

HPTVDC Series

6, 12 OR 24 VDC INDOOR POWER SUPPLIES

These switching power supplies/distribution units convert 115 VAC input into 6, 12 or 24 VDC at 2.5 A or 4.0 A continuous supply current and distribute it using individually fused outputs. For convenient installation, these power supplies come completely assembled with a steel enclosure, transformer, and connecting hardware.

The HPTV3DC04 supplies 2.5 A while the larger HPTV5DC08 and HPTV5DC16 supply 4.0 A at 6 or 12 VDC (2.5 A at 24 VDC). The HPTV3DC04 has a four output, individually fused power distribution board, the HPTV5DC08 has an eight output distribution board, and the HPTV5DC16 has two eight output distribution boards.

Market Opportunities

The HPTVDC Series power supply provides superior performance and offers a wide range of applications for access control, intrusion security and CCTV systems that require additional power.

The HPTVDC Series is ideal for all dome and box cameras installations that require stable sources of power.

Features

- Filtered and electronically regulated output
- Thermally limited design
- LED diagnostic indicators for AC input, main DC output, and individual DC outputs
- Hinged cover, vented enclosure and five convenient knockouts



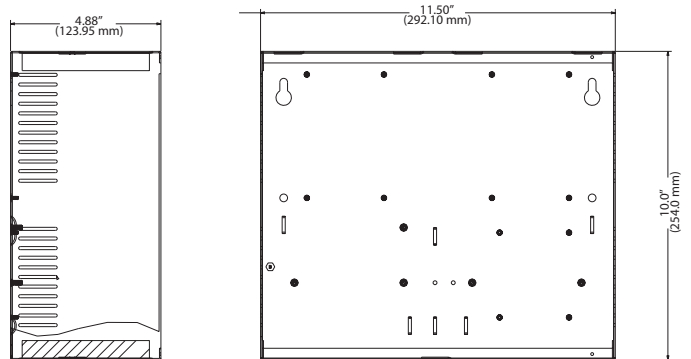
HPTVDC Series

www.honeywellvideo.com

SPECIFICATIONS

| Operational | |
|------------------------|--|
| Incoming Safety Block | 2 A, 250V, .2" x .79"(5 mm x 20 mm) cartridge |
| Secondary Output Fuse | 5 A, automotive fuse |
| Load Output Fuse | 3 A per output, automotive fuses or 2.5 A @ 77°F (25°C) SmartFuse |
| Diagnostic LEDs | HPS3/HPS5 Green LED ON (AC Power Present) Red LED ON (DC Power Present) HPD4/HPD8 <ul style="list-style-type: none"> Input Power LED: (Green) ON indicates that voltage is present at distribution board. Output Power LEDs: (4 Green) ON indicates that voltage is present at the related output circuit. |
| On/Off Switches | Power on/off to distribution board |
| Electrical | |
| Input Voltage | 120VAC 60 Hz @ 1A max. |
| Input Tolerance | + 6% -10% |
| Output Voltage | 6,12 or 24 VDC switch selectable |
| Output Current | HPS3 - 6,12 or 24 VDC @ 2.5 A HPS5 - 6 or 12 @ 4.0 A and 24V @ 2.5 A |
| 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 | Unit: Aprox 11lbs (4.99 kg) Shipping: Aprox:12 lbs (5.44) |
| 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 | | | |
|--|---|-------------------------------|-------------------------------|
| 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 | | | |
| Emissions | FCC Part 15 Subpart D | | |
| 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 | | |
| Accessories | | | |
| HP407EB | Expansion bracket for HPTV power supplies | | |
| HPTVD4 | 4 output fused power distribution board | | |
| HPTVD8 | 8 output fused power distribution board | | |
| 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 | |
|-----------|---|
| HPTV3DC04 | 6,12 or 24 VDC, 2.5 Amps, 4 Outputs, Fused |
| HPTV5DC08 | 6,12 or 24 VDC, 4.0 Amps, 8 Outputs, Fused |
| HPTV5DC16 | 6,12 or 24 VDC, 4.0 Amps, 16 Outputs, Fused |

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

Honeywell Security

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