

NEW "WEB WATTCHMAN" MONITOR/ALARM NEW
For Analog and Digital Broadcasting

MODEL 81096

The Model 81096 is the latest in a series of Internet/Intranet accessible Wattchman[®] Wattmeter/Alarm systems that will monitor both forward and reflected power in two transmission lines with only one controller. Unlike most systems that needed one controller for each transmission line, the Web Wattchman[®] will monitor two lines (4 ports). The front panel display shows power on both systems simultaneously. Operating conditions may also be displayed on a PC from any location on the Internet/Intranet.

The Model 81096 is designed to work with a series of specialized line sections from 7/8" to 6-1/8" and Coaxial Dynamics elements for either analog or digital applications. Elements are available from 1 W to 250 kW and from 2 MHz to 1800 MHz.

A typical system normally consists of a Web Wattchman[®] controller and a dual socket line section with the appropriate elements for each transmission line to be monitored. Each line section comes with a 10-foot telecommunications style cable to interface with the 81096. No additional power supply or cabling is required at the line section other than an RF source and load.

Abnormal load conditions quickly cause an alarm. Each transmission line may have entirely different power levels and frequencies since those parameters are determined by the elements. Different alarm/shutdown requirements can be set for each transmission line.

By accessing the controller through the RJ-45 connector on the rear panel, alarm levels and power ranges for the elements can be set.

Three sets of interlock terminals are available on the rear panel. One set of terminals will be activated with any fault; the other two sets are for each individual system. An audio alarm will sound for any fault conditions.



- Protects Your Transmitter System
- Bright Fluorescent Display
- Continuous Display for Two Systems
- Remote Display and Control
- Audio and Visual Display of Faults
- Two Year Limited Warranty

Specifications

Power Range:	1 W to 250 kW
Frequency Range:	2 MHz to 1800 MHz
Modulation Type:	Analog Elements (FM, CW) Digital Elements (HDTV, DTV, CDMA, IBOC, etc.)
Accuracy:	+/- 5% of full scale
Alarm Sets:	Master alarm plus one alarm for each system
Terminals:	3 sets of dry contacts (Common, NO and NC)
Power Requirements:	115/230 VAC, 50/60 Hz
Nominal Size:	1-3/4" H x 19" W x 7" D – 1U Rack Mount (4.4 cm x 48.3 cm x 17.8 cm)
Weight:	6 lbs (2.7 kg)
Available Line Sections:	88535D = EIA Flange; 88539D = Unflanged Flush; 7/8" Dual Socket 88539-2D = Unflanged Recessed 88514D = EIA Flange; 88515D = Unflanged Flush; 1-5/8" Dual Socket 88515-2D = Unflanged Recessed 88516D = EIA Flange; 88517D = Unflanged Flush; 3-1/8" Dual Socket 88517-2D = Unflanged Recessed 88518D = EIA Flange; 88519D = Unflanged Flush; 4-1/16" Dual Socket 88519-2D = Unflanged Recessed 88520D = EIA Flange; 88521D = Unflanged Flush; 6-1/8" Dual Socket 88521-2D = Unflanged Recessed
Optional Cable Lengths:	88932 = 25 Foot; 88933 = 50 Foot; 88934 = 100 Foot; 88935 = 200 Foot