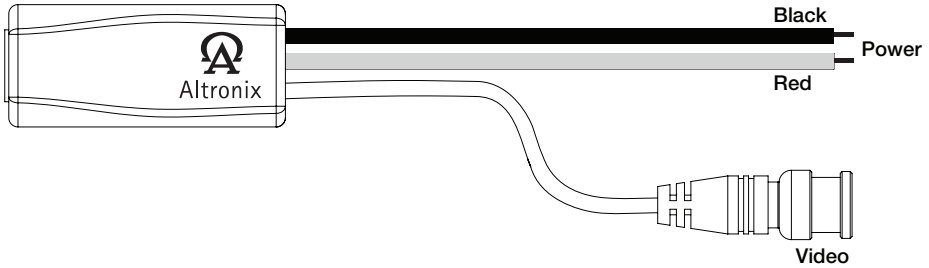## HubWayAvP
Video Balun/Combiner

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

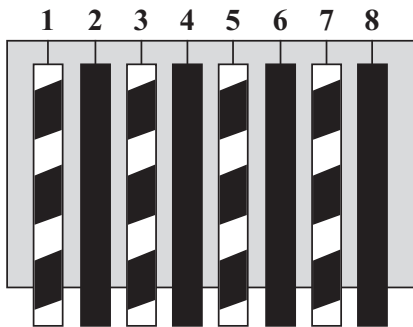HubWayAvP passes AC voltage from pins 3, 4, 5, 6, 7, 8 to terminals marked [AC Power] *(Fig. 2, pg. 1)*.

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)*.

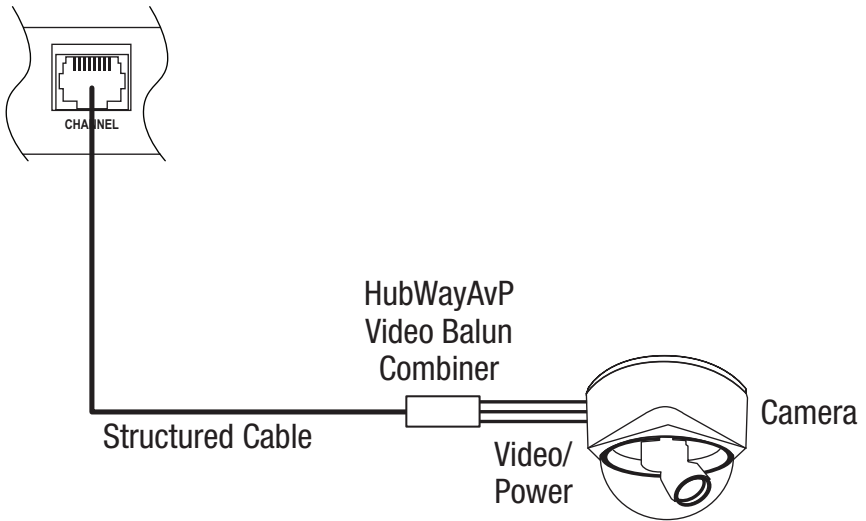*Fig. 2 - CAT-5 Structured Cable Wiring Color Codes*

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

CHANNEL

HubWayAvP
Video Balun
Combiner

Camera

Structured Cable

Video/
Power

MEMBER