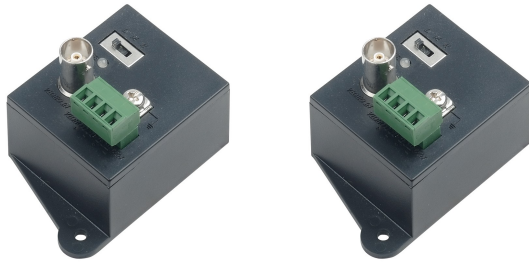


Twisted Pair Transmission System – Auto Gain Active Series

ITEM NO.: TTA111VA (TTA111VT + TTA111VHA) Auto Gain Active Transmitter+Receiver

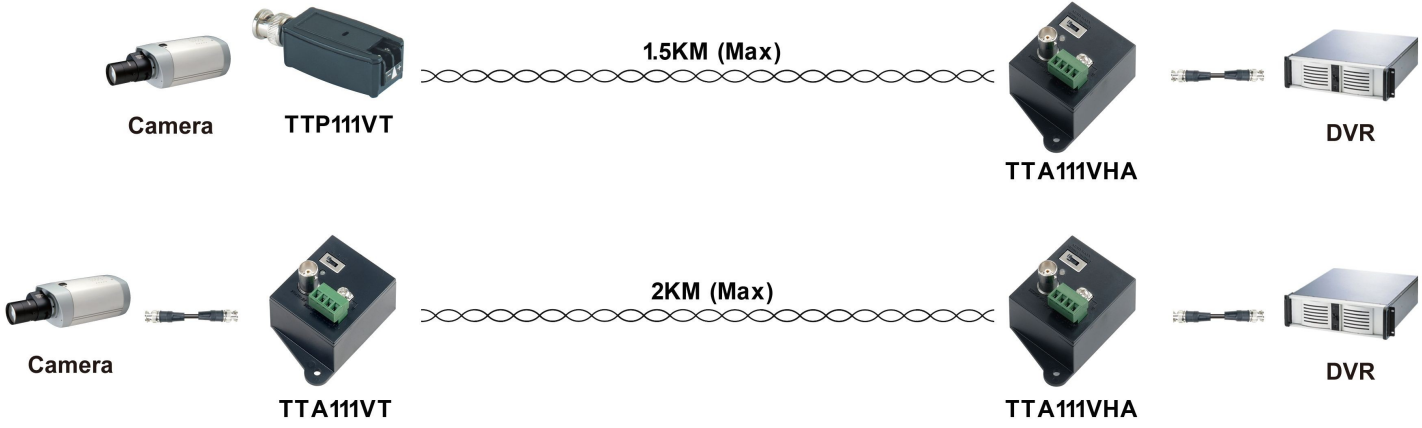


Features:

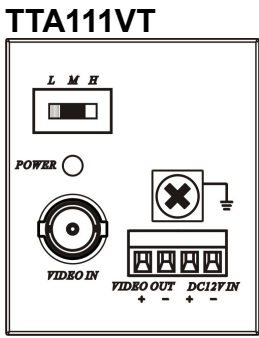
- To send a full motion color video signal up to 2KM over UTP cable with TTA111VA.
- Transmitter built in L, M, and H high frequency video gain.
- Built in two mode auto gain control at receiver.
- Built in transient protection and ground lifting, damaging voltage spike problems are eliminated.
- Perfect for high resolution TVL camera.
- Up to multi pieces TTA111VT transmitter can work with auto gain 4 channel Hub TTA414VRA or 1U rack mounting TPA008A/TPA008AH, TPA016A/TPA016AH auto gain receiver panel.

Installation View:

Work with Passive Transmitter 1.5KM, Active Transmitter TTA111VT up to 2KM.



