

HPTV24UL Series

UL LISTED, INDOOR POWER SUPPLY

The Honeywell HPTV24UL Series power supply is a UL Listed multi-output power supply providing a maximum of 8.0 A of power to 24 VAC cameras. Additionally, the power supply provides individual fused protection for each output, as well as inherent synchronization of line-locked cameras. A master ON/OFF switch controls power to the 24 VAC output circuits and adds additional convenience during installation or servicing of cameras. The HPTV24UL 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 HPTV24UL Series power supply is housed in a large, vented, hinged enclosure with multiple knockouts for convenient wiring accessibility. Large terminal screws allow easy 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 and each output is displayed with individual LEDs. Spare fuses (supplied) are conveniently located inside the cabinet. A series of UL Listed Honeywell Video power supplies are available in 4, 8 and 16 output configurations to suit a variety of installation requirements.

Market Opportunities

The UL Listed HPTV24UL Series power supply provides superior performance and value for CCTV installations and other accessories.

Compared to individual plug-in transformers, a multi-camera power supply reduces the overall cost of the installation and does not tie up multiple power outlets. The HPTV24UL rugged, 18 gauge, vented steel enclosure and durable painted finish are built to last. In addition, a multi-camera power supply protects equipment from damage due to power surges while providing individual fused protection for each output.

Features

- UL Listed Power Supply
- 4, 8 or 16 individually fused 24VAC outputs
- 24 VAC output up to 8.0 A available
- AC Power and individual status indicator lights
- Hinged vented enclosure with 7 convenient knock-outs
- Power ON/OFF switch
- Incoming power fused on primary and secondary sides
- Camera synchronization provided
- Transient protection on inputs and outputs



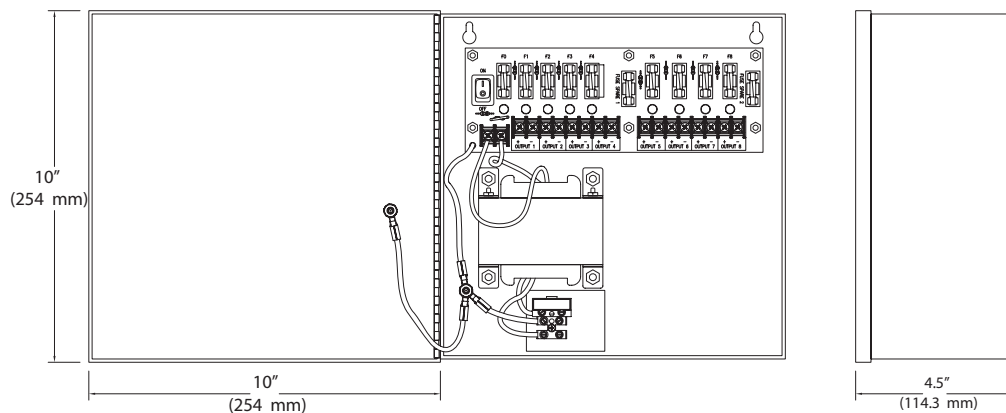
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www.honeywellvideo.com

SPECIFICATIONS

Operational	
Incoming Safety Block	3.15 A, 250V ceramic
Secondary Output Fuse	4 A, 250 VAC .2" x .79" (5 mm x 20 mm) glass fuse
Load Output Fuse	1 A per output, 250V .2" x .79" (5 mm x 20 mm)
Spare Fuse Clip	Mounted on PCB
Diagnostic LEDs	<ul style="list-style-type: none"> – Input Power LED (Green) – ON indicates incoming input voltage – Output Power LEDs (Red) – ON indicates blown output fuse
On/Off Switches	Distribution board ON/OFF switch
Electrical	
Input Voltage	120 VAC, 1A 60 Hz
Input Tolerance	(+6%, -10%)
Output Voltage	24 VAC (+/- 3%) no load
Output Current	8.0 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 4.5" x 10" (254 mm x 114.3 mm x 254 mm)
Weight	Unit: Aprox. 14 lbs (6.36 kg) Shipping: Aprox. 14 lbs (6.36 kg)
Construction	Housing: 18 Gauge (1.2 mm) steel vented housing Finish: Durable textured finish paint RAL7035 Black
Cable Entry	7 knockouts

Environmental			
Operating Temperature	Operating: -4° to +95°F (-20°C to +35°C) Storage: -4° to +185°F (-40°C to +85°C)		
Relative Humidity	Up to 85% non-condensing		
Regulatory			
Safety	UL 60950, CSA 22.2 No. 60950-00		
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)
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	
HPTV2404UL	24 VAC, 4 Amps, 4 Output, Fused, UL Listed
HPTV2408UL	24 VAC, 4 Amps, 8 Output, Fused, UL Listed
HPTV2416UL	24 VAC, 8 Amps, 16 Output, Fused, UL Listed

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

Honeywell Security

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