

Video Converter

4K30 DisplayPort to HDMI Converter

Model: VC-FHD-HDMI

PRODUCT OVERVIEW

DisplayPort to HDMI Converter, 4K@30Hz, EDID Copy, HDCP, DP++

The DisplayPort to HDMI Converter, VC-FHD-HDMI, converts 4K DP++ (dual-mode) video into an HDMI signal, supporting resolutions up to 4K at 30Hz. The EDID Copy function allows the converter to either read the necessary EDID information from the unit itself or copy it from an EDID-compliant monitor, ensuring that every video source is displayed at the optimal resolution and format without compatibility issues.

Featuring a compact design and plug-and-play functionality with no software or driver installation required, the VC-FHD-HDMI is HDMI 1.4 and HDCP compliant. It is compatible with most popular screen resolutions.

Top View



FEATURES

- Converts DisplayPort video signals to HDMI
- Works with video cards capable of outputting DP++ (DisplayPort Dual-mode) signals
- A simple LED indicator makes operation user-friendly
- EDID copy function ensures optimal video presentation
- Supports HDCP content protection
- Automatically enters power-saving mode when input is lost
- Plug-and-play system configuration
- HDMI 1.4b output, up to 3 Gbps, supporting 4K × 2K, Full HD 1080p with 12-bit deep colour, and 3D
- Fully compliant HDMI output, up to 300 MHz TMDS clock
- Compatible with most popular screen resolutions, including XGA, SXGA, UXGA, WSXGA, Full HD, WUXGA, and UHD

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SPECIFICATIONS

Parameter	Descriptions
Max. Video Resolution	3840 x 2160 @30Hz (4:4:4)
Video Input	DisplayPort x 1 (DP Dual-mode)
Video Output	HDMI 1.4 x 1
LED Indicator	Status (Power) x 1
HDCP Compliance	HDCP 1.4
HDMI TMDs Clock Rate (Max.)	300 MHz
Power Supply	DC 5V (Mini-USB)
Operating Environment	0 ~ 40°C, Humidity < 80%
Storage Temperature	-20 ~ 60°C
Enclosure	Metal + Aluminium
Dimensions H x W x D (mm)	20 x 80 x 50
Weight (g)	150
Warranty	1-Year Limited Warranty. Advance Replacement Warranty is available.

CONNECTION DIAGRAM



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