Panel view & Function:



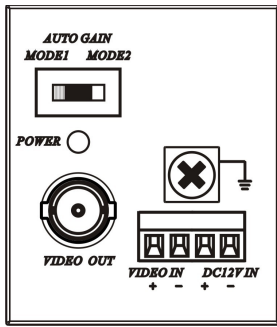
LED Indication:

Green: ON / Power on

Slide Dip Switch for Video Gain :

- L High frequency gain - 6 dB
- M High frequency gain +3 dB
- H High frequency gain +6 dB

TTA111VHA



LED Indication :

Green: Power On/off

Auto Gain 2 Mode Function:

MODE	Function
MODE1	Fix the auto gain value after Automatic Equalization successful completed
MODE2	Continuously and Automatically Equalization

MODE1: Suitable for general application, If need the re- equalization, please switch to mode 2, then switch back to mode 1.

MODE2: Suitable for special environment application. It automatically detects the cable length and continued to do equalization.

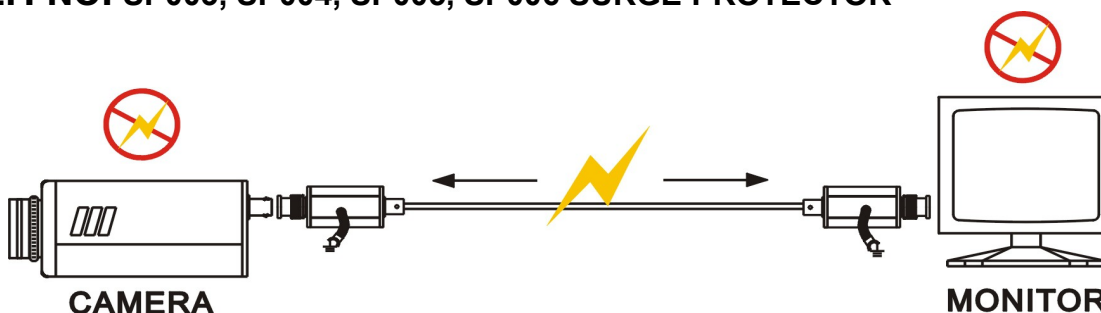
Troubleshooting:

The unit built in transient protection, please make sure to make grounding.

Option:

To protect high value camera and CCTV image processor/monitoring equipment destroyed from high voltage surges from nearby lightning strikes, the long-range twisted pair cable go through outdoors. To add surge protector SP003-SP006 device on the back of camera and front of CCTV image processor/monitoring equipments. Small money to save high value CCTV equipments.

ITEM NO: SP003, SP004, SP005, SP006 SURGE PROTECTOR



Recommend WT104PE Outdoor CAT5 UTP Twisted Pairs cable with PE jacket and steel wire, and use surge protector SP003-SP006 to avoid the damage of twisted pair system under lightning, thunderstorm weather environment.

Specification:

ITEM NO.	TTA111VT
Video Format	NTSC / PAL
Video Input	BNC x 1 (75 Ω , 1 Vp-p)
Video Output	4 pin removable terminal x 1 (100 Ω , Max 3 Vp-p)
Switch	Slide switch x 1
Power Supply	DC 12V 500mA
Power Consumption	75 mA (Max)
Temperature	Operation: 0 to 55°C, Storage: -20 to 85°C, Humidity: up to 95%
DIMENSIONS mm	43.2 × 74 × 45.2
WEIGHT g	55

ITEM NO.	TTA111VHA
Video Standard	NTSC / PAL
Video Input	4 pin removal terminal x 1 (100Ω , 1 Vp-p)
Video Output	BNC x 1 (75 Ω , 1 Vp-p)
Link Cable	CAT.5 (24 AWG)
Power Consumption	100mA
Power Supply	DC 12V 500mA
Temperature	Operation: 0 to 55°C, Storage: -20 to 85°C, Humidity: up to 95%
Dimensions	43.2 × 74 × 45.2
Weight	45

RoHS CE FC  Rev. B

Option For TTA111VA:

TPN009 2U RACK MOUNTING PANEL

Features:

- Ideal for security monitoring stations or video distribution hubs.
- Standard 19-inch (482mm) wide, 3.5-inch (88mm) 2U high.
- Supports up to 9 pieces of TTA111VT OR TTA111VHA.
- This heavy-gauge panel is designed to withstand the mechanical load of multiple cables.

