



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



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Specification:

| | |
|----------------------------|---|
| Signal Input/Output | |
| 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 |
| Operating Frequency | |
| Vertical Frequency Range | 50/60Hz |
| Video Amplifier Bandwidth | 180MHz |
| Mechanical | |
| Weight (Net) | 28g |
| Product dimension | 243 x 33 x 15mm |
| Cable length | 15cm |
| Environmental | |
| 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) |
| Power Requirement | |
| 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.

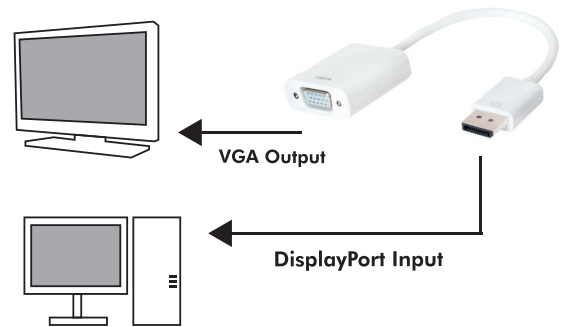
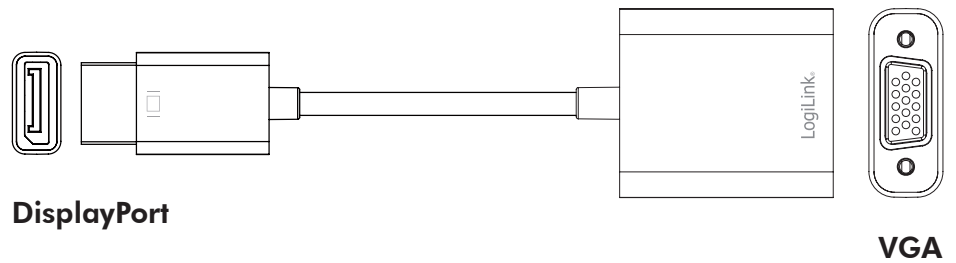


Made in China



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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

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