

## USER MANUAL

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### TVI-ER03H

### TVI to HDMI & VGA & AV Converter



Our TVI to HDMI & VGA & AV Converter is designed to convert one channel TVI video source to HDMI & VGA & AV displays simultaneously.

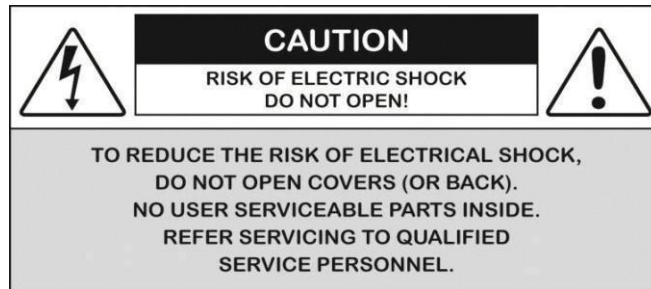
It supports multiple resolutions up to 1080P & 720P supports the most popular resolutions to ensure high compatibility with wide brands of PC and HDTV. It provides a cheaper solution to connect TVI to HDTV and VGA terminal.

#### Features

- \* Support all type TVI resolution : 1080P & 720P input
- \* HDMI resolution : 1080P/720P 60,50Hz
- \* VGA output support 1080P/720P 60,50Hz
- \* User selectable output format (HDMI and VGA and AV)
- \* Dip switch of NTSC / PAL



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



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°C~40 °C / 32°F~104 °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.

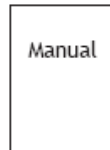
## Package Contents

1. One (1) TVI to HDMI & VGA & AV Converter
2. One (1) User Manual
3. One (1) AC Adapter

1.



2.



3.



For any 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.

## Parts & Functions



Right panel : AV out, VGA Out, HDMI out, DC in



Left panel : Two LEDs : PWR and run. Dip switch : 1080p/720p and N/P, TVI in



Whole views

### LED indicator:

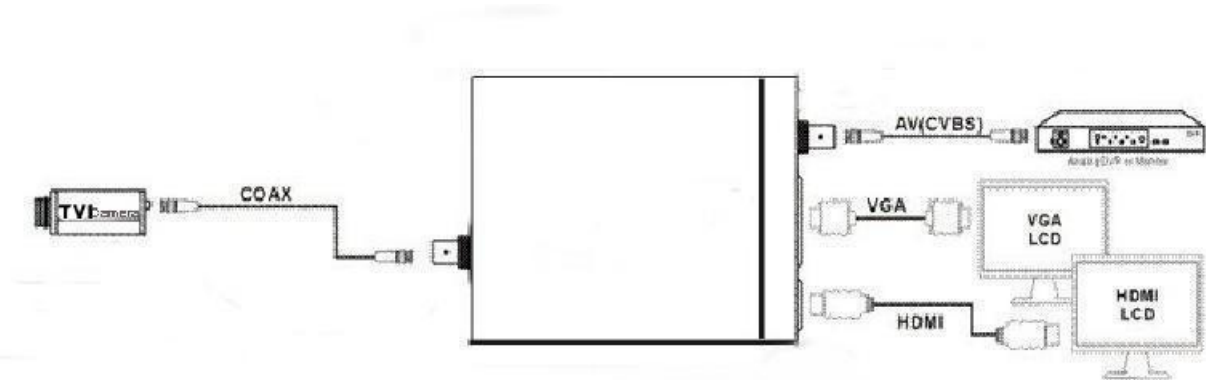
Name	Color	Status	Description
Run	Green	Flicking	Device is normal
		OFF	Device is not normal
POWER	RED	Light	Power on
		OFF	Power off

### Dip switch :

1080P/720P : TVI input resolution

N / P Dip : N is NTSC mode, P is PAL mode

### Application Diagram



### Hardware Installation

1. Check the power supply configuration and connect the correct voltage according to the power supply input requirements.
2. Use the standard video coaxial cable and connect the TVI source to TVI input ports.
3. Use AV video coaxial cable, VGA cable, HDMI cable to connect the AV, VGA , HDMI display or device.
4. Turn on the power switch.

## Specification

Model	TVI- ER03H
Input Interface	1x BNC TVI
Input Signal Type	TVI
Support Input Format	1080P / 720P
Video Signal Range	0.8V p-p
Video Impedance	75 ohms
Max. Input Coax. Length	250meters for 720p ,150meters for 1080p
HDMI/DVI Output	1 x HDMI
HDMI format	1080P&720P
VGA Output	1 x VGA
VGA format	1080P & 720P @60Hz
AV(CVBS) output	1 x BNC – F
AV format	NTSC and PAL
Power Supply	DC12V, 1A
Power Consumption	4 ~ 5 Watts
Operating Temperature	-10°C ~ 60°C / 14°F ~ 140°F
Storage Temperature	30° 70° C /-22° F~158° F
Relative Humidity	20~90% RH (Non-condensation)
Dimension	128*84*26mm

## 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.