



HubWayLD16CD



## Overview

HubWayLD16CD 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 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 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 HubWayLD16CD. 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.
- Primary fuse (internal) is rated at 5 amp/250V.

### Video:

- Sixteen (16) channels of video over twisted pair up to a distance of 3000 ft. (914.4m) per channel.
- Sixteen (16) 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 10 amp (300VA) 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:
  - 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" (41.275mm) x 19.125" (486mm)  
x 2.498" (63.45mm)
- Shipping Weight (*approximate*):
  - HubWayLD16CD: 22.5 lbs. (10.21kg)
  - HubWayLD82CD: 23.55 lbs. (10.68kg)
  - HubWayLD83CD: 24.55 lbs. (11.14kg)

## Agency Approvals



UL Listed for Commercial CCTV Equipment (UL 2044).

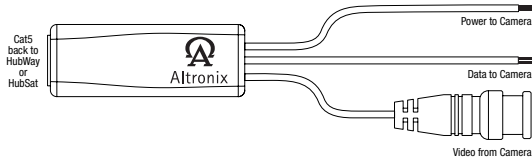


CUL Listed - CSA Standard C22.2 No.1-04, Audio, Video and Similar Equipment.

## Video Balun/Combiners

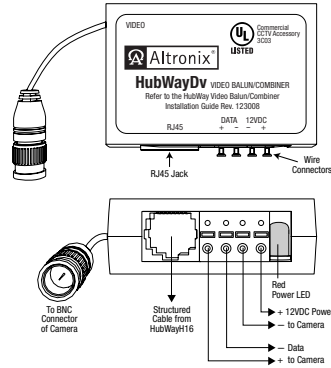
### HubWayAv2 - Slim-line Video Balun/Combiner

compatible with all HubWay UTP Hubs for AC or DC 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" (41.275mm) x 19.125" (486mm) x 8.5" (216mm)

