

**Overview**

Altronix HubWayLD8D 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 rack, 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, 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 HubWayLD8D. 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 50/60Hz, 1.5 amp  
or 230VAC 50/60Hz, 1 amp.
- Primary fuse (internal) is rated at 5 amp/250V.

**Video:**

- Eight (8) channels of video over twisted pair up to a distance of 3000 ft. per channel.
- Eight (8) 75 ohm video outputs.

**Data:**

- RS422/RS485 data inputs.

**Power:**

- Individually selectable 24VAC or 28VAC power outputs with OFF position.
- 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 protected outputs are rated @ 1 amp per channel.
- Surge suppression.

**Visual Indicators:**

- AC input power indicator.

- Video signal and power LED indicators.

**Features:**

- Picture and Gain control.
- Illuminated master power disconnect circuit breaker with manual reset.
- IEC 320 - 3-wire grounded line cord (detachable).
- Unit can be rack, wall or shelf mounted.
- 1U EIA 19" rack mount chassis.

**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.
  - HubWayDv - for use with 12VDC cameras.
  - HubWayDvi - for use with 12VDC cameras without isolation.

**Shipping Weight (approximate):**

- HubWayLD8D: 13.5 lbs.
- HubWayLD82D: 14.7 lbs.
- HubWayLD83D: 14.2 lbs.

**Models****HubWayLD8D**

Eight (8) Channel Active UTP Transceiver Hub with Integral Camera Power

**HubWayLD82D**

Eight (8) Channel Active UTP Transceiver with eight (8) HubWayAv Video Balun/Combiners

**HubWayLD83D**

Eight (8) Channel Active UTP Transceiver with eight (8) HubWayDv Video Balun/Combiners

**Agency Approvals**

UL Listed for Commercial CCTV Equipment (UL 2044).

## Vidoe Balun/Combiners

### HubWayAv

- Compatible with HubWay®, HubWay®LD and HubSat® UTP Transceiver Hubs for use with 24VAC cameras.



### HubWayDv

- Compatible with HubWay®, HubWay®LD and HubSat® UTP Transceiver Hubs for use with 12VDC cameras.



### HubWayDvi

- Compatible with HubWay®, HubWay®LD and HubSat® UTP Transceiver Hubs for use with 12VDC cameras without isolation.



## HubWay®LD8D Rack Chassis Dimensions

1.625”H x 19.125”W x 8.5”D

