

### **Overview**

Altronix HubWayEX16SP Active UTP Transceiver Hub w/Integral Isolated Camera Power employs *automatic gain control (AGC)* to transmit UTP video, RS422/RS485 data and power over a single CAT-5 or higher structured cable. Units provide 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 one (1) mile max. per channel.



HubWayEX16SP

### **Specifications**

**Input:**

- 115VAC 60Hz, 2.5 amp or 230VAC 50Hz, 1.5 amp.

**Video:**

- Sixteen (16) channels of video over twisted pair up to a distance of 5000 ft. per channel.
- Sixteen (16) 75 ohm video outputs.

**Data:**

- RS422/RS485 data inputs.

**Power:**

- Unit provides up to 1 amp max. per channel.
- Individually selectable 24VAC or 28VAC isolated power outputs with OFF position.
- Individual electronically isolated PTC outputs.
- PTCs are rated @ 1 amp per channel.
- Surge suppression.

**Electrical:**

- Operating temperature: 0° C to 49° C ambient.
- Total system power consumption: 450 W.
- 171 BTU/Hr.
- System AC input VA requirement: 450VA.

**Mechanical:**

- Units can be rack, wall or shelf mounted.
- Modular 1U standard EIA 19" rack mount chassis.

**Mechanical (cont'd):**

- Enclosure Dimensions (H x W x D approx.): 1.625" (41.275mm) x 19.125" (486mm) x 8.5" (216mm)
- Product weight (approx.): 19.8 lbs. (8.98 kg.).
- Shipping weight (approx.): 22.15 lbs. (10.05 kg.).

**Features:**

- Picture and Gain control.
- Automatic correction for reverse video polarity.
- Sixteen (16) video signal LEDs.
- Illuminated master power disconnect circuit breaker with manual reset.
- IEC 320 - 3-wire grounded line cord (detachable).

**Accessories:**

- Video Balun/Combiners:
  - **HubWayAv2 Slim-line** - compatible with all HubWay UTP Hubs for AC or DC fixed cameras or PTZs.
  - **HubWayDv** - compatible with all HubWay UTP Hubs for DC fixed cameras or PTZs.
  - **HubWayDvi** - built-in isolation. Compatible with all HubWay UTP Hubs for DC fixed cameras or PTZs.

### **Agency Approvals**



UL Listed for Commercial CCTV Equipment (UL 2044).

**Enclosure Dimensions (H x W x D) (approximate):**  
1.625" (41.275mm) x 19.125" (486mm) x 8.5" (216mm)

