



# HubWay16CD

## Passive UTP Transceiver Hub with Integral Camera Power

### Description

HubWay16CD Passive UTP Transceiver Hub with Integral Camera Power transmits UTP video, RS422/RS485 data and power over a single CAT-5 or higher structured cable. Unit provides 16 camera channels in a space saving 1U EIA 19" rack mount chassis which may be rack, wall, or shelf mounted. Video transmission range is up to 750 ft. max. per channel. Units are compatible with AC and/or DC fixed or PTZ cameras when utilizing Altronix HubWayAv, HubWayAv2, HubWayDv or HubWayDvi Video Balun/Combiners.

Unit also features individually selectable 24VAC or 28VAC PTC protected outputs with surge suppression. An optional HubSat4D Passive UTP Transceiver Hub with Integral Camera Power can be used as an accessory module to transmit video from up to 4 cameras over a single CAT-5 or higher structured cable back to the HubWay16CD. In addition, HubSat4D provides power to these cameras locally to eliminate the possibility of voltage drop associated with long cable runs.



HubWay16CD

### Specifications

#### Input

Voltage 115VAC, 60Hz, 3A.

#### Outputs

PTC protected power-limited outputs rated 1A per channel.

Voltage Individually selectable 24VAC or 28VAC power outputs with OFF position.

Current Up to 1A max. per channel, not to exceed a total of 10A maximum current.

Other Surge suppression.

#### Video

Sixteen (16) channels of video over twisted pair up to a distance of 228.6m (750 ft.) per channel.

Sixteen (16) 75 Ohm video outputs.

#### Data

RS422/RS485 data inputs.

#### Indicators (LED)

Outputs Sixteen (16) individual power LED indicators.

#### Agency Listings

UL UL 2044 (Commercial CCTV Equipment).  
cUL CSA Standard C22.2 No.1-04, Audio, Video and Similar Equipment.

CE European Conformity.  
C-Tick compliant.

#### Physical and Environmental

##### Enclosure Dimensions (H x W xD)

Modular 1U standard EIA 19" rack mount chassis.  
1.625" x 19.125" x 8.5" (41.3mm x 486mm x 216mm).

Product Weight 18.45 lbs. (8.37 kg).

Shipping Weight 19.75 lbs. (8.96 kg).

##### Temperature

Operating 0°C to 49°C (32°F to 120°F).

Storage -20°C to 70°C (-4°F to 158°F).

Relative Humidity 85% +/-5%.

##### BTU/Hr. (approx.):

24VAC: 123 BTU/Hr.

28VAC: 143 BTU/Hr.



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### Accessories



**HubWayAv and HubWayAv2**  
**Video Balun/Combiners for use with 24VAC cameras.**  
Compatible with all HubWay and HubSat UTP Transceiver Hubs.  
Allow for video and data transmission and power over CAT-5 or higher structured cable to AC fixed cameras or PTZs.

**HubWayDv**  
**Video Balun/Combiner for use with 12VDC cameras.**  
Compatible with all HubWay and HubSat UTP Transceiver Hubs.  
Allows for video and data transmission and power over CAT-5 or higher structured cable to 12VDC fixed cameras or PTZs.

**HubWayDvi**  
**Video Balun/Combiner for use with 12VDC cameras without isolation.**  
Compatible with all HubWay and HubSat UTP Transceiver Hubs.  
Allows for video and data transmission and isolated power over CAT-5 or higher structured cable to 12VDC fixed cameras or PTZs.