

# HubWay8D

## Passive UTP Transceiver Hub with Integral Camera Power

### Description

HubWay8D 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 8 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 HubWay8D. In addition, HubSat4D provides power to these cameras locally to eliminate the possibility of voltage drop associated with long cable runs.



HubWay8D

### Specifications

#### Input

**Voltage** 115VAC, 60Hz, 1.5A or 230VAC, 50/60Hz, 1A.

#### Outputs

PTC protected 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 5A maximum current.

**Other** Surge suppression.

#### Video

Eight (8) channels of video over twisted pair up to a distance of 228.6m (750 ft.) per channel.

Eight (8) 75 Ohm video outputs.

#### Data

RS422/RS485 data inputs.

#### Indicators (LED)

**Outputs** Eight (8) individual power LED indicators.

#### Agency Listings

**UL** UL 2044 (Commercial CCTV 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** 11.0 lbs. (4.99 kg).

**Shipping Weight** 12.3 lbs. (5.58 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: 61 BTU/Hr.

28VAC: 72 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.