

16 Channel Passive Video, Power, Data Transceiver Hub with AC Power Supply in 1U Rack Mounting Hub

ITEM NO.: HTA-TPP016VPJ45 , HTA-TTP111VPJ45

The 16-channel TPP016VPD is using standard CAT5 & RJ45 structured building wiring to carry video and power for simplifying short range installation by centralizing power and reducing installation labor costs. The built in AC24V power supply could support at-distance camera loads up to 500mA per channel.



Features:

HTA-TPP016VPJ45 16 Channel Passive Video and Power Transceiver Hub with AC Power Supply in 1U Rack Mounting Hub

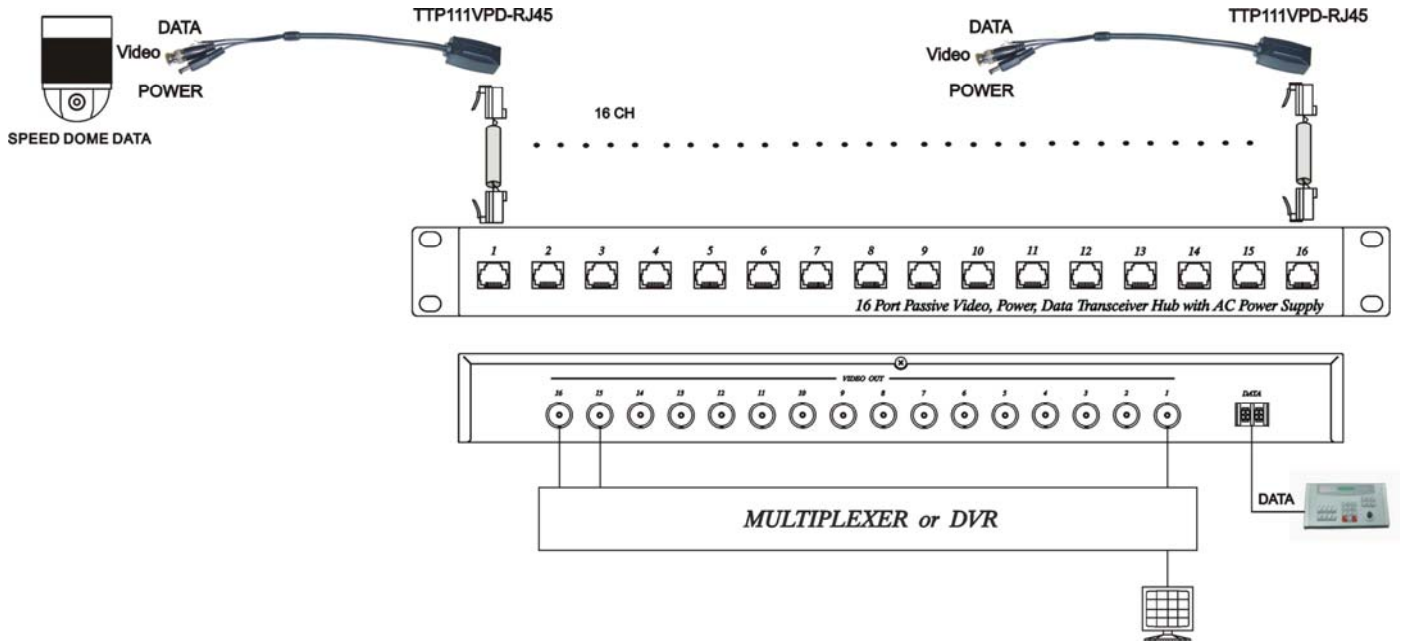
- HTA-TPP016VPJ45 Integrate and send video and power over a single RJ45 4 pairs cable for up to 300 meters.
- Each RJ45 connector for connecting power, video and data to and from video-power transceiver at each camera, for up to 16 cameras.
- 16 x RJ45 connector for 16 channel video input and power output
- 16 x BNC connector for 16 channel video output to DVR
- Power cameras via UTP cable for variety distances (please refer to below power distance chart).
- 8Amp AC24V power, each port output current up to 1.1Amp for camera, max up to 8 Amp.
- Built in “smart fuse” to avoid current overload.
- Built in PTC (positive temperature coefficient) for short protection and auto rework on each port.
- Built in surge protection.
- Use with HTA-TTP111VPJ45 video and power transceiver at the camera side.
- Perfect cable management solution from the camera to the wiring station, control room.

HTA-TTP111VPJ45

- Video, power, Data (RS485 / RS422) transmission over one CAT 5 cable.
- Monochrome video signal up to 1800ft, color video signal up to 1200ft.
- BNC for video, power cord for power, screw terminal for data.
- Passive, no power required.
- Eliminates costly coaxial cables and minimize installation time.
- Use with HTA-TPP016VPJ45 for 16 channel video, power, data over professional CAT 5 RJ45 connection.

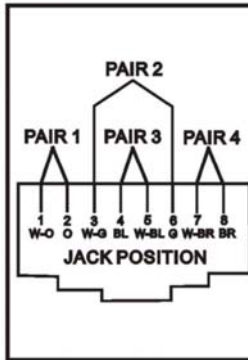


Installation View:



RJ-45 Jack Pin Define for Camera Connection

RJ - 45 Jack			
PIN	Color	Function	
1	W-O	Data +	
2	O	Data -	
3	W-G	Power -	
4	BL	Power +	
5	W-BL	Power -	
6	G	Power +	
7	W-BR	Video +	
8	BR	Video -	



AC24V Power Distance Chart over UTP cable:

CAT5 Cable (24AWG)	Range
2 PAIRS/AC24V	
100 mA	300 Meters
300mA	100 Meters
1 Amp	30 Meters

Specification:

ITEM NO.	HTA-TTP111VPJ45
VIDEO (BNC Connector)	1 (1V p-p, 75 Ohms)
TRANSMISSION INTERFACE	RJ45
TRANSMISSION DISTANCE	600M(B/W), 300M(COLOR)
DATA Connector	1
CABLE	Twisted Pair CAT5 (AWG24)
POWER	V
DIMENSIONS W x H x D mm	69x25x20.5 with 25cm cable

ITEM NO.	HTA-TPP016VPJ45
Video, Power Input	16 x RJ45 connector for 16 Port
Data Input	2 screw terminal
Video Output (BNC Connector)	16 Port, 1Vp-p, 75 ohms
Power	8AMP, AC120V/230V to AC24V Each port output current 1.1A (Max.)
Recommend Cable	CAT 5 Cable 4 Pairs (24 AWG)
Operating Temperature	-20 ~ 70°C
Dimension W x H x D mm	482x170X44 (1U)
Weight g	5070 g
Material	Metal Black