



Art No. CV0059B

## DisplayPort 1.2 to VGA Converter Active Type

The CV0059B & CV0038B, are a new generation DisplayPort™ to VGA converter that receives both video and audio streams from an upstream DisplayPort Source link and converts to an VGA output.

This CV0059B DisplayPort to VGA signal format converter seamlessly connect next generation DisplayPort based MacBook, MacBook Pro, or MacBook Air with a Mini DisplayPort to conventional VGA displays, such as CRT, LCD monitors and projectors. Mini DisplayPort offers a unified, scalable, and cost effective interface for embedded and external display applications. It not only has an elegant appearance with the white color but also brings much convenience with its small size.

It offers solutions for digital entertainment center, projector factory, noisy space and security concerns, conference room presentation, school and corporate training environments.

### Features:

- Integrates a complete DisplayPort receiver and complete VGA transmitter for video format conversion
- Supports DisplayPort 1.2 output and VGA input
- 2 lanes high speed differential input with configurable speed: 2.7Gbps or 1.62Gbps
- Down spread spectrum (SSC) support
- Supports the resolution with pixel rate up to 180MHz
- Supports resolutions up to WQXGA (1920x1200@60HZ, reduced blanking, 24bpp)
- VGA output meets VESA VSIS v1r2 clock jitter specification
- Low power standby mode with automatic monitor plug and unplug detect
- DDC Speed control for using with longer VGA cables
- EDID pass-through from PC source to display
- Spread Spectrum (de-spreading) for EMI reduction
- Low power operation – Active 400mW, standby mode 15mW
- Powered from DisplayPort port source



Art No. CV0059B

## DisplayPort 1.2 to VGA Converter Active Type

### Specification:

<b>Signal Input/Output</b>	
Input Video Signal	DisplayPort
Maximum Single Link Range	1920x1200
Output Video (VGA)	1920x1200, 1920x1080, 1600x1200, 1600x960, 1360x1024, 1360x768, 1280x1024, 1280x720
Input Connector	DisplayPort Male 20pin
Output Connector	HDB15 pin female
<b>Operating Frequency</b>	
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	180MHz
<b>Mechanical</b>	
Weight (Net)	28g
Product dimension	243 x 33 x 15mm
Cable length	15cm
<b>Environmental</b>	
Operating Temperature	0 °C to +70 °C
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10 °C to +80 °C
Storage Humidity	5% to 90 % RH (no condensation)
<b>Power Requirement</b>	
External Power Supply	No external power needed
Power consumption (Max)	485mW

\* The specifications and pictures are subject to change without notice.  
\*All trade names referenced are the registered network of their respective owners.



RoHS  
compliant

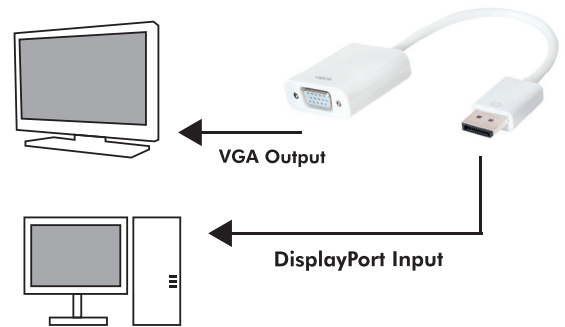
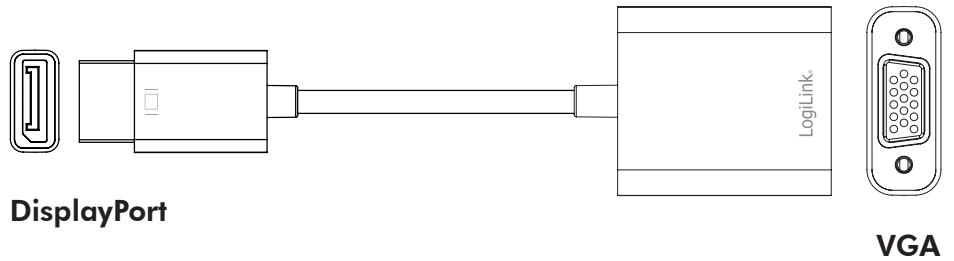


Made in China



Art No. CV0059B

## DisplayPort 1.2 to VGA Converter Active Type



### Package Contents:

- 1x DisplayPort 1.2 to VGA adapter
- 1x User manual

### Packaging Information:

- Packing Dimension: 162 x 230 x 2mm
- Packing Weight: 0.05kg
- Carton Dimension: 570 x 480 x 260mm
- Carton Q'ty: 90pcs
- Carton Weight: 6.3kg

\* The specifications and pictures are subject to change without notice.  
\*All trade names referenced are the registered namework of their respective owners.



RoHS  
compliant

