



## VGA and USB to HDMI Converter

Converts Analog VGA Video and USB Audio to a Digital HDMI Signal

Part No.: **152426**

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Converts analog PC-based audio/video signals into digital HDMI.

The Manhattan VGA and USB to HDMI Converter translates analog PC audio/video signals to HDMI format for compatible projectors, flat-panel HD displays, televisions and more. Advanced built-in circuitry lets you easily enjoy PC-based media on high-definition displays or TVs and maintains simultaneous A/V reception at the source PC. High bandwidth capability supports video resolutions up to 1920 x 1080 and 1080p@60Hz, serving beautifully for training, retail and trade-show purposes. Quick Plug and Play installation and Windows and Mac compatibility means the Manhattan VGA and USB to HDMI Converter makes it easy to deliver digital content stored on any desktop and notebook computers.

### Features:

- Easily converts analog VGA video and USB audio to a digital HDMI signal
- Ideal for connecting Mac, PCs and Laptops to high-definition monitors, HDTVs, projectors and more
- Supports VGA and HDMI video resolutions up to 1920x1080, 1080p@60Hz, 24-bit color depth and video amplifier bandwidth up to 1.65 Gbps / 165 MHz
- Provides high quality, digital USB audio; powered with one connection
- Compact and portable design fits easily in laptop bag for offsite presentations, business travelers and more
- Works great in combination with Manhattan High Speed HDMI Cable with Ethernet (323215)
- Plug and play; Windows and Mac compatible; simple to install
- Three-Year Warranty

### Specifications:

#### Standards and Certifications

- HDMI
- CE
- FCC
- HDCP

#### General

- Supports HDCP pass-through
- Power: 5 VDC / 1 A
- VGA video input formats: VGA, XGA, SVGA, SXGA, UGA

#### Connections

- Input: VGA / HD15 male (video)
- Input: USB Type-A male (audio/power)
- Output: HDMI female (video/audio)

#### Signal Input/Output

- Input video signal: 0.5 – 1.0 V p-p
- Input DDC signal: 5 V p-p (TTL)
- Output video: HDMI, HDCP 1.3
- Frequency: 1.65 Gbps / 165 MHz

#### Video Resolutions

- VGA: 640 x 480, 800 x 600, 1024 x 768, 1280 x 720, 1280 x 768, 1280 x 960, 1280 x 1024, 1920 x 1200, 1920 x 1080
- DTV/HDTV: 480i/480p/576i/576p/720p/1080i/1080p@60Hz

#### Physical

- LED indicators: power and port connection
- VGA cable, 29 cm (1 ft.)
- 5VDC / 1A USB power cable, 1 m (3 ft.)
- Weight: 102 g (3.6 oz.)
- Housing: plastic

#### Operating Environment

- Operation Temperature: 32 – 104°F (0 – 40°C)
- Storage Temperature: -4 – 140°F (-20 – 60°C)
- Humidity (noncondensing): 0 – 96%

#### Package Contents

- VGA and USB to HDMI Converter
- Quick Instruction Guide

