

SECURITY PRODUCTS — Video Monitor & Lighting Protection

Portable Daylight Viewing Monitor

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This spectacular portable Daylight Viewing Monitor VP-TLM02511 is lightweight and compact. The monitor can be handheld or fastened to your arm with the included carrying case so you can check your video at the camera site and make adjustments. This portable daylight viewing monitor operates on 6 AA batteries or an AC power adapter.



VP-TLM02511
Includes carrying case with arm strap, shoulder strap, and hood.

Features

- Compact, lightweight and portable design
- Monitor can be hand held or fastened to your arm with carrying case
- Operates on 6 AA batteries or AC power adapter
- BNC video input and loop-thru BNC output
- One time camera adjustment
- Daylight viewing for outdoor application

Type	TFT LCD
Screen Size	2.45 inch (Diagonal)
Viewable Size	49.2mm (H) x 38.142mm (V)
Dot Pitch	0.1025(W) x 0.163(H)
View Angle (H/V)	90°/10 °(T), 30 °(B)
Contrast Ratio	150:1
Brightness	350cd/m ² (Typical)
Resolution	480 x 234
Display Colors	NA
Control Key Define	Brightness, Color
Input-Voltage	9VDC or battery (6 "AA")
Consumption	2W
Input	1 composite BNC Level: 1.0Vp-p / 75Ω
Output	1 BNC connector for CVBS loop-through output
Adjustment	Video Control: Brightness, Color
System Compatibility	NTSC : 15750Hz ± 500Hz / 60Hz
Accessory	Carrying Case (included)
Additional Benefit	Daylight Viewable

CCTV Coaxial Lightning Protection

CCTV Coaxial Lightning

This unique 3-stage coax lightning protector offers the most advanced protection we've ever seen. When lightning strikes coaxial cable, tremendous voltage surges can travel up or down the cable. It is recommended that one unit be placed at the camera end of each coax, and another be placed at the other end of the coax to protect your connected equipment (monitor, switcher, or VCR). Female BNC connectors on either side of unit for easy in-line hook-up.

PW-CCTVBNCV



PW-CCTVBNCV
2 female BNCs for easy in-line hook-up

SPECIFICATIONS

Max. Operating Voltage:	7.5 volts
Max. Insertion Loss:	<1dB
Max. Surge Current (8x20uS):	500Amps Total
Max. Surge Voltage (1.2x50uS):	6,000Volts
Clamping Voltage:	7.5Volts
Clamping Response Time:	<5 nanoseconds
Current:	Non Load-Bearing
Pass Voltage Tested to ANSI/IEEE B3 Impulse:	<15 Volts Peak
Power Dissipation (8x20uS):	100,000 Volt amps

24 Volt AC Lightning Protection

Designed specifically for 24VAC CCTV cameras, either chip or tube. Place a PW-CATV24VAC at the 24 VAC power source and a PW-CCTVBNCV at both ends of the coax for the ultimate in lightning protection.

PW-CATV24VAC

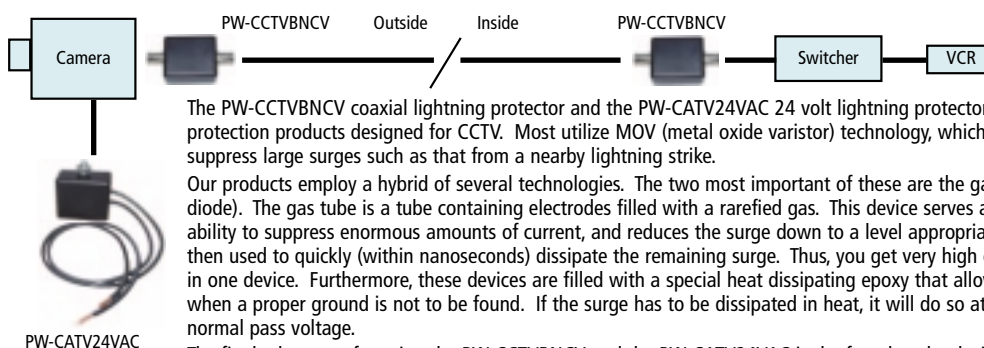


PW-CATV24VAC

Features

- Solid-state, non load-bearing passive device
- Signal loss <1% at 100MHz
- Conforms to UL / IEEE 587-1980 requirements for lightning protection devices
- Takes hit after hit...never has to be replaced or reset
- Manufacturer's LIFETIME WARRANTY!

HOW IT WORKS (A Typical System For PW-CCTVBNCV & PW-CATV24V)



The PW-CCTVBNCV coaxial lightning protector and the PW-CATV24VAC 24 volt lightning protector are very different than other lightning protection products designed for CCTV. Most utilize MOV (metal oxide varistor) technology, which is woefully lacking in its ability to suppress large surges such as that from a nearby lightning strike.

Our products employ a hybrid of several technologies. The two most important of these are the gas tube and the SAD (silicon avalanche diode). The gas tube is a tube containing electrodes filled with a rarefied gas. This device serves as a "crowbar device" in that it has the ability to suppress enormous amounts of current, and reduces the surge down to a level appropriate for handling by the SAD. The SAD is then used to quickly (within nanoseconds) dissipate the remaining surge. Thus, you get very high current handling, speed and reliability all in one device. Furthermore, these devices are filled with a special heat dissipating epoxy that allows them to dissipate the surge in heat when a proper ground is not to be found. If the surge has to be dissipated in heat, it will do so at only 1 to 1.5 volts higher than the normal pass voltage.

The final advantage for using the PW-CCTVBNCV and the PW-CATV24VAC is the fact that the devices are self-resetting, and do not load signals. Many other lightning protection devices that are marketed for CCTV applications must be reset or replaced after any lightning protection activity is incurred. This is extremely costly for those who must service the in-field equipment. Both the PW-CCTVBNCV and the PW-CATV24VAC do not have to be reset or replaced after use!

