Introduction

TTP016HD is a 16 port passive video transceiver (TTP111HD) built in a 1U 19" rack mounting panel.

Features

- Supports HD-TVI, AHD, HDCVI video formats.
- Resolution up to 300M.
- No power required.

Installation View

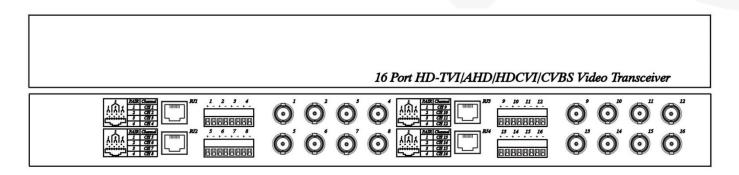


HD-TVI/AHD/HDCVI/CVBS Video Balun Distance Chart

HD-TVI	AHD	HDCVI	CVBS
1080P 250M	1080P 250M 4MP	1080P 300M	300M
5MP 200M	200M	5MP 200M	

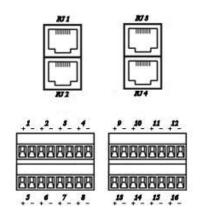
The distance may effected by the quality of cable, camera, DVR. This installation should be made by a qualified service person and should conform to all local codes.

Panel View



RJ-45 Jack Pin Define

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	RJ - 45 Jack 4					RJ - 45 Jack \$	
	PIN	Color	Function	11	PIN	Color	Function
NO 2 NO M. WELL SWAR BY JACK POSITION	1	W-O	V-O Video1+	1	W-O	Video 9+	
	2	0	Video1 -	No o we st. wat a war sir JACK POSITION	2	0	Video 9 -
	3	W-G	Video2+		3	W-G	Video #+
	4	G	Video3 -		4	G	Video 11 -
	5	W-BL	Video3+		5	W-BL	Video#+
	6	BL	Video2 -		6	BL	Video 10 -
	7	W-BR	Video 4 +		7	W-BR	Video 12+
	8	BR	Video 4 -		8	BR	Video #2-
	RJ - 45 Jack 2			1	RJ - 45 Jack #		
		RJ - 4	5 Jack 2			RJ-4	5 Jack 4
	PIN	RJ - 4	5 Jack 2 Function	1	PIN	RJ - 4	15 Jack ≠ Function
	PIN 1				PIN 1		
	_	Color	Function		_	Color	Function
1 2 3 4 5 6 7 8 WO O W-G N. W-GL OW-GR RR	1	Color W-O	Function Video5+	1 2 3 4 5 6 7 8 Wo O W-9 SL W-9L G W-9 SR	1	Color W-O	Function Video#+ Video#-
NO 0 NO M WALS WAR BY JACK POSITION	1 2	W-O O	Function Video5+ Video5-	1 2 3 4 5 6 7 8 Wo 0 W-9 IL Well 6 WARE IN JACK POSITION	1 2	Color W-O	Function Video#+
	1 2 3	W-O O W-G	Function Video 5 + Video 5 - Video 6 +		2	W-O O W-G	Function Video # + Video # + Video # -
	1 2 3 4	W-O O W-G G	Function Video 5 + Video 5 - Video 6 + Video 7 -		1 2 3 4	W-O O W-G	Function Video#+ Video#+
	1 2 3 4 5	W-O O W-G G W-BL	Function Video 5 + Video 6 + Video 7 - Video 7 +		1 2 3 4 5	W-O O W-G G W-BL	Function Video # + Video # + Video # - Video 15 - Video 15 -

NOTE: These devices is reversible, BNC connector = RJ45

This installation should be made by a qualified service person and should conform to all local codes.

Cable

Use high quality CAT5e UTP or CAT6 UTP cable. The max working distance is 300M. The distance may effected by the quality of cable, camera, DVR.

Caution

- 1. The cabling must away from any equipment with electromagnetic wave, i.e.: microwave, radio equipment, high voltage.
- 2. Must use same video format camera to avoid any interference.

Specification

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ITEM NO.	TPP016HD			
Support				
Video Format	HD-TVI, AHD, HDCVI, CVBS			
Max. Video Resolution	4K (8MP)			
Video Bandwidth	50 to 60MHz (-3dB)			
Transmission Distance	HD-TVI 150M at 4K AHD 150M at 4K HDCVI 250M at 4K CVBS 400M at NTSC/PAL			
Ports & Interfaces				
Video Input/ Output	4 x 8-Pin Terminal Block (100 Ohm)/ 4 x RJ45			
Video Output	16 x BNC (1 Vp-p, 75 Ohm)			
Protection				
ESD Protection	30 KV(Air), 15 KV (Contact) , IEC 61000-4-2			
EFT Protection	40A(5/50ns), IEC 61000-4-4			
Lightning Protection	2A (8/20μs), IEC 61000-4-5			
Response Time	Less than 1 ns			
Ambient Temperature				
Operation	0 to 55°C			
Storage	-20 to 85°C			
Humidity	Up to 95%			
Physical Characteristics				
Dimensions	483 x 103.5 x 44mm			
Weight	1380g			