

HubWay8DS

Passive UTP Transceiver Hub with Integral Camera Power



HubWay8DS

Description

HubWay8DS 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. Unit provides 8 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 750 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.

Unit also 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 HubWay8DS. In addition, HubSat4D provides power to these cameras locally to eliminate the possibility of voltage drop associated with long cable runs.

Specifications

Input

Voltage 115VAC, 60Hz, 1.5A or 230VAC, 50/60Hz, 1A.

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 5A maximum current.

Other Surge suppression.

Video

Eight (8) channels of video over twisted pair up to a distance of 228.6m (750 ft.) per channel.

Eight (8) 75 Ohm video outputs.

Data

RS422/RS485 data inputs.

Indicators (LED)

Outputs Eight (8) individual power LED indicators.

Agency Listings

UL UL 2044 (Commercial CCTV Equipment).
CE European Conformity.
C-Tick compliant.

Physical and Environmental

Enclosure Dimensions (H x W x D)

Modular 1U standard EIA 19" rack mount chassis.

1.625" x 19.125" x 8.5" (41.3mm x 486mm x 216mm).

Product Weight 10.4 lbs. (4.72 kg).

Shipping Weight 11.7 lbs. (5.31 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: 61 BTU/Hr.

28VAC: 72 BTU/Hr.



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Accessories



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

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

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.