

HPTV2401WPS

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WEATHERPROOF DOME POWER SUPPLY WITH SURGE PROTECTION

The Honeywell HPTV2401WPS weatherproof power supply offers a stable source of 24 VAC with 8.0 A of current and provides surge protection for power and video.

The HPTV2401WPS 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 HPTV2401WPS power supply provides superior protection, performance and value for video surveillance installations. The weatherproof series will survive in harsh environments containing harmful elements such as dirt, dust and moisture.

The HPTV2401WPS is ideal for all dome cameras 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
- NEMA 4X rated

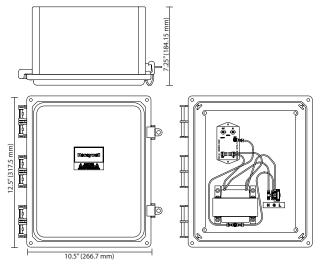


HPTV2401WPS

SPECIFICATIONS

Operational				
Incoming Safety Block	3.0 A,250 VAC, .2" x .79" (5mm x 20mm), 250 VAC glass fuse			
Surge Protection	Power and video			
Electrical				
Input Voltage	120 VAC (+6%, -10%) 60 Hz			
Input Tolerance	(+6%, -10%)			
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			
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) NEMA 4X rated			
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	6	Hinged door with latches			
Environmen	tal				
Operating Temperature		Operating: -40°F to +122°F (-40°C to +50°C)			
Relative Humidity		Up to 85%	o 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		AWG 5 mm2)	18 AWG (1.0 mm2)	16 AWG (1.5 mm2)	
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	
HPTV2401WPS	24 VAC, 8 Amps, with Surge Protection for Power and Video

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

Honeywell Security

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L/HP241WPS/D
Esberger, 2009

