

TVI16UTP 16-Channel HD Video Passive Transceiver



FEATURES

- Built in 16-port passive HD video transceiver in 1U 19" rack mounting panel.
- Choice of 4 x RJ45 or 4 sets x 8 pin removable screw terminal for 16 channel inputs /outputs.
- Used to send HD-TVI/AHD/CVI/ CVBS signal over UTP cable.
- Good for resolutions up to 5MP.
- Passive, no power required.
- Eliminate coaxial cable.
- Use in conjunction with TVIUTP or TVIUTPPT (Sold Separately).
- Built in ESD, EFT (impulse noise) and transient protection.

INSTALLATION VIEW

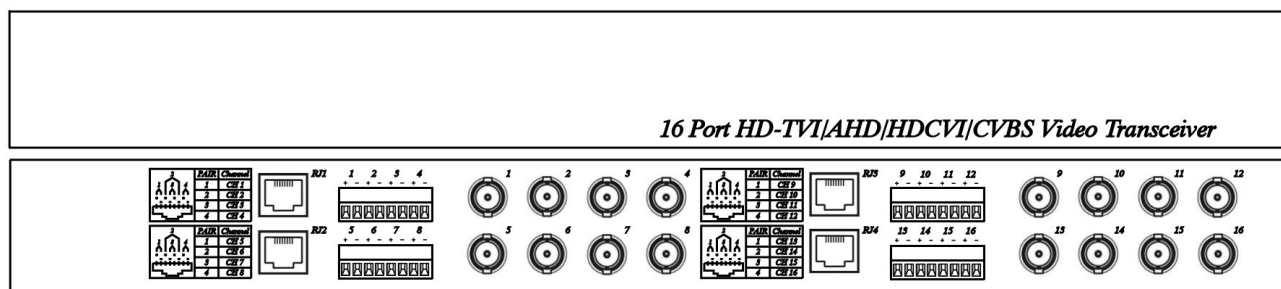


HD-TVI/AHD/HDCVI/ CVBS Video Balun Distance Chart

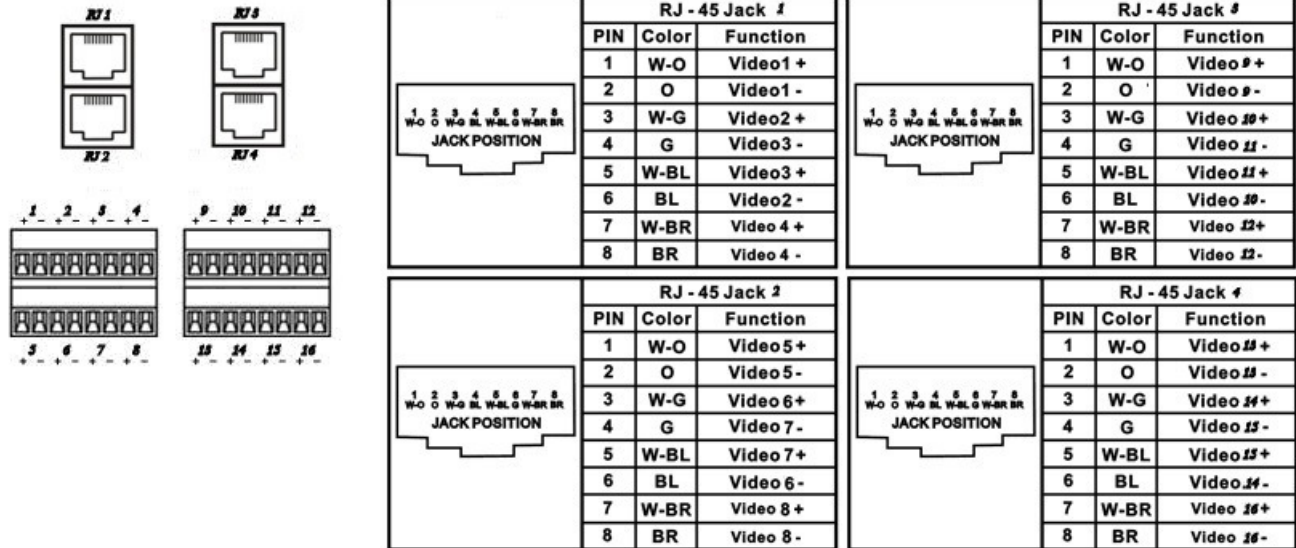
HD-TVI	AHD	HDCVI	CVBS
1080P 820' (250M) 5MP 656' (200M)	1080P 820' (250M) 4MP 656' (200M)	1080P 984' (300M) 5MP 656' (200M)	984' (300M)

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

PANEL VIEW



RJ45 JACK PIN DEFINITION



NOTE: These devices are reversible, BNC connector = RJ45

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RECOMMENDED CABLE

Use high quality CAT5e UTP or CAT6 UTP cable. The maximum working distance is 984' (300m). The distance may be affected by the quality of cable, camera, DVR.

CAUTION

1. The cabling must be kept away from any equipment with electromagnetic waves, i.e.: microwaves, radio equipment, high voltage, etc.
2. Must use the same video format camera to avoid any interference.

SPECIFICATIONS

Video Input /Output	BNC x 16 (1 Vp-p , 75 Ohm)
RJ45 Output	8 Pin removable terminal x4 (100 Ohm) /RJ45 x4
Cable	CAT5e/CAT6 or UTP
Bandwidth	50Hz ~ 60MHz (-3dB)
Transmission Distance	1080P: HD-TVI 820' (250M), AHD 820' (250M), HD-CVI 984' (300M) 4M/5MP: HD-TVI 656' (200M), AHD 656' (200M), HD-CVI 820' (250M) CVBS: 984' (300M)
Power	Passive
ESD protection	30 KV(Air) , 15 KV (Contact) ; IEC 61000-4-2 compliant
EFT protection	40A(5/50ns) ; IEC 61000-4-4 compliant
Lightning protection	2A (8/20μs) ; IEC 61000-4-5 compliant
Surge Protection Attack Time	< 1 nS
Environmental Specifications	Operation: 32 to 131°F (0 to 55°C), Storage: -4 to 185°F (-20 to 85°C) Humidity: up to 95%
Dimensions (W x H x D)	19" (483mm) x 4.1" (103.5mm) x 1.73" (44mm) (1U)
Weight	3 lbs. (1380g)

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