



## Mini DisplayPort™ 1.2 to HDMI™ 2.0 Active Adapter

- Supports UHD resolution up to 4096 x 2160 at 60Hz, 8-bit color
- Compliant to DisplayPort™ Specification 1.2
- Compliant to HDMI™ Specification 2.0
- Supports HDCP 1.4 and HDCP 2.2 content protection
- Support 3D video up to 1080P@120Hz
- Color format: support RGB up to 12 bpc; YCbCr 4:4:4/2:2:2/4:2:0 up to 12bpc
- Audio input: support up to 8 channels of LPCM at 192kHz sample rate and 24-bit audio sample size, compressed audio and high bit rate
- Mini DisplayPort™: support 1.1a/ 1.2a/1.3; 1/2/4 lanes at 1.62/2.7/5.4 Gbps
- Supports DisplayPort™ Spread Spectrum Clocking
- Supports 4K NVidia GTX series and ATI Graphics

### • Introduction:

The Vantec HDMITMI 2.0 Active Adapter empowers your 4K UHD experience. This is the easiest solution for connecting your Mini DisplayPort™ 1.2 PC, Laptop or MAC to an HDMITM 2.0 4K UHD TV, monitor or projector.

4K revolutionizes the way you view your screen by adding four times as many pixels as commonly used Full HD screens, opening your eyes to sharp detail worlds. If you have a 4K UHD TV, monitor or projector, you're ready for the revolution.

Vantec Mini DisplayPort™ 1.2 to HDMITM 2.0 Active Adapter offers amazing speed and resolution, capable of 4K UHD at 60Hz with 8-bit color. This adapter brings 4K games alive and with astonishing detail. PC gaming will never be the same. Beside for gamers, the Color Depth and wide luminance range capability also empower professional photographer, architect or designer with extremely detailed rendering of graphics. This adapter is ideal for Gaming and Graphics application that is beyond the ordinary.

### • Specifications:

<b>Model:</b>	<b>CB-HD20MDP12</b>
<b>Device Support Input:</b>	<b>Mini DisplayPort™ 1.1a/1.2a/1.3 (1.2 above preferred for max capability)</b>
<b>Device Support Output:</b>	<b>HDMI™ 1.1/ 1.2/ 1.3a/ 1.4a/ 2.0 (Version 2.0 preferred for max capability)</b>
<b>Supported Resolutions:</b>	<b>Up to 4096x2160 (4K/UHD)</b>
<b>Display Modes:</b>	<b>Primary, Extended or Mirror(depend on graphic card capability)</b>
<b>Adapter Interface:</b>	<b>Mini DisplayPort™ (Male), HDMI (Female)</b>
<b>Power Supply:</b>	<b>Self-powered, no external power needed</b>
<b>Material:</b>	<b>ABS Plastic</b>
<b>Dimensions:</b>	<b>49 x 37 x 12 mm</b>
<b>OS Supported:</b>	<b>Windows 10, 8.1, 7 32&amp;64bit; Apple OS X 10.11, 10.10, 10.9, 10.8</b>

### • System Requirement

- > Graphics Controller
- > Available DisplayPort™

### • Package Contents

1 x Mini DisplayPort™ 1.2 to HDMI™ 2.0 Active Adapter

## **Federal Communications Commission Statement**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

## **FCC Radiation Exposure Statement**

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.

**Warning:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.