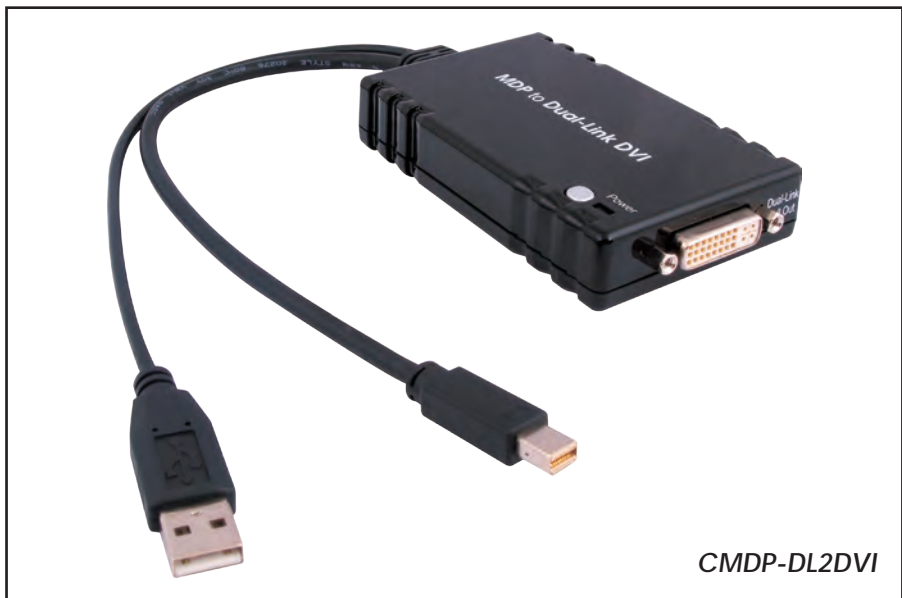


CMDP-DL2DVI

Mini DisplayPort to Dual Link DVI Converter

Operation Manual



CMDP-DL2DVI

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• **Safety Precautions**

Please read all instructions before attempting to unpack or install or operate this equipment, and before connecting the power supply. Please keep the following in mind as you unpack and install this equipment:

- Always follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- To prevent fire or shock hazard, do not expose the unit to rain, moisture or install this product near water.
- Never spill liquid of any kind on or into this product.
- Never push an object of any kind into this product through module openings or empty slots, as you may damage parts.
- Do not attach the power supply cabling to building surfaces.
- Do not allow anything to rest on the power cabling or allow it to be abused by persons walking on it.
- To protect the equipment from overheating, do not block the slots and openings in the module housing that provide ventilation.

• **Revision History**

| <i>Version No</i> | <i>Date</i> | <i>Summary of Change</i> |
|-------------------|-----------------|-----------------------------|
| VR0 | 20110424 | Preliminary Release |
| VR1 | 20120518 | Front Page's Picture |

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1. Introduction

The Mini DisplayPort converter is specifically designed to allow Mini DisplayPort source to display on the Dual Link DVI display. Supporting resolutions up to 2560x1600 and ideal for display Mac sources on DVI monitor, this device is powered by USB connection which makes it more convenient to power.

2. Applications

- Mac System source to display on DVI display
- Commercial advertisement/Display
- Presentation

3. Package Contents

- MDP to Dual -Link DVI
- Operation Manual

4. System Requirements

Input Mac system source equipment and output DVI display with connection cables.

5. Features

- Compliance with DisplayPort Specification V1.1a at 1.62/2.7Gbps data rate (Low bit rate/High bit rate)
- Input/output support up to WQXGA (2560x1600 RB60) VESA display format
- Easy to install and simple to operate
- No software installation
- Compact size with elegant design

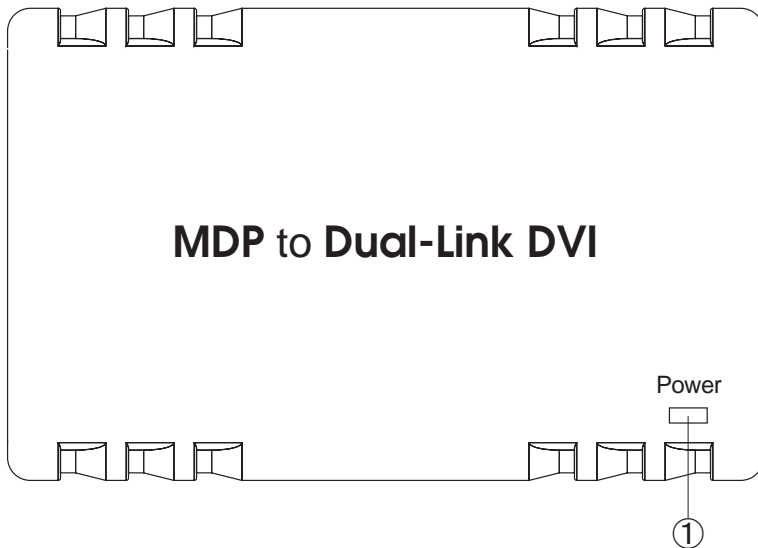
6. Specifications

| | |
|-----------------------|---|
| Input Ports | Mini-DisplayPort |
| Output Ports | Dual Link DVI-D |
| Color Space | RGB |
| ESD Protection | Human body model: $\pm 10\text{kV}$ (air-gap discharge) $\pm 6\text{kV}$ (contact discharge) |
| Output TMDS signal | 1.2 Volts (peak-to-peak) |
| Dimensions (mm) | 210(W) x 91(D) x 30.5(H) |
| Weight(g) | 230 |
| Chassis Material | Plastic |
| Silkscreen Color | Black |
| Power Consumption | 2.5W (USB) |
| Operating Temperature | 0°C ~ 40°C / 32°F ~ 104°F |
| Storage Temperature | -20°C ~ 60°C / -4°F ~ 140°F |
| Relative Humidity | 20~90% RH (non condensing) |

7. Operation Controls and Functions

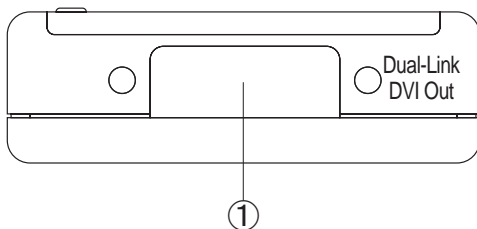
The following sections describe the hardware components of the unit.

7.1 Top Panel



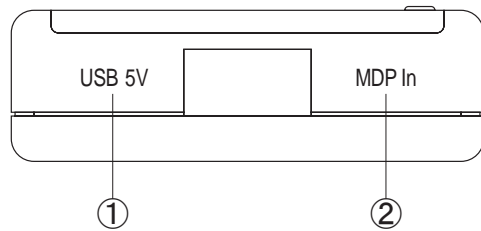
- ① Power LED: When the USB cable is connected with power supply this power LED will illuminate in red.

7.2 Right Panel



- ① Dual-Link DVI Out: Connect This slot is to connect with DVI display for output image with Dual-Link DVI cable.

7.3 Left Panel



- ① USB 5V: This cable is to connect to the PC or any USB port with power supply.
- ② MDP In: This cable is to connect to the Mini DP source equipment such as Mac System PC or NB for input signal.

8. Connection and Installation



A

Acronyms

| <i>Acronym</i> | <i>Complete Term</i> |
|-----------------------|-----------------------------------|
| DVI | Digital Visual Interface |
| MDP | Mini DisplayPort |
| USB | Universal Serial Bus |
| WQXGA | Wide Quad eXtended Graphics Array |



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