

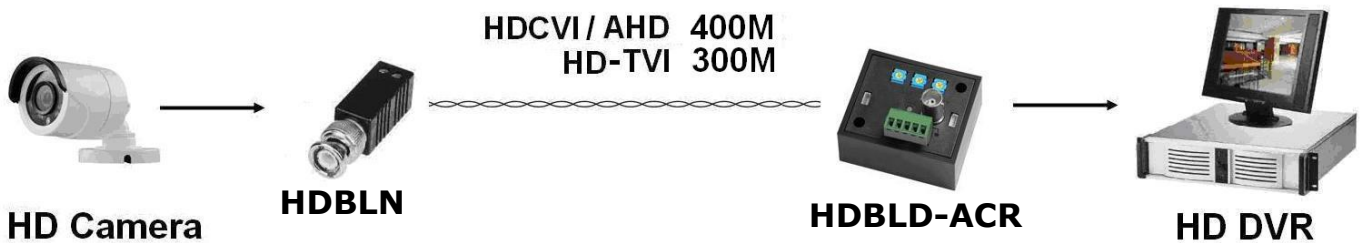
**HD-TVI/AHD/HDCVI Active Twisted Pair Transmission System**  
**ITEM NO.: HDBLN-ACR HD-TVI/HD-CVI/AHD UTP Active Receiver**



- HD-TVI, AHD, HDCVI UTP active receiver.
- To work with passive transmitter HDBLN for good quality picture.
- Support HD-TVI 1080p/720p 300M.
- Support HDCVI 1080p/720p 400M.
- Support AHD 1080p/720p 400M.
- Work with HD-TVI, AHD, HDCVI UTP active transmitter for longer distance.
- Built in middle frequency, high frequency and brightness adjustment.
- Allow using one power adapter for multiple amplifiers, a jumper is needed to extend power. ( Max of 5 units per power adapter)
- Package includes a jumper and power adapter.

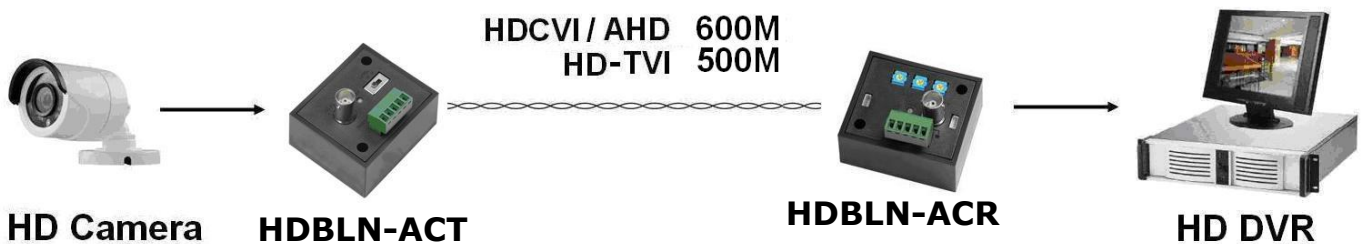
**Installation View:**

**Work with Passive HD Video Balun**

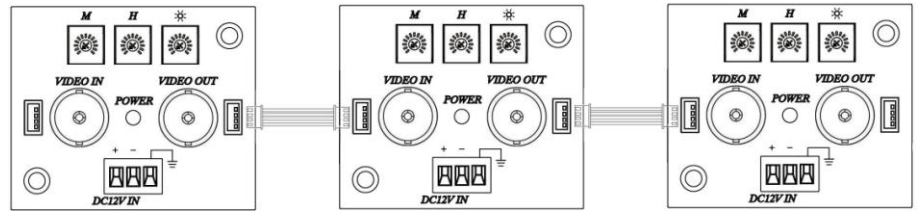
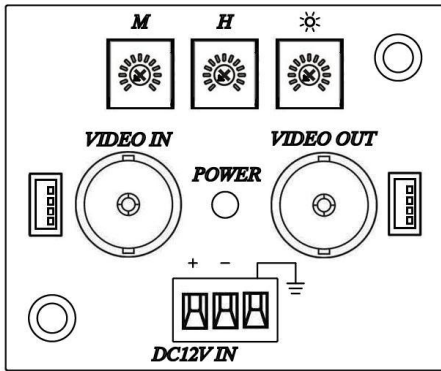


