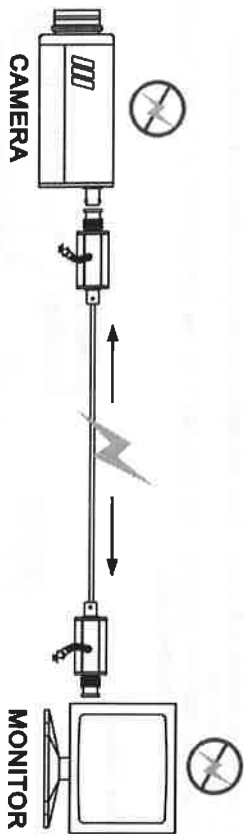


Option:

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 AMG1216 device on the back of camera and front of CCTV image processor/monitoring equipments. Small money to save high value CCTV equipments.

ITEM NO: AMG1216 SURGE PROTECTOR



Recommend WT104PE Outdoor CAT 5 UTP Twisted Pairs cable with PE jacket and steel wire, and use surge protector AMG1216 to avoid the damage of twisted pair system under lightning, thunderstorm weather environment.

Specification:

ITEM NO.	AMG1111
VIDEO INPUT	1 Vp-p , 75 Ohms (BNC Connector)
DC INPUT	DC 12V
POWER CONSUMPTION	50mA(max)
COLOR BURST ADJUSTING	Press 1 0-300M
	Press 2 300-600M
	Press 3 600-900M
	Press 4 900-1200M
	Press 5 1200-1500M
VIDEO GAIN ADJUSTING(LUMINANCE)	100 I.R.E. (MAX)
RECOMMENDED CABLE	CAT-5 UTP Cable 4 pair (24AWG)
DIMENSIONS	W x H x D mm 49x42x45

ITEM NO.	AMG1112
VIDEO OUTPUT	1Vp-p , 75 Ohms (BNC Connector)
DC INPUT	DC 12V
POWER CONSUMPTION	40mA(max)
VIDEO GAIN ADJUSTING	Press 1 0-300M
	Press 2 300-600M
	Press 3 600-900M
	Press 4 900-1200M
RECOMMENDED CABLE	CAT-5 UTP Cable 4 pair (24AWG)
DIMENSIONS	W x H x D mm 49x42x45

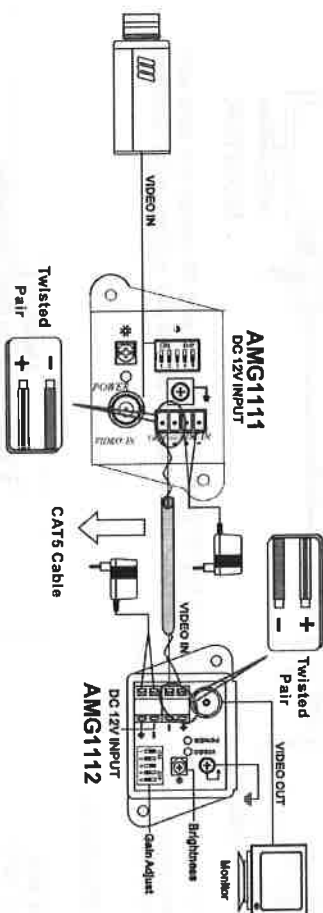
RoHS CE FCC

Long Range Twisted Pair Transmission System – Active Series

ITEM NO.: AMG1113 (AMG1111 + AMG1112)

- Transmit a full motion color or monochrome video signal, color range 1500 meters, BW video signal up to 2400 meters.
- Video color burst and luminance adjustments at AMG1111 transmitter.
- Five position distance range switch on receiver AMG1112.
- System is integrated with alarm sensor (PIR, Magnetic, etc.) or data (Pan, Tilt, and Zoom).
- Built in transient protection and ground lifting, damaging voltage spike problems are eliminated.
- Red LED: Power on / off.
- Up to multi pieces AMG1111 transmitter can work with 4 channel Hub AMG1141 or 1U rack mounting AMG1181, AMH1161 receiver panel.

Installation View:

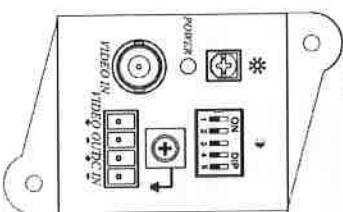


Troubleshooting:

All transmission distances mentioned above are without connecting image processor (E.g. Quad, Multiplexer, and DVR), the transmission range would be reducing 100-200meters upon different camera, cable, DVR...ECT.

1. These products are designed for long range transmission, the unit built in video amplifier function, if your transmission range under 100 meters, the video gain function is too big to have snow or wavy, bright image occurred. Recommend to use them with range at least over 100 meters or alternate passive video transceivers AMG111 series for short range transmission as well as cost saving.
2. Both of active transmitter and receiver have "5 position distance range switch" for different range transmission. Please switch to appropriate range upon your application to avoid any weak or bad image.

Panel View: AMG1111



AMG1112

