

# HubSat4D

## Passive UTP Transceiver Hub with Integral Camera Power

### Description

Altronix HubSat4D 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 4 camera channels in a wall mount enclosure. Video transmission range is up to 228.6m (750 ft.) max. per channel. Units are compatible with AC and/or DC fixed or PTZ cameras when utilizing Altronix HubWayAv or HubWayDv Video Balun/Combiners.

Unit also features 24VAC or 28VAC PTC protected outputs and surge suppression. Optionally, HubSat4D 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 HubWay, HubWayLD or HubWayLDH Passive and Active UTP Transceiver Hubs. In addition, HubSat4D powers these cameras locally to eliminate the possibility of voltage drop associated with long cable runs.



HubSat4D

### Specifications

#### Input

Voltage	115VAC, 50/60Hz, 1.25A.
Fusing	3.5A/250V.

#### 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 4A maximum current.
Other	Surge suppression.

#### Video

Four (4) channels of video over twisted pair up to a distance of 228.6m (750 ft.) per channel.  
Four (4) 75 Ohm video outputs.

#### Data

RS422/RS485 data inputs.

#### Indicators (LED)

Outputs Four (4) individual power LED indicators.

#### Agency Listings

UL	UL 2044 (Commercial CCTV Equipment).
cUL	CSA Standard C22.2 No.1-04, Audio, Video and Similar Equipment.
CE	European Conformity

#### Physical and Environmental

Enclosure Dimensions (H x W x D)	8.5" x 7.5" x 3.5" (215.9mm x 190.5mm x 88.9mm).
Product Weight	8.0 lbs. (3.63 kg).
Shipping Weight	8.6 lbs. (3.9 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:	49 BTU/Hr.
28VAC:	57 BTU/Hr.

## HubSat4D Passive UTP Transceiver Hub with Integral Camera Power

### Accessories



HubWayAv

#### 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.



HubWayAv2



HubWayDv

#### 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

#### 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.