**Work with HD UTP Active Transmitter**

**TTA111HDT HD-TVI/HDCVI/AHD UTP Active Transmitter**



## Panel view & Function:



- When using multi amplifier, a jumper is needed to extend power. ( Max of 5 units per power adapter)

## LED Indication:

GREEN

ON                      Power ON  
OFF                     Power OFF

## Adjustment Switch:

M: Middle frequency gain

H: High frequency gain

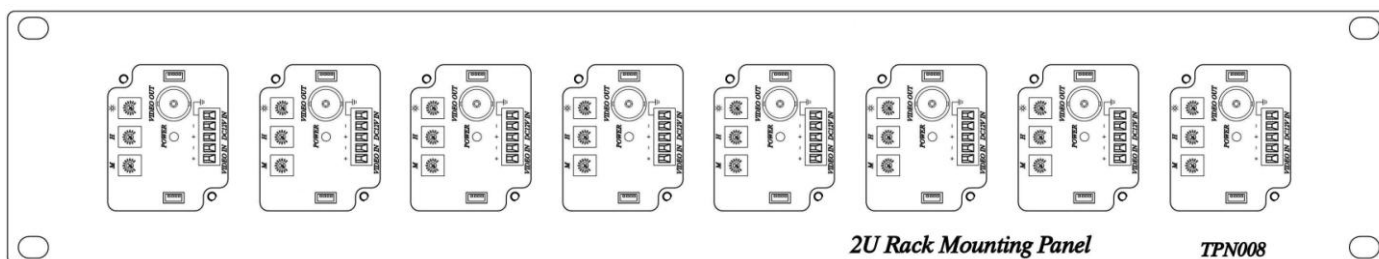
Brightness

## Cable & Transmission Distance :

Link cable recommend use high quality 75ohm coaxial RG59/RG6U cable. The transmission distance will be affected by different quality of Camera, DVR and BNC connector, cable, installation...etc.

## HD-TVI/AHD/CVI Twisted Pair Transmission Chart

Transmitter	Active Receiver	HD-TVI Distance ( M )	AHD Distance ( M )	HDCVI Distance ( M )
Passive HD Video Balun	HDBLN-ACR	300M	400M	400M
Active HD Active Transmitter	HDBLN-ACR	500M	600M	600M



## Trouble Shooting :

1. Recommend the shortest connection distance over 150M to avoid too strong signal amplification.
2. If the middle & high frequency/sharpness gain adjustment are too strong or too weak that will cause video distortion, color change or disappear, please do properly adjustment based on different distance.
3. The unit built in transient protection, please make sure to make the proper grounding.
4. When using chainable power for HDBLN-ACR, the max. could connect up to 5 units; make sure the power adapter used must be bigger than the total power consumption.

## Specification:

ITEM NO.	HDBLN-ACR
Video Format	HD-TVI, HD-CVI
Video Input	5 pin removable terminal x 1 (100 Ω)
Video Output	BNC x 1 (75 Ω , 1 Vp-p)
Cable	UTP CAT5e/CAT6
Transmission Distance	AHD / HDCVI:400M @ 1080p, HD-TVI:300M @ 1080p
Power Supply	DC 12V 500mA
Power Consumption	150mA(Typical), 220mA (Max)
Temperature	Operation: 0 to 55°C, Storage: -20 to 85°C, Humidity: up to 95%
Dimensions W x H x D mm	57.8 x 49.2 x 43.7
Weight g	70

RoHS CE FC

Rev. A