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Art No. CV0037B

Mini DisplayPort 1.2 to DVI Converter Active Type

The CV0037B & CV0058B, are a new generation DisplayPort™ to DVI™ converter that receives both video and audio streams from an upstream DisplayPort Source link and converts to a DVI output.

This CV0037B is a Mini DisplayPort 1.2 to DVI signal format converter for interfacing new generation DisplayPort™ based PC and notebook computers with high definition displays. The Mini DisplayPort to DVI Adapter seamlessly connect next generation DisplayPort based MacBook, MacBook Pro, or MacBook Air with a Mini DisplayPort to conventional DVI displays, such as CRT, LCD monitors and projectors. Mini DisplayPort offers a unified, scalable, and cost effective interface for embedded and external display applications. As desktop and notebook PCs are increasingly transitioning from conventional analog type interfaces to DisplayPort, the converter facilitates the transition by offering seamless connectivity between new DisplayPort PC and the installed base DVI monitors and projectors.
It offers solutions for digital entertainment center, HDTV retail and show site, HDTV, STB, DVD and Projector factory, noise space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

Feartures:

- Integrates a complete DisplayPort receiver and complete DVI transmitter for video format conversion
- Fully compliant DisplayPort 1.2 input, and DVI output
- DVI 1.0 transmitter support
- Supports HDCP1.3 content protection
- Supports DVI highest video resolution 1920 X 1080@60Hz
- Supports multiple color format: RGB 6/8/10/12 bpc (bit per component), YCbCr 4:4:4, and YCbCr 4:2:2 8/10/12 bpc
- Supports 10/12-bit deep color 1080p up to 2.25Gbps
- Content protection of HDCP Rx and Tx keys to support HDCP repeater
- Powered from Mini DisplayPort port source
- Displayport active adapter supports Multi Stream Transport (MST)

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

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Specification:

Signal Input/Output	
Input Video Signal	Mini DisplayPort
Maximum Single Link Range	1920x1080@60Hz
Output Video	DVI
Input Connector	Mini DisplayPort Male 20pin
Output Connector	DVI Female (24+1)
Operating Frequency	
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	1.62Gbps/2.7Gbps
Resolutions (HDTV)	
No 3D Mode	Up to 1920x1080@60Hz
3D Mode	Non-support
Mechanical	
Weight (Net)	14g
Product dimension	175 x 43 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)	1W

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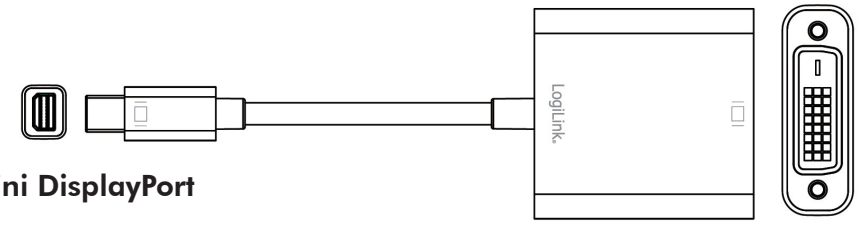

Package Contents:
- 1x Mini DisplayPort 1.2 to DVI adapter
- 1x User manual

Packaging Information:
- Packing Dimension: 162 x 230 x 2mm
- Packing Weight: 0.04kg
- Carton Dimension: 570 x 420 x 260mm
- Carton Q'ty: 90pcs
- Carton Weight: 6.2kg

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