power Pack supplied.
Environmental:	0-60 degrees C, non-condensing atmosphere
Power Requirements:	100 to 240 VAC 50/60 Hertz @ 0.5 ampere
Operating Ambient Temperature:	32 to 122 degrees, F (0 to 50 degrees, C)
Humidity:	95%, Non-condensing
Mechanical Dimensions:	19 in W x 2.25 in D x 1.75 in H (483 mm W x 57 mm D x 44 mm H) Standard One (1) EIA Rack Unit Enclosure with Four (4) Mounting Holes
Shipping Dimensions:	22 in W x 14 in D x 7 in H (559 mm W x 356 mm D x 178 mm H)
Shipping Weight:	5 lbs. (2 kg)

Ordering Information

Part Number	Description
RMD-100	Remote Meter Panel for one (1) DPS-100D Series Power Meter, one (1) Rack Unit Panel for use with all DPS-100D power meters.
RMD-100-2	Remote Meter Panel for two (2) DPS-100D Series Power Meters, one (1) Rack Unit Panel for use with all DPS-100D power meters.

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