

# Video Converter

## 4K30 HDMI to DisplayPort Converter

Model: VC-FHH-DP

### PRODUCT OVERVIEW

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

The HDMI to DP Converter VC-FHH-DP converts an HDMI video signal to DisplayPort output, supporting resolutions up to 4K@30Hz. The EDID Copy function allows the converter to either read the required EDID information from its internal settings or copy EDID data from an EDID-compliant display. This ensures that the video source is displayed at the optimal resolution and format without compatibility issues.

With a compact design and true plug-and-play operation, no software or driver installation is required. Compliant with HDMI 1.4 and HDCP standards, the VC-FHH-DP is compatible with most popular screen resolutions.

#### Top View



### FEATURES

- Converts an HDMI source to DisplayPort
- Supports resolutions up to 4K@30Hz (4:4:4)
- HDMI 1.3b, up to 2.5 Gbps
  - ✓ Supports 1080p with 12-bit Deep Color
  - ✓ Up to 3.0 Gbps (300 MHz TMDS clock)
- HDCP support
- Compatible with popular screen resolutions up to 4K UHD
- Reads and stores (records) EDID from the connected display for video extension systems
- Supports DisplayPort audio
- True pixel-to-pixel signal transmission
- Hardware-based video converter; no driver or software required
- Compact size; economical, durable, and dependable

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## SPECIFICATIONS

Parameter	Descriptions
Max Video Resolution	3840 x 2160 @30Hz (4:4:4)
Video Input	HDMI x 1
Video Output	DisplayPort x 1
Push Button	EDID Copy x 1
LED Indicator	Status x 1
HDCP Compliance	HDCP 1.4
Frequency Range	25 ~ 300 MHz
Audio over DisplayPort	Yes
Power Consumption	DC 5V (Mini-USB), 150mA
Operating Environment	0 ~ 40°C, Humidity < 80%
Storage Temperature	-20 ~ 60°C
Enclosure	Metal
H x W x D (mm)	22 x 52 x 80
Weight (g)	180
Warranty	1-Year Limited Warranty. Advance Replacement Warranty is available.

## CONNECTION DIAGRAM



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