

## HubWayEXP

### UTP Power Injector

#### Description

Altronix HubWayEXP UTP Power Injector supplies power combined with pass-through video and data for up to 16 cameras from Altronix HubWay Active UTP Transceiver Hubs. Unit allows for video transmission of up to 16 cameras over four CAT-5 or higher structured cables from HubWay Active Transceiver Hubs. HubWayEXP units are designed for installation at the IDF (Intermediate Distribution Frame) or MDF (Main Distribution Frame).



HubWayEXP

#### Specifications

##### Input

115VAC, 60Hz, 2.5A or 230VAC, 50Hz, 1.5A.

##### Outputs

PTC protected isolated outputs rated 1A per channel.

**Voltage** Individually selectable 24VAC or 28VAC power outputs with OFF position.

**Current** Up to 1A max. per channel.

**Other** Surge suppression.

##### Video

Sixteen (16) channel of video over twisted pair up to a distance of 1,500m (5,000 ft.) per channel.

Sixteen (16) 75 Ohm video outputs.

Automatic picture and gain control.

##### Data

RS422/RS485 data inputs.

##### Indicators (LED)

**Video** Sixteen (16) 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 xD)

Modular 1U standard EIA 19" rack mount chassis.

1.625" x 19.125" x 2.5" (41.3mm x 486mm x 63.5mm).

**Product Weight** 19.8 lb. (8.98 kg).

**Shipping Weight** 22.15 lb. (10.05 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: 123 BTU/Hr.

28VAC: 143 BTU/Hr.



## HubWayEXP UTP Power Injector

### Compatible Transceiver Hubs



HubWayEX16



HubWayEX16S



HubWayEX32

**HubWayEX16 and HubWayEX16S**  
16 channel Active Transceiver Hubs.  
Transmit video up to 5000 ft.  
UL Listed. CE Approved.

**HubWayEX32**  
32 channel Active Transceiver Hub.  
Transmit video up to 5000 ft.  
UL Listed. CE Approved.

### Video Balun/Combiners



HubWayAv



HubWayAv2



HubWayDv



HubWayDvi

**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.

**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**  
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.