

HPTV2401WPZ

WEATHERPROOF PTZ POWER SUPPLY WITH SURGE PROTECTION

The Honeywell HPTV2401WPZ weatherproof power supply offers a stable source of 24 VAC with 8.0 A of current and provides surge protection for power, video and data. The HPTV2401WPZ power supply offers superior voltage regulation that protects cameras from damage due to power surges and over-voltage conditions. The power supply provides inherent synchronization of line-locked cameras and features built-in thermal protection. This power supply features a water-tight, dust-tight, corrosion-resistant NEMA 4X rated enclosure.

Market Opportunities

The Honeywell HPTV2401WPZ power supply provides superior protection, performance and value for video surveillance installations. This weatherproof series will survive in harsh environments containing harmful elements such as dirt, dust and moisture.

With the featured surge protection for data, the HPTV2401WPZ is ideal selection for all PTZ dome camera installations where a stable source of 24 VAC/8.0 A power is required, and harsh environment installation is expected.

Features

- 24 VAC output, 8.0 A
- Surge protection for 24 VAC, data and video
- Built-in thermal protection
- Incoming power protection
- Camera synchronization provided
- Transient protection on inputs and outputs



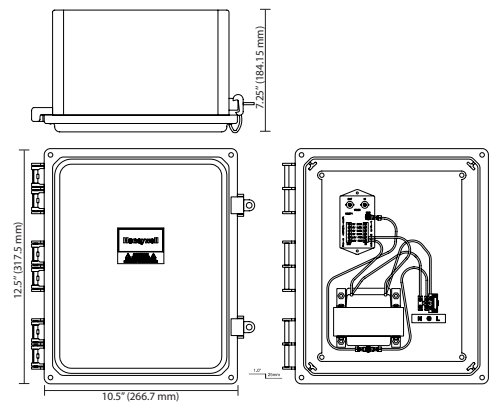
HPTV2401WPZ

www.honeywellvideo.com

SPECIFICATIONS

Operational	
Incoming Safety Block	3 A,250 VA, .2" x .79" (5 mm x 20 mm) glass fuse
Surge Protection	Power and video
Electrical	
Input Voltage	120 VAC (+6%, -10%) 60 Hz
Output Voltage	24 VAC (+/-3%) no load
Output Current	8.0 A max
Grounding	Grounding on internal metal mounting plate ad printed circuit board
Video Protection	
Service Voltage	2.0 Vp-p
Clamping Voltage	2.8 VDC
Insertion Loss	<1.0 dB @ 0-2.0 GHz
Peak Current	20K A
Connections	BNC female -in and out
Impedance	75 Ohms
Data Protection	
Service Voltage	6.8 VDC
Clamping Voltage	2.8 VDC
Peak Current	2000 A/Pair
Connections	Screw terminals, 22-16 AWG
Voltage Protection	
Service Voltage	24 VAC/24 VDC
Clamping Voltage	33 VAC/47 VDC
Peak Current	3000 A/Pair
Connections	Screw terminals, 22-16AWG

Mechanical			
Dimension (W x H x D)	10.50" x 12.5" x 7.25" (267 mm x 318 mm x 184 mm)		
Weight	Unit: Aprox 16 lbs (7.26 kg) Shipping: Aprox 16 lbs (7.26 kg)		
Construction	Housing: NEMA 4X rated (IP Rating) Finish: Polycarbonate, cool gray		
Cable Entry/Access	Hinged door with latches		
Environmental			
Operating Temperature	Operating: -40°F to +122°F (-40°C to +50°C)		
Relative Humidity	Up to 85% non condensing		
Regulatory			
Immunity	EN50130-4		
Recommended Wiring			
Input Wire	12-16 gauge solid wire		
Output Wire	12-22 gauge solid or stranded wire		
Wiring Distance	See Recommended Wiring Distance chart		
Recommended Wiring Distance Chart in feet (meters)			
Total VA Consumed	20 AWG (0.5 mm ²)	18 AWG (1.0 mm ²)	16 AWG (1.5 mm ²)
10	283 (86)	451 (137)	716 (218)
20	141 (42)	225 (88)	358 (109)
30	94 (28)	150 (45)	238 (72)
50	56 (17)	90 (27)	143 (43)



Ordering	
HPTV2401WPZ	24 VAC, 8 Amps, with Surge Protection for Power, Data and Video

NOTE: Honeywell reserves the right, without notification, to make changes in product design or specifications.

Honeywell Security

Honeywell Video Systems
2700 Blankenbaker Pkwy, Suite 150
Louisville, KY 40299
1.800.796.CCTV
www.honeywell.com

L/HP241WPZ/D
February 2008
© 2008 Honeywell International Inc.

Honeywell