

## HPTV2401Z

### PTZ DOME POWER SUPPLY WITH SURGE PROTECTION

The Honeywell HPTV2401Z 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 HPTV2401Z 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.

#### Market Opportunities

The Honeywell HPTV2401Z power supply provides superior protection, performance and value for video surveillance installations. With the featured surge protection for data, the HPTV2401Z is ideal selection for all PTZ dome camera installations where a stable source of 24 VAC/8.0 A power is required.

#### 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



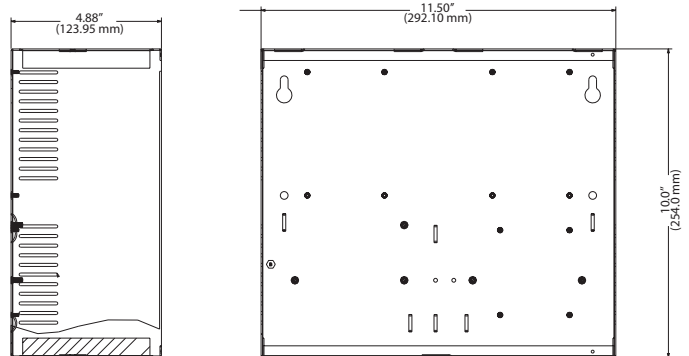
# HPTV2401Z

www.honeywellvideo.com

## SPECIFICATIONS

Operational	
Incoming Safety Block	3 A, 250V, .2" x .79" (5 mm x 20 mm) cartridge
Surge Protection	24 VAC power, video and data protection
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 and 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	20 K A
Connections	BNC female- in and out
Impedance	75 Ohms
Data Protection	
Service Voltage	6.8 VDC
Clamping Voltage	2.8V DC
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, 22-16 AWG

Mechanical			
Dimensions (W x H x D)	10" x 11.5" x 4.875" (254 mm x 292.1 mm x 238 mm)		
Weight	Unit: Aprox 12 lbs (5.44 kg) Shipping: Aprox 13 lbs (5.90 kg)		
Construction	Housing: 16 gauge (1.6 mm) steel vented housing Finish: Durable textured powder coat finish, black		
Cable Entry	Five knockouts for wiring entry (top,bottom,sides)		
Cable Entry/Access	Hinged and vented front cover		
Environmental			
Temperature	Operating: 32°F to 120°F (0°C to 49°C) Storage -40°F to +185°F (-40°C to +85°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 <sup>2</sup> )	18 AWG (1.0 mm <sup>2</sup> )	16 AWG (1.5 mm <sup>2</sup> )
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	
HPTV2401Z	24 VAC, 8.0 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

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