

### **Overview**

Altronix HubWay16CD Passive UTP Transceiver Hub w/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, HubWayDv or HubWayDvi Video Balun/Combiners. In addition, the unit 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, the HubSat4D provides power to these cameras locally to eliminate the possibility of voltage drop associated with long cable runs.



HubWay16CD

### **Specifications**

**Input:**

- 115VAC 60Hz, 3 amp.

**Video:**

- Sixteen (16) channels of video over twisted pair up to a distance of 750 ft. per channel.
- Sixteen (16) 75 ohm video outputs.

**Data:**

- RS422/RS485 data inputs.

**Power:**

- Unit provides up to 1 amp max. per channel not to exceed a total of 10 amp (300VA) maximum current.
- Individually selectable 24VAC or 28VAC isolated power outputs with OFF position.
- Class 2 Rated power limited outputs.
- PTCs are rated @ 1 amp per channel.
- Surge suppression.

**Electrical:**

- Operating temperature: 0° C to 49° C ambient.
- Total system power consumption: 300 W.
- 114 BTU/Hr.
- System AC input VA requirement: 300VA.

**Mechanical:**

- Units can be rack, wall or shelf mounted.
- Modular 1U standard EIA 19" rack mount chassis.

**Mechanical (cont'd):**

- Enclosure Dimensions (H x W x D approx.): 1.625" (41.275mm) x 19.125" (486mm) x 8.5" (216mm)
- Product weight (approx.): 18.45 lbs. (8.37 kg.).
- Shipping weight (approx.): 19.75 lbs. (8.96 kg.).

**Features:**

- Sixteen (16) power LEDs.
- Illuminated master power disconnect circuit breaker with manual reset.
- IEC 320 - 3-wire grounded line cord (detachable).

**Accessories:**

- Optional HubSat4D allows transmission of up to four (4) video signals over a single CAT-5 or higher structured cable.
- Video Balun/Combiners:
  - **HubWayAv2 Slim-line** - compatible with all HubWay UTP Hubs for AC or DC fixed cameras or PTZs.
  - **HubWayDv** - compatible with all HubWay UTP Hubs for DC fixed cameras or PTZs.
  - **HubWayDvi** - built-in isolation. Compatible with all HubWay UTP Hubs for DC fixed cameras or PTZs.

### **Agency Approvals**



UL Listed for Commercial CCTV Equipment  
(UL 2044).



CUL Listed - CSA Standard C22.2 No.1-04,  
Audio, Video and Similar Equipment.

**Enclosure Dimensions (H x W x D) (approximate):**  
1.625" (41.275mm) x 19.125" (486mm) x 8.5" (216mm)

