MINI DISPLAYPORT 1.2 TO DVI CONVERTER

User Manual

P/N: MDPDVI3B

Dear Customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Mini DisplayPort 1.2 to DVI Converter

This is a Mini DisplayPort 1.2 to DVI signal format converter for interfacing next generation DisplayPort based on 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 HDMI 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.

How It Works

Connect the Mini DisplayPort male to a Mini DisplayPort source device.

Connect the DVI female to display by DVI M/M cable.

- Supports Mini DisplayPort1.2 and 4 lanes.

- Support Mini DisplayPort 1.2a input and DVI output.

- Support HDMI highest video resolution 1920x1080@60HZ.

- Supports multiple color format: RGB 6/8/10/12-bit per component (bpc) and YCbCr4:4:4, YCbCr4:2:2,8/10/12bpc.

- HDMI 1.4b compliant with maximum data rate 3.0Gbps.

- Supports 10/12-bit deep color 1080p up to 2.25Gbps.

- Content protection of HDCP Rx and Tx keys to support HDCP repeater.

- DVI 1.0 transmitter support.

- Integrated both HDCP Rx and Tx keys to support HDCP repeater.

- Powered from Mini DisplayPort source.

PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- Main unit

- User Manual

Signal Inputs/Output

Input Video Signal... 5 Volts p-p (TTL)

Maximum Single Link Range.. 1920x1080@60HZ

Output Video.. DVI

Input Connector...DisplayPort Male 20pin

Output Connector... DVI Female (24+5)

Vertical Frequency Range... 50/60Hz

Video Amplifier Bandwidth.. 1.62Gbps/2.7Gbps

No 3D Mode.. Up to 1920x1080@60HZ

3D Mode... Nonsupport

Weight (Net)... 14g

Operating Temperature.. 0 ℃ to +45℃

Operating Humidity... 10% to 85 % RH (no condensation)

Storage Temperature... -10℃ to +80℃

Storage Humidity... 5% to 90 % RH (no condensation)

External Power Supply... No external power needed

Power consumption (Max)... 1W

Converter Unit... FCC, CE

Power Supply.. UL, CE, FCC

MINI DISPLAYPORT

DVI

DVI Cable ——— 17

Sources

MINI DisplavPort 1.2 to DVI Converter

Display