
DisplayPort to HDMI Converter

User Manual

Introduction.....	1
Features.....	2
Package Includes.....	2
Panel Descriptions.....	3
Connections.....	4
Wiring Diagram.....	4
Specifications.....	5

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.

DisplayPort to HDMI Converter

This is a DisplayPort 1.2 to HDMI signal format converter for interfacing next generation DisplayPort based PC and notebook computers with high definition displays. 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.

nments.

Applications

It applies to ANY devices with HDMI port.

A premium quality HDMI to HDMI cable is suitable for use in HDTV, Home Theater, DVD player, projector, PS3, Xbox360 and other HDMI devices

Operation Notes

- Specifications are subject to change without notice.
- Insert/ unplug transmission cables gently.

Features

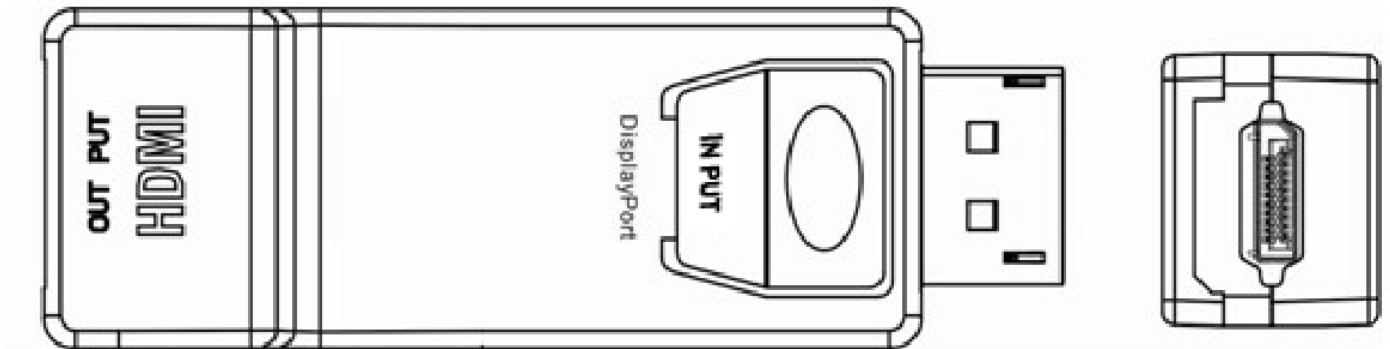
- Supports DisplayPort1.2 and 4 lanes.
- AC coupling capable for level shifting
- Support DisplayPort 1.2a input and HDMI1.4b output.
- Support 4K X 2K & 3D video formats over HDMI
- Supports multiple color format: RGB 6/8/10/12-bit per component (bpc) and YCbCr4:4:4, YCbCr4:2:2, 8/10/12bpc.
- Compliant to HDMI 1.4b specification up to 3.0Gbps.
- Supports 10/12-bit deep color 1080p up to 2.25Gbps.

Package Includes

- 1) DisplayPort to HDMI Converter X1
- 2) User Manual X1

PANEL DESCRIPTIONS

Please study the panel drawings below and become familiar with the structure.



1 DisplayPort

Connect the DisplayPort to the source device (Such as: Tablet PC).

