



HubWayLD8CDS



### **Overview**

HubWayLD8CDS Active 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 8 camera channels in a space saving 1U EIA 19" rack mount chassis which may be wall or shelf mounted. Video transmission range is up to 3000 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. 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 HubWayLD8CDS. In addition, the HubSat4D provides power to these cameras locally to eliminate the possibility of voltage drop associated with long cable runs.

### **Specifications**

#### ***Input:***

- 115VAC 60Hz, 1.5 amp.
- Primary fuse is rated at 5 amp/250V.

#### ***Video:***

- Eight (8) channels of video over twisted pair up to 3000 ft. (914.4m).
- Eight (8) 75 ohm video outputs.

#### ***Data:***

- RS422/RS485 data inputs.

#### ***Power:***

- Individual field selectable 24VAC or 28VAC outputs.
- Unit provides up to 1 amp max. per channel not to exceed a total of 5 amp (150VA) maximum current.
- Class 2 Rated power-limited outputs.
- PTC's are rated @ 1 amp per channel.
- Surge suppression.

#### ***Visual Indicators:***

- AC input power indicator.
- Eight (8) individual video LED indicators.

#### ***Features:***

- Picture and Gain control.
- Illuminated master power disconnect circuit breaker with manual reset.

#### ***Features (cont'd):***

- IEC 320 - 3-wire grounded line cord (detachable).
- Unit can be rack, wall or shelf mounted.
- 1U EIA 19" rack mount chassis.

#### ***Optional Accessories:***

- Optional HubSat4D allows transmission of up to four (4) video signals over a single CAT-5 or higher structured cable.
- Video Balun/Combiners:
  - HubWayAv - for use with 24VAC cameras.
  - HubWayAv2 - for use with 24VAC cameras.
  - HubWayDv - for use with 12VDC cameras.
  - HubWayDvi - for use with 12VDC cameras without isolation.

#### ***Mechanical:***

- Modular 1U standard EIA 19" rack mount chassis
- Enclosure Dimensions (H x W x D approx.):
  - 1.625" x 19.125" x 8.5"
  - (41.275mm x 486mm x 215.9mm)
  - HubWayLD8CDS: 13 lbs. (5.9 kg).
  - HubWayLD82CDS: 14.2 lbs. (6.44kg).
  - HubWayLD83CDS: 13.7 lbs. (6.21kg)

### **Models**

#### ***HubWayLD8CDS***

Active UTP Transceiver Hub with Integral Camera Power. Video Balun/Combiners not included.

#### ***HubWayLD82CDS***

Active UTP Transceiver Hub with Integral Camera Power with eight (8) HubWayAv Video Balun/Combiners.

#### ***HubWayLD83CDS***

Active UTP Transceiver Hub with Integral Camera Power with eight (8) HubWayDv Video Balun/Combiners.

### **Agency Approvals**



UL Listed for Commercial CCTV Equipment (UL 2044).

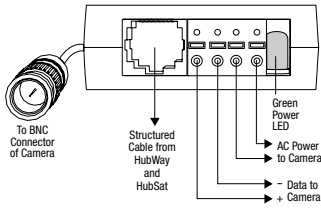


CUL Listed - CSA Standard C22.2 No.1-04, Audio, Video and Similar Equipment.

## **Video Balun/Combiners**

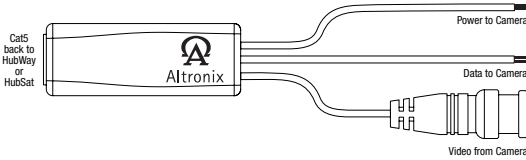
### **HubWayAv - Video Balun/Combiner**

compatible with all HubWay UTP Hubs for AC fixed cameras or PTZs.



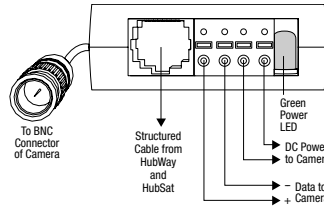
### **HubWayAv2 - Slim-line Video Balun/Combiner**

compatible with all HubWay UTP Hubs for AC fixed cameras or PTZs.



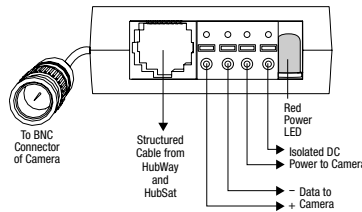
### **HubWayDv - Video Balun/Combiner**

compatible with all HubWay UTP Hubs for DC fixed cameras or PTZs.



### **HubWayDvi - Video Balun/Combiner**

built-in isolation. Compatible with all HubWay UTP Hubs for DC fixed cameras or PTZs. With or without internal isolation.



### **Enclosure Dimensions (H x W x D) (approximate):**

1.625" x 19.125" x 8.5" (41.275mm x 486mm x 215.9mm)

