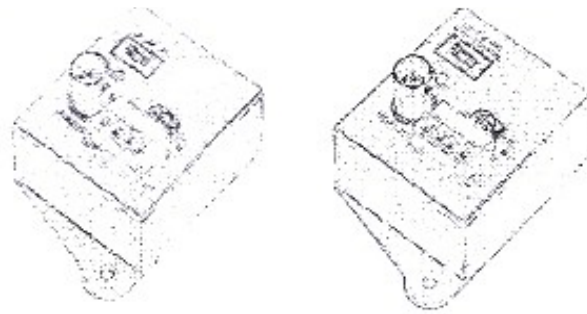


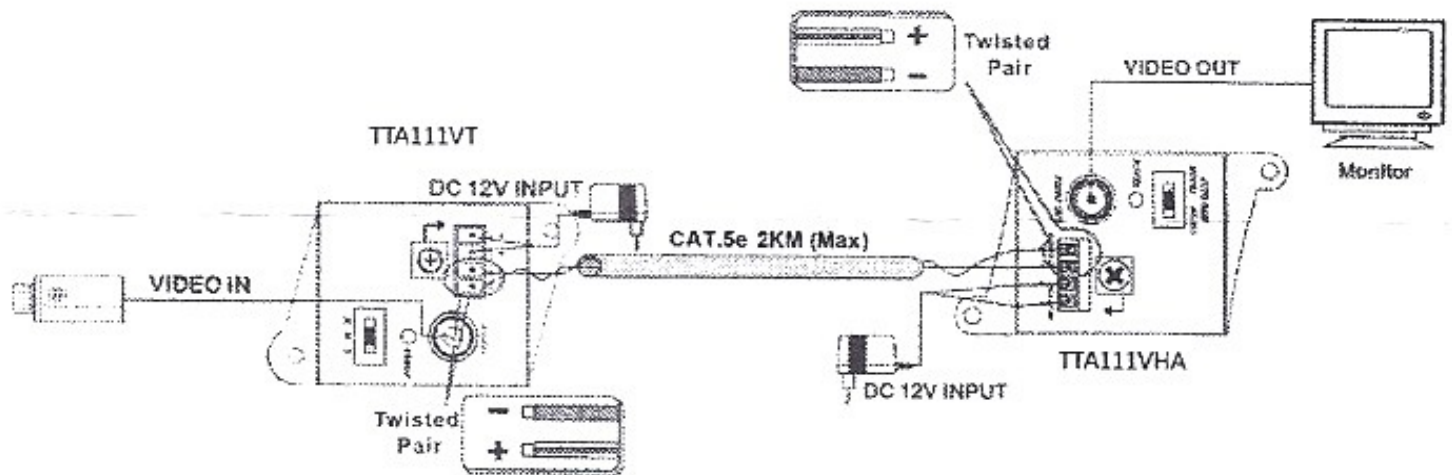
# Twisted Pair Transmission System – Auto Gain Active Series



## Features:

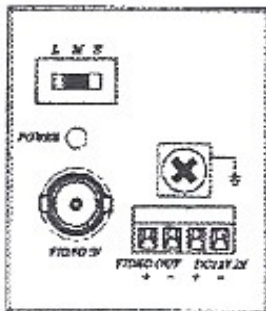
- To send a full motion color video signal up to 2KM over UTP cable with TTA111VA.
- Transmitter built in L, M, and H high frequency video gain.
- Built in two mode auto gain control at receiver.
- Built in transient protection and ground lifting, damaging voltage spike problems are eliminated.
- Built in a highly balanced mode of video transmission for extra interference rejection.
- 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:



## Panel view & Function:

### TTA111VT



BUY ON  
[www.cablematic.com](http://www.cablematic.com)

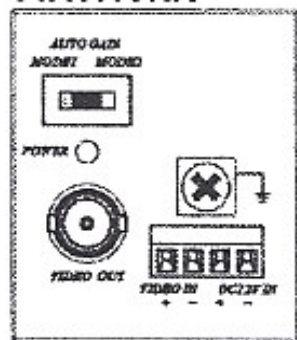
## LED Indication:

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



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### 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.

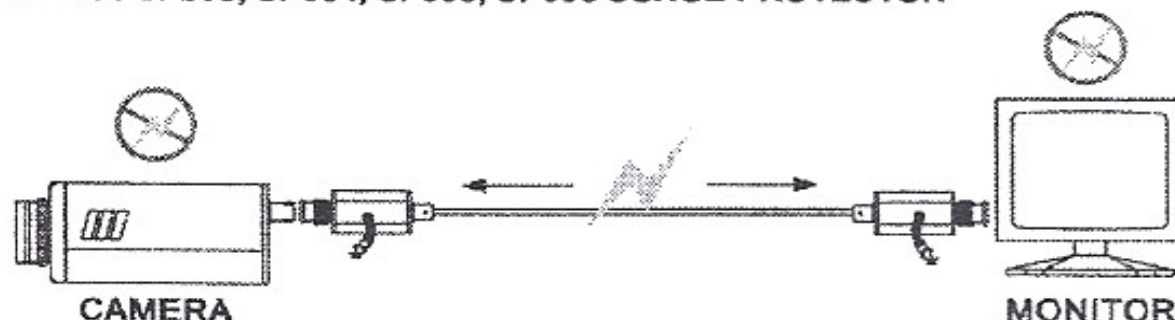
### Troubleshooting:

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 protection 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 $\Omega$ · 1 Vp-p)	
Video Output	4 pin removable terminal x 1 (100 $\Omega$ · 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 (100 $\Omega$ · 1 Vp-p)	
Video Output	BNC x 1 (75 $\Omega$ · 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	mm	43.2 × 74 × 45.2
Weight	g	50

RoHS   

Rev. D