CDPH-1S

DisplayPort to HDMI Converter Adaptor

CDPH-1S

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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

Version No	Date	Summary of Change
V1	20091109	Preliminary Release

Table of Contents

1. Introduction

Although most devices use HDMI ports, it is becoming more common that come upon products that use the Display Port (DP) interface instead of HDMI, as their primary graphics solution. When you wish to display on a large display, like an HDTV, users would need a device that can connect a DP source to an HDMI output. Our latest "DP to HDMI mini level shifter adaptor" provides you with a quick and easy solution. This adaptor is not only compatible with HDMI 1.3, but it also has a remarkable frequency rate that can reach up to 2.7Gbps per line. Connecting your DP source with an HDMI display has never been as convenient as this, thanks to the "DP to HDMI mini level shifter adaptor".

2. Applications

● Display a Display Port signal onto an HDMI display
● Lets your from Notebook, PC or MAC use an HDTV/HDMI monitor as an external display.

3. Package Contents

● DP to HDMI converter adaptor
● Operation Manual

4. System Requirements

● Input source equipment with DP output.
● Output display to LCD TV or HD Monitor with HDMI connector.

5. Features

● Converts low-swing alternative current (AC) into an HDMI signal.
● HDMI V1.3 and DVI 1.0 compliant
● HDMI level shifting operating up to 2.7 Gbps per lane
● Acts as an adaptor allowing you to use your HDMI/DVI cables on HDMI and DVI displays
● Fail safe outputs for backdrive protection
● Stylish design
● Runs without the need to install any software

6. Specifications

Frequency Bandwidth	2.7Gbps (single link)
Input Port	1 x DisplayPort (Male type)
Output Port	1 x HDMI (Female type)
Output Resolution	480i ~ 1080p, 1080p24, VGA ~ UXGA
ESD Protection	Human body model: ± 10kV (air-gap discharge) ± 6kV (contact discharge) Core chipset: ± 2kV
Dimensions (mm)	81(W) x 25(D) x 11(H)
Weight(g)	22
Chassis Material	Plastic
Silkscreen Color	White
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 (no condensation)

7. Operation Controls and Functions

The following sections describe the hardware components of the unit.

7.1 Top Panel

① DP input: Connect to a PC/source that has a DP output connector. In order to disconnect this adapter you first have to press the button on top of the device, fairly to do so will damage the device.

7.2 Rear Panel

① HDMI output: Connect the HDMI output to the HDMI input of your display using an HDMI cable.

Note : Some PC's DP output do not have audio support, if the input cannot send an audio signal, then the HDMI port will likewise not be able to deliver an audio signal.

8. Connection and Installation

PC

LCD TV

NB

TV

Acronyms

A

Acronym	*Complete Term*
HDMI	High-Definition Multimedia Interface
DVI	Digital Visual Interface
DP	DisplayPort