

Coaxial Cabling : Video Distributor & Video Amplifier Series

ITEM NO.: CA101A

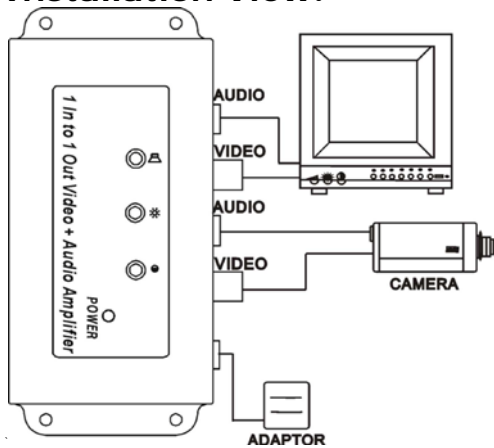


CA101 amplifier with Audio function is designed for long- range video transmission up to 1000 meters over RG59 coaxial cable. They are suitable for far distance, different floor in a building or different electrical field.

CA101A 1 Input to 1 Output Video and Audio Amplifier

- Wide bandwidth, video gain compensation amplification.
- Video and Audio level adjustment. (CA101A)
- HF compensation.
- 10dB adjustable image gain.
- Sharpness and Brightness adjustment.
- Transmission range: 1000 meters (RG59 coaxial cable)
- Red LED: power on/off.
- It can be connected video camera, multiplexer, VCR, DVR...etc.
- Power supply included.

Installation View:



Troubleshooting:

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

1. When finish the installation, but no video signal, please check Power LED and power source.
2. Video signal is not normal; please check “+” and “-” of cable.

Specifications:

ITEM NO.	CA101A
Video Input / Output	BNC x 1
Audio Input / Output	RCA x 1
Video Input Level	0.8~1.2Vp-p, 75 Ohms
Video Output Level	1Vp-p (Standard), 75 Ohms
Video Bandwidth	10hz - 10MHz
Transmission Range	1000 meters
Power Supply	DC12V / 500mA
Power Consumption	100mA
Temperature	Operation: 0 to 55°C, Storage: -20 to 85°C, Humidity: up to 95%
Dimensions mm	138 x 76.2 x 32
Weight g	100



Rev. B