

VC986B

True 4K DisplayPort to HDMI Active Adapter

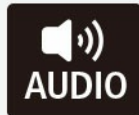


DisplayPort to HDMI Active Adapter



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++.

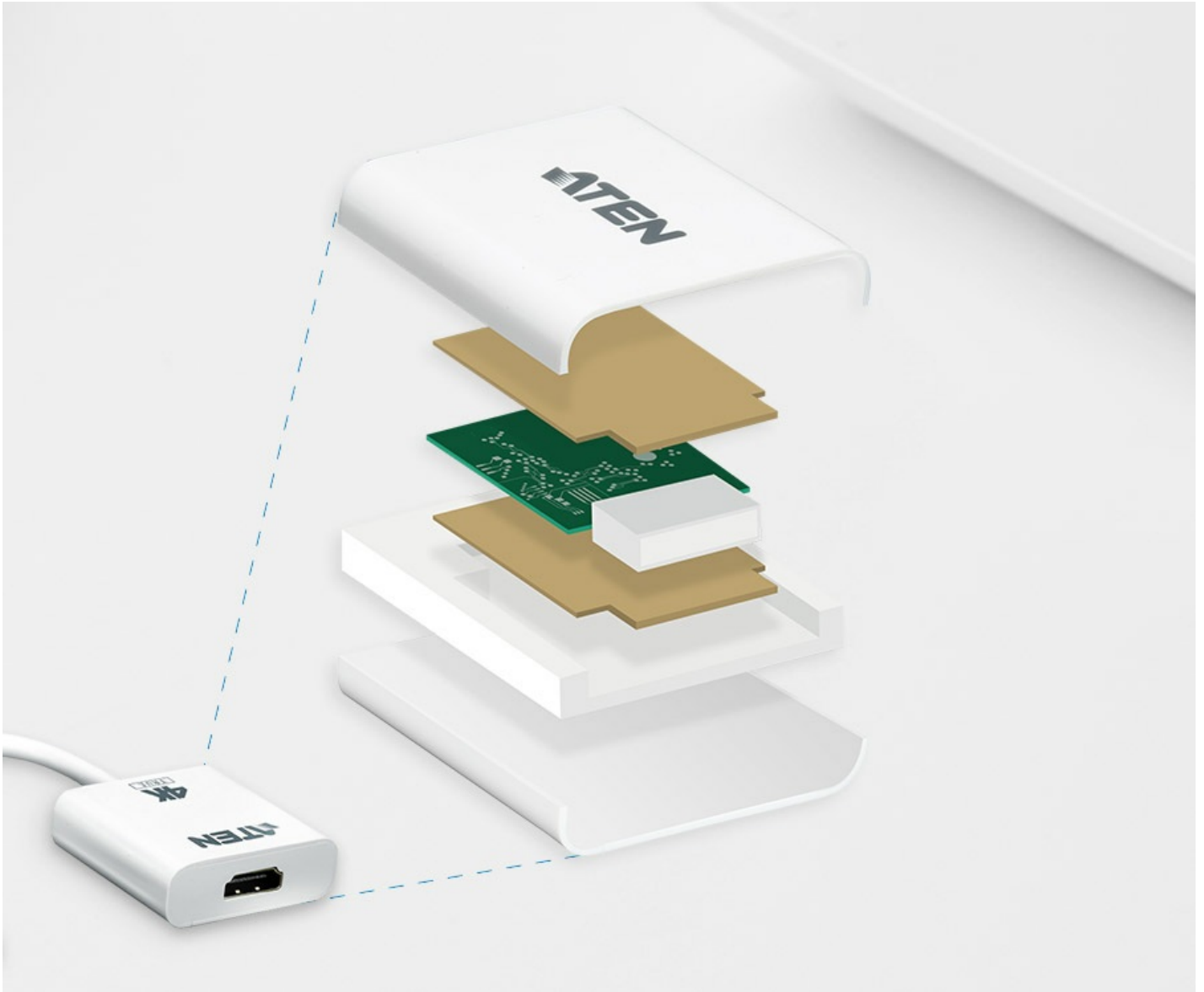
**Plug-n-Play**

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.