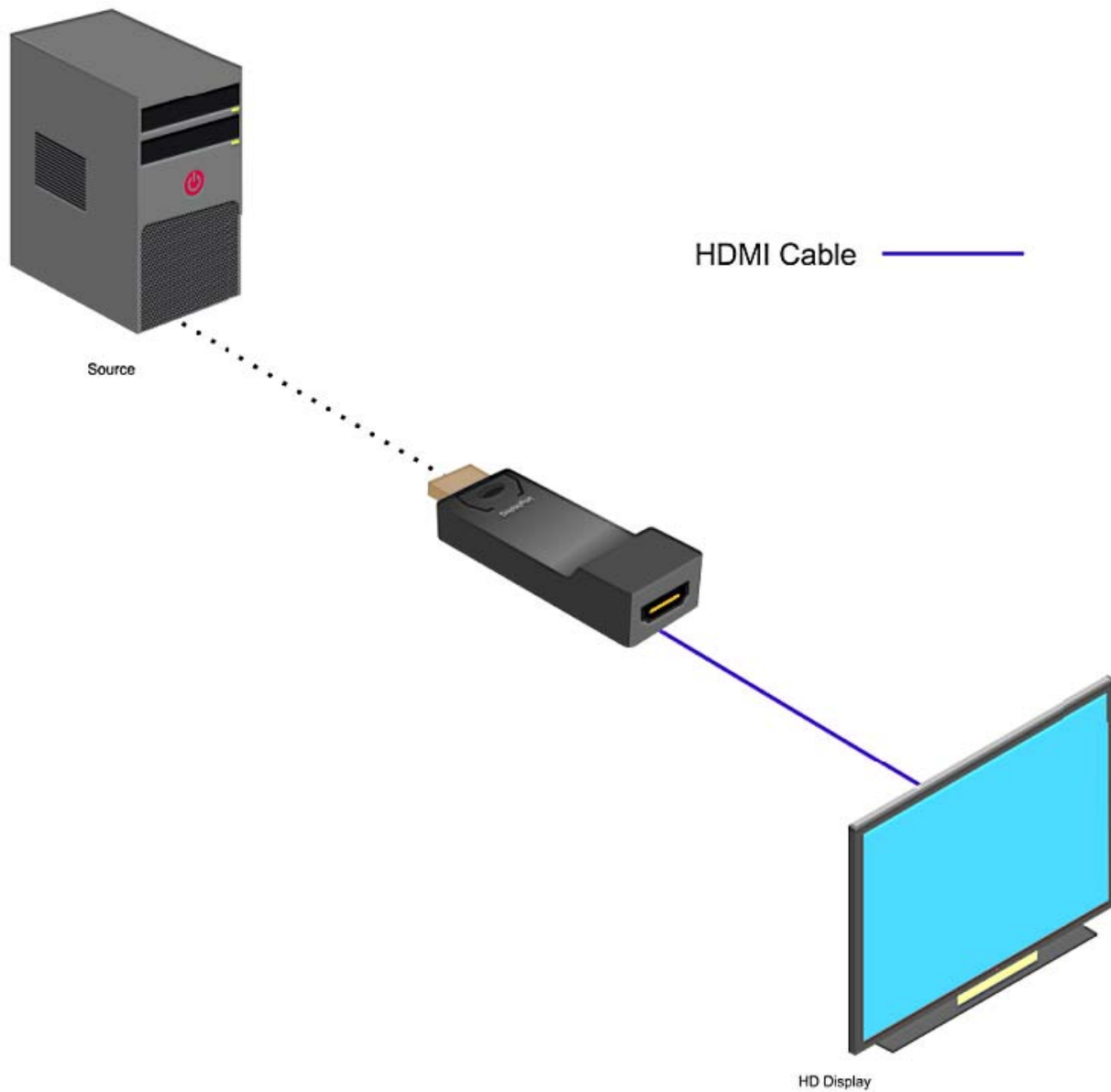
2 HDMI Port

Connect the HDMI port to display using HDMI M/M cable.

How to Connect DisplayPort to HDMI Converter

- 1) Connect the DisplayPort male to DisplayPort source device
- 2) Connect the HDMI female to display by HDMI M/M cable

Wiring Diagram for DisplayPort to HDMI Converter



SPECIFICATIONS

DisplayPort to HDMI Converter

Input Video Signal.....	5 Volts p-p (TTL)
Maximum Single Link Range.....	4kx2K
Output Video.....	HDMI1.4b
Input Connector.....	DisplayPort Male 20pin
Output Connector.....	HDMI Female Type A 19pin
Vertical Frequency Range.....	50/60Hz
Video Amplifier Bandwidth.....	1.65Gbps/3Gbps
3D Mode.....	Up to 4Kx2K@30HZ
Limited Warranty.....	1 Year
Operating Temperature.....	0 ~70°C
Operating Humidity.....	10% to 85 % RH (no condensation)
Storage Temperature.....	-10~80°C
Storage Humidity.....	5% to 90 % RH (no condensation)
Net Weight.....	14 g

P/N0030