

USER MANUAL

HD VIDEO CONVERTER

VGA + Audio to HDMI



10.16.2101-BK



The 10.16.2101-BK video converter, allows you to transform the analog video signal of a computer or player with VGA and Jack 3.5mm output, to a digital one on a monitor or TV with HDMI input.

Features:

- Conversion of analog VGA video/stereo audio (3.5mm jack) to HDMI digital signal.
- Compatible with DVI by using and HDMI to DVI adapter.
- Metal housing with general shielding without signal interference.
- Power LED.
- Power supply: DC 5V/1A.

Content:

1 x Converter.
1 x Power supply.
1 x User's manual.



Specifications:

- **Signal input/output:**

- Input video signal: 0.5-1.0V.
- DDC input signal: 5.0V p-p (TTL).
- Maximum single link range: 1600x1200, 1080p.
- Video output: HDMI + HDCP1.0/1.1.
- VGA: 640x480 60Hz/72Hz/75Hz, 800x600 60Hz/72Hz/75Hz, 1024x768 60Hz/70Hz/75Hz, 1280x1024 60Hz, 1600x1200 60Hz.
- DTV/HDTV: 480i/576i/480p/576p/720p/1080i/1080p.

- **Operating frequency:**

- Frequency: Up to 165MHz.
- Video amplifier bandwidth: 1.65Gbps/165MHz.

- **Resolutions:**

- Interlaced (50 and 60 Hz): 480i, 576i, 1080i.
- Progressive (50 and 60 Hz): 480p, 576p, 720p, 1080p.

- **Environment:**

- Operating temperature: from 0° to +70°C.
- Operating humidity: 10% to 85% RH (non-condensing).
- Storage temperature: -10 to +80°C.
- Storage humidity: 5% to 95% RH (non-condensing).

- **Energy requirement:**

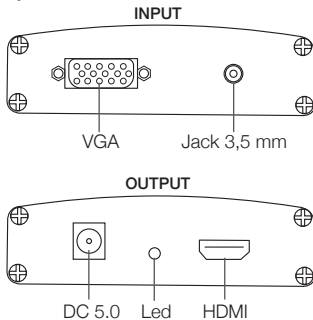
- External power supply: DC 5V 1A.

Installing the converter:

1. Before installation turn off all devices that you want to connect.
2. Connect the converter to the computer using a VGA cable.
3. Connect the audio from the computer to the converter using a 3.5mm jack audio cable.
4. Connect the converter to the TV or monitor using and HDMI cable.

5. Connect the power supply to the converter.
6. Turn on the computer, the display, and choose the HDMI channel.
7. The image does not need to be adjusted, the converter will position it automatically.

Converter parts:



**Precautions:**

- Carefully connect the cables to the equipment and the converter.
- Place in dry environments without extreme weather conditions.
- Keep away from liquids and heat sources.
- Do not attempt to open the converter or insert external objects into it.

Warranty:

Nanocable offers a 24 months warranty from the time of purchase, so it is necessary to have the ticket or invoice where the date appears. The distributor or seller where you purchased this product will respond to your claim and offer your technical service while the warranty is in effect. The converter must show the serial number without having been altered or deleted, if it is not intelligible, the warranty will not be applied.

Out of warranty:

The warranty does not cover damage or defects caused to the external case due to:

- Do not follow the user manual.
- Modifications or alterations of any kind.
- High and low temperatures, humidity or contact with liquids.
- Wear and scratches produced in everyday use.

Converter certifications:

