

## VC986B

True 4K DisplayPort to HDMI Active Adapter



# DisplayPort to HDMI Active Adapter



**4K60**  
Refresh Rate

- DisplayPort 1.2a compliant
- HDMI 2.0 compliant



Built-in chip ensures high quality signal conversion, smooth output, and compatibility with DP++.

**Plug-n-Play**

No installation software or drivers required. The VC986B is the perfect solution for connecting DisplayPort inputs to HDMI output displays. The built-in chip ensures high quality signal conversion, smooth output, and compatibility with DP++.

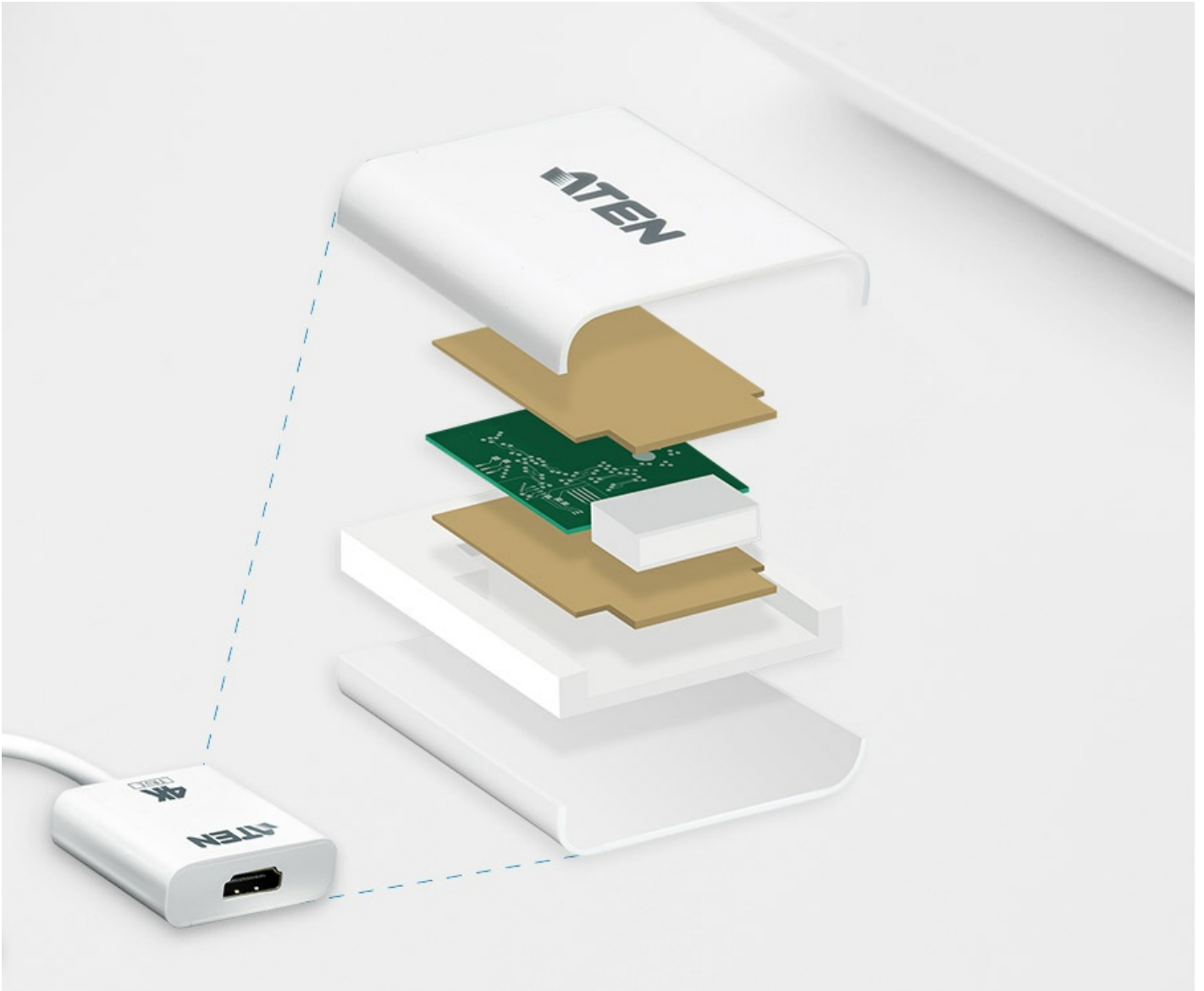
**Supports True 4K**

Supports resolutions up to [True 4K](#), making it highly compatible across devices.



**4K**  
TRUE



**Superior Signal Quality**

The internal copper foil shielding protection ensures signal integrity and minimizes external interference, giving you extra reliable and superior quality signals.

**Supports Multi-Screen Technology**

Compatible with AMD Eyefinity graphics cards for multiple display applications.





**HDMI™**  
HIGH-DEFINITION MULTIMEDIA INTERFACE



## Features

The VC986B is an active DisplayPort to HDMI adapter that allows you to connect your DisplayPort output device to the HDMI input of a [True 4K](#) TV or any other display.

The ATEN VC986B is an active adapter, featuring an advanced chip which ensures stable video signal conversion even when the video source does not support Dual-Mode DisplayPort (DP++).\* Moreover, support for resolutions up to [True 4K](#) makes this adapter ideal for users who require a high performance signal conversion solution.

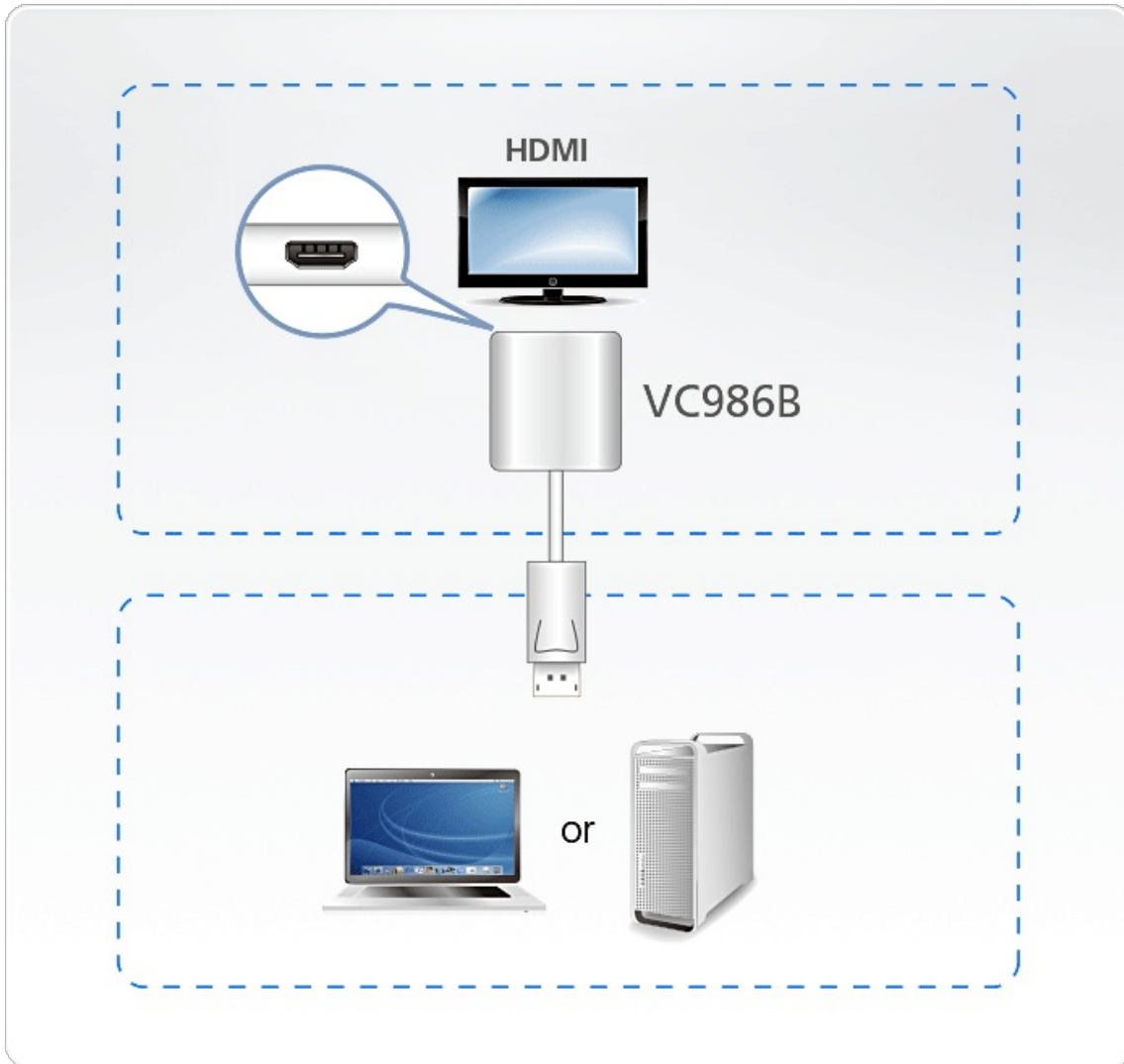
\*Dual-Mode DisplayPort (DP++) can directly process the signal from DisplayPort to HDMI or DVI signals.

- Converts DisplayPort signals to HDMI output
- Supports VGA, SVGA, XGA, SXGA, UXGA, 1080p and resolutions up to [True 4K](#)
- [Active adapter](#) - features an advanced chip which ensures stable video signal conversion even when the video source does not support Dual-Mode DisplayPort (DP++)
- [Supports AMD Eyefinity™ Technology \(multi-screen setups\)](#)
- Audio supported
- No software or driver installation required
- DisplayPort 1.2 compliant

## Specifications

|                        |   |
|------------------------|---|
| Video Input            |   |
| Interfaces             | 1 x DisplayPort Male (White)  |
| Video Output           |   |
| Interfaces             | 1 x HDMI Type A Female (Black)  |
| Video                  |   |
| Max. Pixel Clock       | 600 MHz   |
| Max. Resolution        | 4096x2160@60Hz / 3840x2160@60Hz   |
| Compliance             | DP1.2a / HDMI 2.0 / HDCP 2.2  |
| Max. Data Rate         | 18 Gbps (6 Gbps Per Lane)   |
| Audio                  |   |
| Output                 | 1 x HDMI Type A Female (Black)  |
| Environmental          |   |
| Operating Temperature  | 0 - 50 °C   |
| Storage Temperature    | -20-60 °C   |
| Humidity               | 0 - 80% RH, Non-Condensing  |
| Physical Properties    |   |
| Housing                | Plastic   |
| Weight                 | 0.04 kg ( 0.09 lb )   |
| Dimensions (L x W x H) | 18.00 x 4.50 x 1.50 cm<br>(7.09 x 1.77 x 0.59 in.)  |
| Carton Lot             | 40 pcs  |
| Note                   | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format. |

Diagram



**ATEN International Co., Ltd.**

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan  
Phone: 886-2-8692-6789 Fax: 886-2-8692-6767  
www.aten.com E-mail: marketing@aten.com



© Copyright 2015 ATEN® International Co., Ltd.  
ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd.  
All rights reserved. All other trademarks are the property of their  
respective owners.