

Type-C to 2K VGA Converter Cable

C2V-715-P provides a Type-C Male to 2K VGA Female 15cm converter cable.

General Description

The C2V-715-P is a high-performance Display Port to VGA converter. Combined with Display Port receiver and triple DACs, the C2V-715-P supports Display Port input and VGA output by conversion function. The build-in Display Port receiver is fully compliant with Display Port 1.1a specification. With 2-lane HBR (High-Bit-Rate) Display Port receiver, the C2V-715-P can support VESA resolution up to WUXGA and UXGA. Also the build-in triple DACs can support up to 8 bit deep colors.



The C2V-715-P provides high performance, DP2VGA conversion function, and it can help modern NB or MB to be compatible with traditional VGA only projectors, monitors, and TVs.

1. USB Type-C interface:

C2H-711 supports 4 Configuration Channels (CC) and integrates complete Rp and Rd resistors of CC for two USB Type-C receptacles. USB Type-C interfaces are compliant with USB Power Delivery Specification Revision 3.0.

2. Features (Display Port RX)

Compliance with DP Specification **V1.1a** at **1.62/2.7 Gbps** data rate (Low bit rate/High bit rate)

Support flexible **1/2** lanes configurations; **5.4 Gbps** data rate support (2 lanes at 2.7Gbps)

Support DPCD **Rev.1.1**

Support Source Connection Detection through AUX channel DC levels

Automatic loss of signal detection for Link management

Features (VGA DACs): Tripe **8-Bit** DAC Converters / **230 MSPS** Throughput Rate

Embedded Compensated Circuits./Complementary Outputs

3. Features (Combined)

Support up to **QXGA(2048x1536)**, **QWXGA(2048x1280 RB)**, **WUXGA(1920X1200 RB)** and **UXGA(1600x1200)** VESA display format

Support DP Input deep color depth up to **12bit**, and support VGA output color depth to **8bit**

Active mode current consumption at 162 Mhz UXGA resolution is ~245mA.

RoHS Compliant (100% Green available)

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 8.0 kV
- Support VGA port of TV / Monitor / Easy to install , Plug & Play, Power free
- Contents: Type-C 15 cm Male to VGA Female converter cable
- Dimension :48*45*15 (mm) +15cm Cable Weight : 45g~60g include cable