HDMI2.0 to MDP (DP1.2) Convertor

H2M-114 provides a HDMI2.0 Male to MDP Female converter cable.

1. Features

HDMI2.0 Receiver

Compliant to HDMI2.0 Standard
Support 3D Video Data Stream
Support HDCP1.4/2.2 / Support HDR
Support Resolution up to 4Kx2K@60Hz
Support 8/10/12-bit Deep color
Support DDC and CEC / Support Hot-Plug Detect
Support Status and Control Data Channel (SCDC)
Support Data Lane Swap and Polarity Swap
Build-in Pattern Generation

DP1.2 Transmitter

Compliant to VESA DP1.2 Standard
Support Four Lanes with 1.62Gbps (RBR), 2.7Gbps (HBR) or 5.4Gbps (HBR2) Data Rate
Support Resolution up to 4Kx2K@60Hz
Data Lane and Polarity Swapping
Support HDCP1.3 Encryption
Support 8/10/12-bit Deep Color
Support Hot-Plug Detect
3-level Current Ability Advertise (Host Mode) or Detection

2. General Description

For HDMI input, H2M-114 features a HDMI2.0 receiver with 1 clock lane and 3 data lanes operating at maximum 6Gb/s per data lane and a maximum input bandwidth of 18Gb/s, allowing resolution up to 4Kx2K@60Hz for RGB format. The converter also integrates a DDC controller and supports both HDCP1.4 and HDCP2.2.
For DP1.2 output, it consists of 4 data lanes, supporting RBR (1.62Gbps), HBR (2.7Gbps) and HBR2 (5.4Gbps) link speeds. The build-in optional SSC function reduces EMI effect on EMI-concerned

3. Applications

Mobile systems, VR/AR
Cellular handsets, PAD/Tablets
Digital video cameras and Digital still cameras

- -40°C to 70°C Ambient Operation Temperature Range / ESD HBM 4.0 kV
- Support DP / MDP port of TV / Monitor
- Easy to install , Plug & Play, Power free
- Contents: HDMI Male to MDP Female converter cable with 15 cm cable
- Dimension :43*23*12 (mm) +15cm Cable Weight : 25g~40g include cable