**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

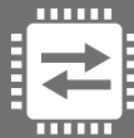
Compatible with AMD Eyefinity graphics cards for multiple display applications.



A/V Out
HDMI



Video In
DisplayPort



Active
Adapter

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.

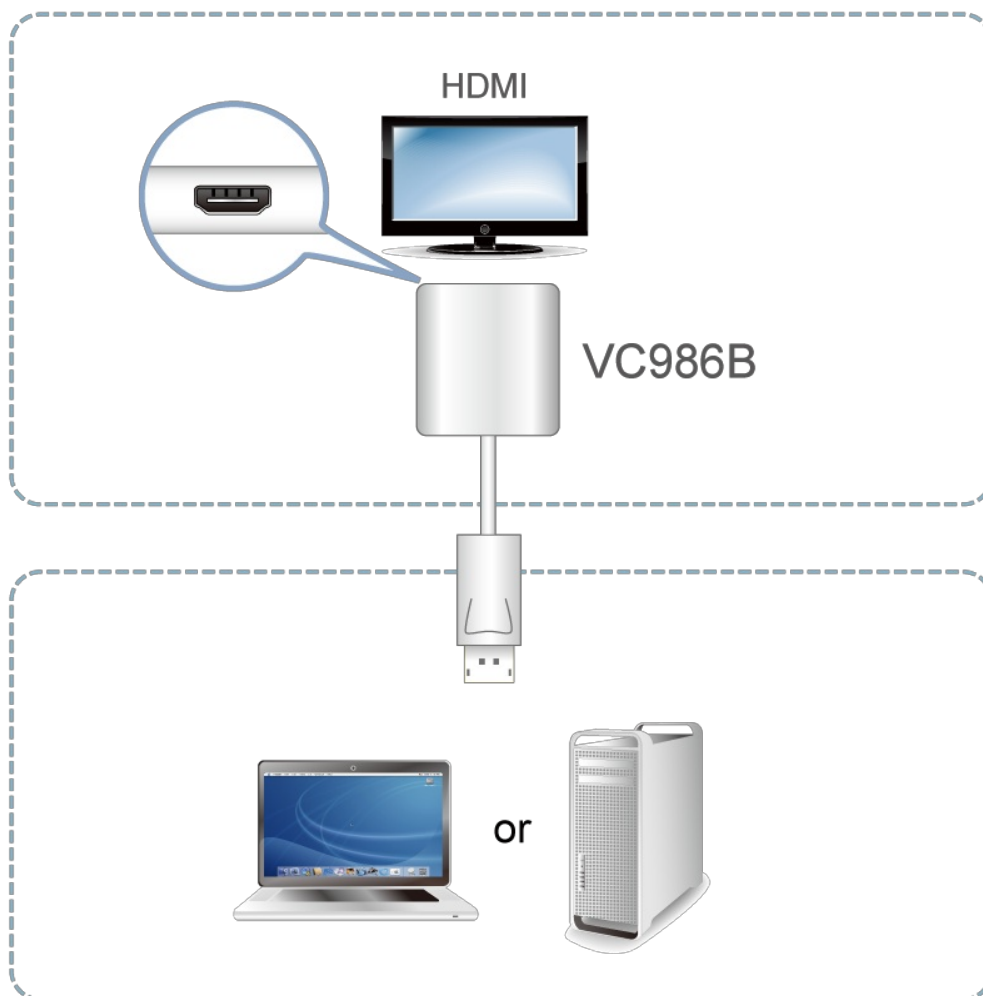
*Dual-Mode DisplayPort (DP++) can directly process the signal from DisplayPort to HDMI or DVI signals.

- 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

Specification

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 (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



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

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