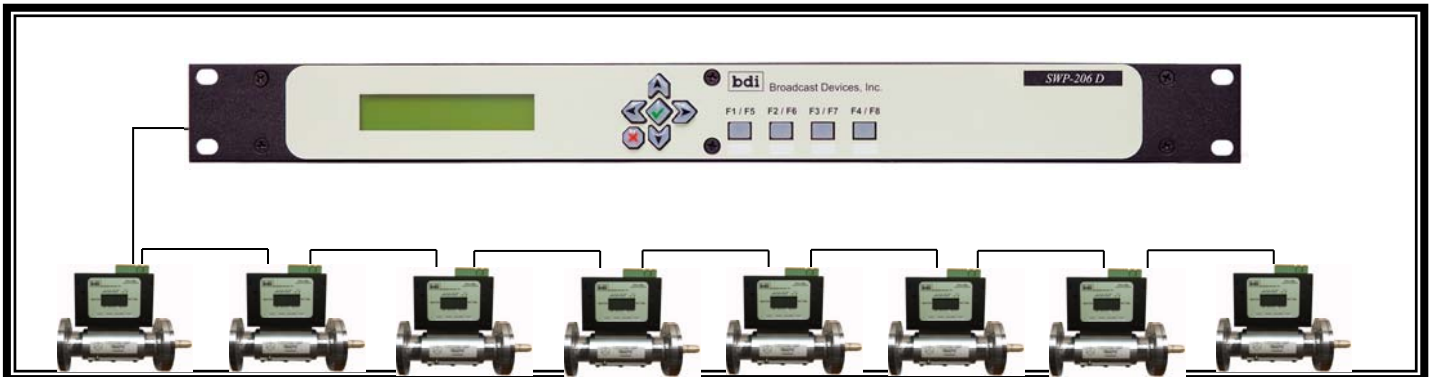


# SWP-206 Digi-Monitor

8 Channel Power Monitor / VSWR Protection System With SNMP



The SWP-206 Digi Monitor was developed by BDI to display data from up to 8 BDI DPS-100D True RMS Digital Power Sensors in a single rack unit display. The SWP-206 can measure up to 8 directional coupler forward/reflected outputs simultaneously providing interlock control to safeguard against damage caused by high reflected power. The SWP-206 *accurately* displays forward/reflected power, temperature and line pressure measurements can be performed by the addition of optional BDI TMP-100 temperature and PSW-100 pressure sensors connected to accompanying DPS-100D True RMS power sensor systems. Simple RS-485 serial connection via standard Category 5/6 cabling is used to connect the various DPS-100D power sensors to the SWP-206 chassis. The SWP-206 provides D.C. power for up to 8—DPS-100D sensors. SWP-206 systems are offered as complete systems with *CALIBRATED RF Watt meters*. There is nothing else to buy to accurately monitor digital TV, FM, IBOC or DAB antenna/combiner system.



- Local/Remote display of all critical parameters through a single Internet connection
- Supports SNMPv2 for interface to SNMP based remote controls and software
- Supports up to 8 DPS-100D Calibrated RF Power Meters
- Simple Plug and Play Connections via a Standard STP CAT 5 Cable
- Monitor all critical RF parameters of any master antenna system
- Accurate broad-band multi carrier RF power measurement
- Proprietary 3 Strike reflected power protection algorithm
- Programmable interlock suitable for broad-band and narrow band 3 strike conditions
- Programmable Interlock Control for broad band and narrow band fault events—for use in RF combiner systems



# Technical Specifications

|  |  |
|--|--|
| Number of RF Monitor Channels Supported: | Up to 8—Forward/reflected power, temperature, line pressure  |
| Number of Interlock Relays Available:    | 8—Form C Relays - contact rating: 2A. @ 120VAC/2A 24<br>Relays can be programmed for broad band /narrow band faults to provide station specific interlock protection |
| Remote Control/Status:                   | GPIO Status of Interlock, Fault, Fault Reset, RS232 Status, TCP/IP—SNMPv2 Agent  |
| Electrical Requirements:                 | 100-240 VAC 50-60 Hertz @ 2A. EIC Power Entry Cord   |
| Physical Specifications:                 | 19" W X 10" D X 1.75" H—Standard EIA Rack Enclosure Mount  |
| Environmental Requirements:              | 0-55 degrees C non condensing atmosphere   |
| Shipping Carton Dimensions/Weight        | 22" L X 14" W X 7" H, 15 lbs.  |

