

HubWayLD16D

Active UTP Transceiver Hub with Integral Camera Power



HubWayLD16D

Description

Altronix HubWayLD16D Active 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 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 3000 ft. max. per channel. Units are compatible with AC and/or DC fixed or PTZ cameras when utilizing Altronix HubWayAv, HubWayAv2, HubWayDv or HubWayDvi Video Balun/Combiners. In addition, the unit features individually selectable 24VAC or 28VAC PTC protected outputs with surge suppression. An optional HubSat4D Passive UTP Transceiver Hub with Integral Camera Power 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 HubWayLD16D. In addition, the HubSat4D provides power to these cameras locally to eliminate the possibility of voltage drop associated with long cable runs.

Specifications

Input

Voltage	115VAC, 60Hz, 3A or 230VAC, 50/60Hz, 1.5A.
Fusing	Primary fuse (internal) is rated at 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 10A maximum current.
Other	Surge suppression.

Video

Sixteen (16) channels of video over twisted pair up to a distance of 914.4m (3,000 ft.) per channel.	
Sixteen (16) 75 Ohm video outputs.	
Picture and gain control.	

Data

RS422/RS485 data inputs.

Indicators (LED)

Outputs	Sixteen (16) individual power LED indicators.
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Agency Listings

UL	UL 2044 (Commercial CCTV 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 8.5" (41.3mm x 486mm x 216mm).	
Product Weight	20.85 lbs. (9.46 kg).
Shipping Weight	22.15 lbs. (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.

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Accessories



HubWayEXP

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.
UL/cUL Listed. CE Approved.



HubSat4D/4Di

HubSat4/4Di 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.
UL/cUL Listed. CE Approved.

Video Balun/Combiners



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 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.



HubWayDv

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.



HubWayDvi