

Coaxial Cabling : HD-TVI/AHD/HDCVI Video Amplifier

ITEM NO.: CA101HD HD-TVI/AHD/HDCVI Video Amplifier



CA101HD is special designed to boost the HD-TVI/AHD/CVI camera signal. It is perfect solution to boost the HD signal to offer the best quality picture without any video loss under long coax cable run. They are suitable for far distance, different floor in a building or different electrical field.

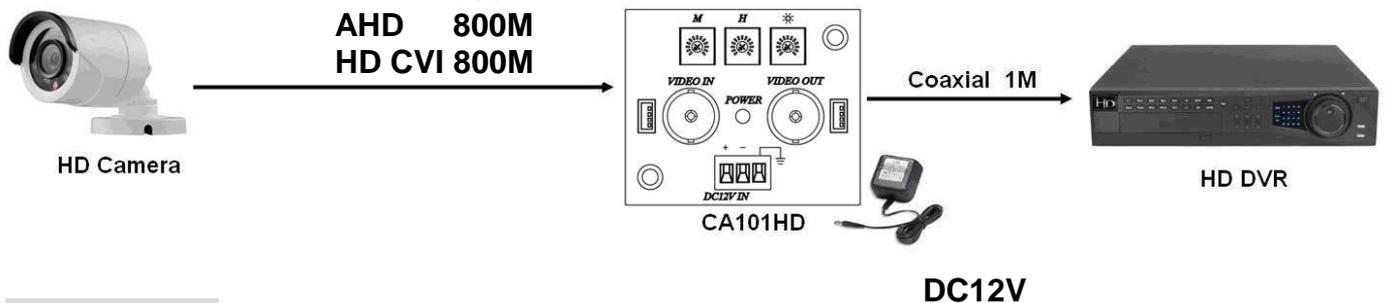
CA101HD HD-TVI/AHD/HDCVI Video Amplifier

Features:

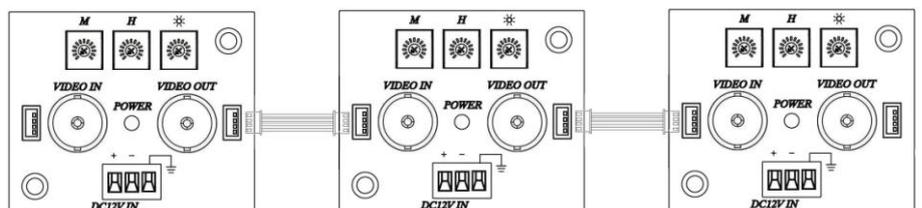
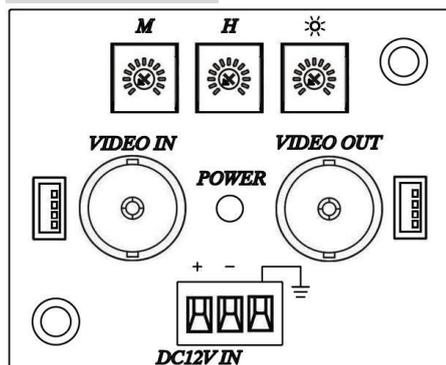
- To boost HDTV, AHD, HDCVI signal for longer distance over coax cable.
- Support HD-TVI 1080p/720p 600M
- Support HDCVI 1080p/720p 800M
- Support AHD 1080p/720p 800M
- Built in middle frequency, high frequency and brightness adjustment.
- Allow to use one power adapter for multiple amplifiers, a jumper is needed to extend power. (Max of 5 units per power adapter)
- Package includes a jumper and power adapter.

Installation View:

Install at DVR side:



Panel View:



- 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.

Transmission Distance Chart:

HD-TVI	AHD	HDCVI
600M	800M	800M

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 CA101HD, the max. could connect up to 5 units; make sure the power adapter used must be bigger than the total power consumption.

Specifications:

ITEM NO.	CA101HD
Video Format	HD-TVI/AHD/HDCVI
Video Input	BNC 75 Ohms
Video Output	BNC 75 Ohms
Distance	AHD / HDCVI : 800M@1080p, HD-TVI : 600M @1080p
Power Supply	DC12V 500mA
Power Consumption	85mA
Temperature	Operation: 0 to 55°C, Storage: -20 to 85°C, Humidity: up to 95%
Dimensions mm	57.8 * 49.2 * 41.7
Weight g	70



Rev. B