

HPTV24 Series

INDOOR POWER SUPPLY

The Honeywell HPTV24 Series multi-output CCTV power supply delivers constant 24 VAC with 4.0, 8.0 or 16.0 A of current with up to 16 outputs. The power supplies provide individual fused or SmartFused protection for each output, as well as inherent synchronization to line-locked cameras. The unit also contains a master ON/OFF switch which controls power to the 24 VAC output circuits. The switch allows additional convenience during installation or servicing of cameras. The HPTV24 Series offers superior voltage regulation that protects cameras and accessories from damage due to power surges and over-voltage conditions.

Designed for ease-of-installation, the HPTV24 is housed in a large, vented, hinged enclosure with multiple knockouts. Large terminal screws allow easy wiring connections using a standard-sized screwdriver. Connection of incoming AC power is made through a convenient fuse block. This block contains an easily removed fuse, allowing isolation of incoming AC from the rest of the unit. The status of the incoming AC, as well as each output, is displayed with individual LEDs.

Market Opportunities

The HPTV24 Series power supply provides superior performance and value for CCTV installations. The units are field-expandable to 16 or 32 outputs with optional accessories. Security systems can be expanded economically as surveillance requirements become more demanding.

Compared to individual plug-in transformers, a multi-camera power supply reduces the overall cost of installation and does not tie up multiple power outlets. In addition, a multi-camera power supply protects equipment from damage due to power surges, while providing individual fused protection for each output.

Features

- 4, 8 or 16 individually fused or SmartFused 24 VAC outputs
- 24 VAC output, up to 16.0 A available
- Field expandable to 32 outputs
- AC Power and individual status indicator lights
- Hinged, vented enclosure with 5 convenient knockouts
- Power ON/OFF switch
- Incoming power fused on primary and secondary sides
- Camera synchronization provided
- Transient protection on inputs and outputs



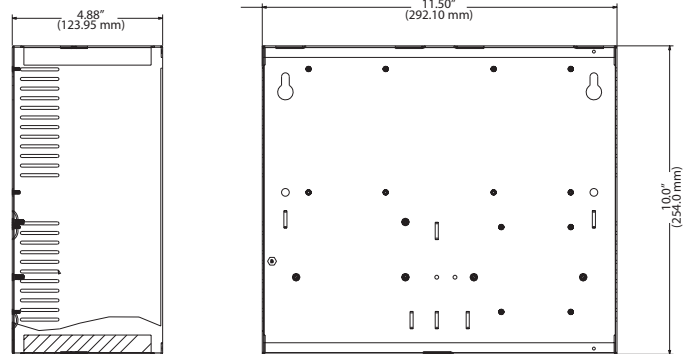
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www.honeywellvideo.com

SPECIFICATIONS

Operational	
Incoming Safety Block	3 A to 6 A, .2" x .79" (5 mm x 20 mm) 250V glass fuse
Secondary Output Fuse	5 A or 10 A automotive style fuses
Load Output Fuse	3 A or 5 A per output, automotive style fuses or 2.5 A at 77°F (25°C) SmartFuse
Electrical	
Input Voltage	120 VAC 60 Hz
Input Tolerance	(+6%, -10%)
Output Voltage	24 VAC (+/- 3%) no load
Output Current	16.0 A max (sum of all outputs)
Grounding	Grounding on main enclosure, enclosure lid and printed circuit board (PCB)
Mechanical	
Dimensions (W x H x D)	10" x 11.5" x 4.875" (254 mm x 292.1 mm x 238 mm)
Weight	Approx 14 lbs (6.35 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)
Environmental	
Operating Temperature	Operating: -4°F to + 95°F (-20°C to 35°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	14-22 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)
Accessories			
HPTVD4	4 output fused power distribution board		
HPTVD8	8 output fused power distribution board		
HPT24200	24 VAC 200 VA open frame transformer with thermal cutout		
HPT24100	24 VAC 100 VA Class 2 open frame transformer with thermal cutout		
HP407EB	Expansion Bracket for HPTV power supplies		



Ordering	
HPTV24 04 CB-1	
Honeywell 24 VAC Power Supply	
# Of Outputs	Amps and Type of Fuse
04 4 outputs	<blank> Fused
08 8 outputs	CB Smart Fuse
16 16 outputs	-1 Double Amps
	CB-1 Double Amps, Smart Fuse

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

Honeywell Security

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