

User's Manual

**BENESTON AHD to CVBS Converter
Model No.: AHD-ER03P**



NOTE: The casing design is subject to change without notice.

Our AHD to CVBS Converter is a convertor change AHD signal to CVBS signal, and can lock CVBS resolution output, auto frequency scaling and zoom to achieve synchronous transmission voice and image.

Features

- * Support AHD resolution to 1080P@30Hz (max)
- * 1 Channel CVBS output.
- * HDMI output : NTSC/ PAL
- * With AHD Loop output.
- * Achieve CE/GB standard
- * Built-in ESD protect circuit. Easy to install.
- * Support ODM / OEM.



Please read the Manual before attempting to use this product. *Specifications and appearance are subject to change without notice.*



CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN!**



**TO REDUCE THE RISK OF ELECTRICAL SHOCK,
DO NOT OPEN COVERS (OR BACK).
NO USER SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED
SERVICE PERSONNEL.**



Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems).

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Caution

1. Handle this product with care

Avoid any shock or bumping of the product. Improper handling could damage the product. Do not handle the unit with wet hands. Provide proper ventilation and air circulation and do not use near water.

2. Requires a proper operating environment

This product is not waterproof and is designed for indoor use. The allowable temperature range for operation of this product is between $-0\text{ C}\sim 40\text{ C}$ / $32\text{ F}\sim 104\text{ F}$.

3. Check the power source voltage

The power source voltage should be within the specified range. (Product must meet the specifications).

4. Objects and liquid entry

Never push objects of any kind into this product as this may touch dangerous voltage points of short out parts that could result in a fire or electric shock. Never spill any kind of liquid on the product.

5. Cleaning

Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.

6. Servicing

Do not attempt to service this product by yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all service to qualified servicing personnel.

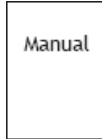
Package Contents

1. One (1) AHD to CVBS Converter
2. One (1) User Manual
3. One (1) AC Adapter

1.



2.



3.



Returns, please include all components listed above with original packaging in **Resalable Condition**.

Absolutely No Returns will be accepted if any component is missing/damaged.

Connectors :

Symbol		Description
CVBS_OUT		HDMI signal output
AHD IN		AHD signal input
AHD OUT		AHD signal loop output
SW		CVBS output format option
DC 5V~24		DC 5V~24V power input
Light Symbol	Mode	
I	Light on	AHD signal locked
	Light off	AHD signal unlock
P	Light on	Power in
	Light off	Power off



Specifications

Port	AHD port	Standard BNC X 2
	CVBS port	Standard BNC X 1
	Audio output port	3.5mm audio output port X 1
	Power input port	DC_2.1mm X 1
	Keypad control	Set CVBS output format, power-off memory function
SDI	AHD input format	720p 30, 720p 25, 1080p 25, 1080p 30
	AHD input resistance	75 ohm
CVBS	CVBS output signal format	PAL/NTSC
	CVBS output signal format	PAL: 720x480 (interlaced scanning) NTSC: 720x576 (line by line scanning)
	CVBS output voltage	0.75V
	CVBS output resistance	75 ohm
Other parameters	Power	DC 5V~24V input
	Red light	Light on=Power in, Light off=Power off
	Green Light	Light on=Signal input, Light off= No signal
	Power consumption	Currency < 620mA when DC5V input
	Working Temperature	From 0°C to 60°C
	Working Humidity	20% ~ 80%
	Net weight	240g
	Outline size	L*W*H (116mm*110mm*25mm)

Hardware Installation

1. AHD signal connect to AHD IN point with SYWV cable.
2. Connect CVBS monitor to CVBS_OUT point.
3. Power on.
4. When “ P” and “ I” light on, means converter working well, press SW key to choose CVBS output format. Normally the OSD will be displayed 3 seconds after format option. Setting will be recorded after OSD disappears, when power on this converter next time, will display this format option automatically.

Limited Warranty

LIMITED ONE (1) YEAR WARRANTY AND EXCLUSIONS

Manufacturer warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Manufacturer is free of defects in materials and workmanship under normal and proper use for one (1) year from the purchase date. Manufacturer's only obligation is to correct such defects by repair or replacement, at its option, if within such one (1) year period the product is returned prepaid, with proof of purchase date, and a description of the problem. This warrant excludes and there is disclaimed liability for labor for removal of this product or reinstallation. **This warranty is voided if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. There are no other implied warranties of any kind, including merchantability and fitness or a particular purpose,** but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warrant, including merchantability and fitness of or a particular purpose, is limited to one (1) year.

Manufacturer is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, loss sales or profits or delay or failure to perform this warranty obligation. The remedies, provided therein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise