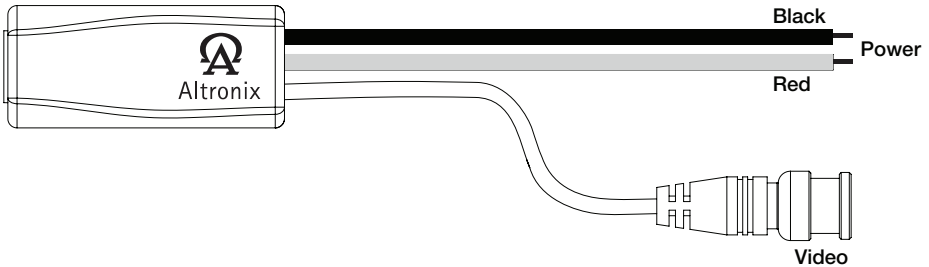


## Installation Guide

### Overview:

HubWayAvP Video Balun/Combiner, to be used with HubWayH16 Passive UTP Transceiver Hub, routes Video and Power from the Altronix HubWay or HubSat units for fixed cameras.

Fig. 1 - HubWayAvP



HubWayAvP passes AC voltage from pins 3, 4, 5, 6, 7, 8 to terminals marked [AC Power] (Fig. 2, pg. 1).

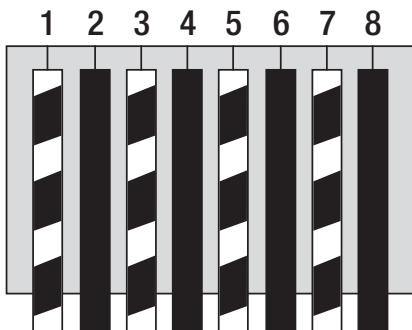
### Specifications:

- Pass through video/power.
- 75 Ohm video input.
- 1A supply current (based on power supply rating).
- Low profile fits inside dome cameras and back boxes.

### Installation Instructions:

1. Plug the RJ45 connector at one end of the structured cable into the RJ45 jack marked [Channel 1] of the Altronix HubWayH16 UTP Passive Transceiver Hub (refer to *HubWayH16 UTP Passive Transceiver Hub Installation Instructions*). Plug the RJ45 connector at the opposite end of the structured cable into the RJ45 jack of the HubWayAvP Video Balun/Combiner installed at Camera 1.  
Repeat this step for all cameras.
2. Connect the power output wires of the HubWayAvP to the power input terminals of the camera (Fig. 1, pg. 1).
4. Verify proper polarity before connecting to DC camera(s).
5. Connect the BNC connector of the HubWayAvP to the BNC video output of the camera (Fig. 1, pg. 1).

Fig. 2 - CAT-5 Structured Cable Wiring Color Codes

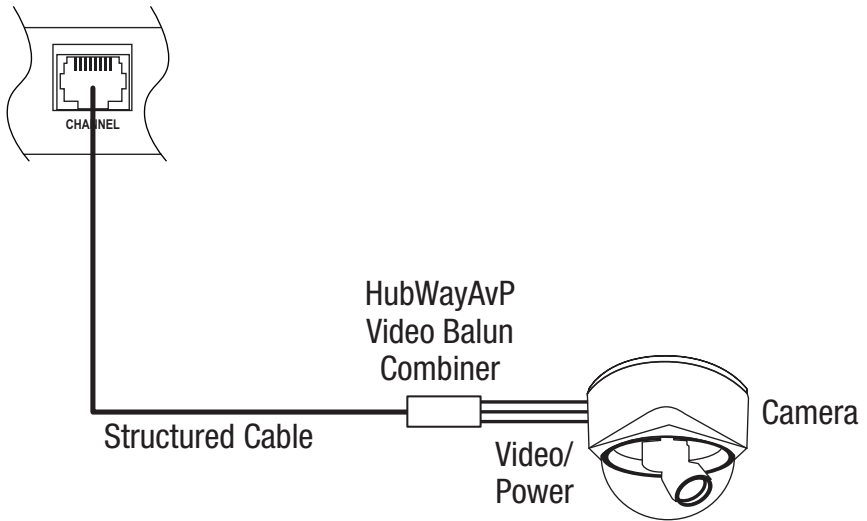


- 1 - White/Orange [VIDEO +]
- 2 - Orange [VIDEO -]
- 3 - White/Green [AC 2]
- 4 - Blue [AC 1]
- 5 - White/Blue [AC 2]
- 6 - Green [AC 1]
- 7 - White/Brown [AC 2]
- 8 - Brown [AC 1]

## Typical Application Drawings:

Fig. 3

### HubWayH16 UTP Passive Transceiver Hub



Altronix is not responsible for any typographical errors.

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