

Analog Camera to HDTV

AHD/TVI/CVI to HDMI

P/N: HDCN-AHD



User Manual

VER 1.0

Thank you for purchasing this product







For optimum performance and safety, please read these instructions carefully before connecting operating or adjusting this product. Please keep this manual for future reference.

Package Contents

Name	Qty
Analog Camera to HDTV converter	1 PC
Power Adapter	1 PC
User Manual	1 PC

Compliance

This product is compliant with below standards

Standards		Versions
 HIGH-DEFINITION MULTIMEDIA INTERFACE	HDMI	1.3
	HDCP	N/A
	CE	✓
	FCC	✓
	RoHS	✓
	WEEE	✓

1. Introduction

The Analog Camera to HDTV allows user to connect an AHD, TVI or CVI analog camera to an HDMI TV. It is a perfect solution for security cameras, surveillance projects.

2. Features

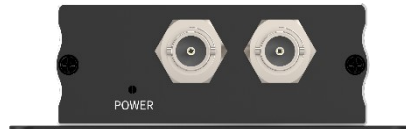
- AHD Input compliant with AHD-720P, AHD-960P, AHD-1080P;
- TVI Input compliant with TVI-720P, TVI-960P, TVI-1080P;
- CVI Input compliant CVI-720P, CVI-1080P;
- Input Signals compliant with AHD2.0/TVI2.0/CVI2.0.

3. Specifications

Function	Description
Video Input	
Interface	BNC (AHD/TVI/CVI) x1
Input Compliance	AHD Input compliant with AHD-720P, AHD-960P, AHD-1080P; TVI Input compliant with TVI-720P, TVI-960P, TVI-1080P; CVI Input compliant CVI-720P, CVI-1080P.
Input Standards	Compliant with AHD2.0/TVI2.0/CVI2.0
Video Output	
Interface	BNC Loop (AHD/TVI/CVI) x1, HDMI Type A (F) x1
Max. Distance	5m by HDMI
Output Resolution	HDMI 1080P@60Hz, 1080P@50Hz
Video	
Max. Data Rate	HDMI 6.75Gbps (2.25Gbps / lane)
Max. Pixel Clock	HDMI 225MHz
Compliance	HDMI 1.3
Max. Resolution	HDMI 1920 x 1080 @ 60Hz
Environmental	
Operating Temp.	0 - 40°C
Humidity	5-85% RH, Non-Condensing
Physical Properties	
Housing	Aluminum
Weight	170g
Dimension (L x W x H)	110x97x30mm
Power Adapter	Input: AC 100 – 240V 50/60Hz; Output: DC 5V/1A (*Supports DC 5-12V input, wide range)

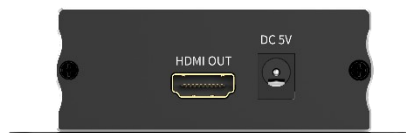
4. Components

4.1 Camera Interface



Name	Function Description
IN	Connects with an AHD, CVI or TVI camera
OUT	BNC Loop, connects with a DVR or monitor

4.2 HDTV Interface



Name	Function Description
HDMI OUT	Connects with an HDMI TV
DC IN	Connects with a power adapter

5. Installation Diagram

