Specification

Model Name	VC-4KH-DP
Input Port	HDMI 2.0 x 1
Output Port	DisplayPort 1.2 x 1
Max. Video Resolution	3840 x 2160 @ 60Hz (4:4:4) 4096 x 2160 @ 60Hz (4:4:4)
Slide Switch	X 1 (Non-HDCP / 1.4 / Reserved / Auto)
LED Indicator	Status Power
HDCP Compliance	HDCP 1.4
Embedded Audio	Yes
Enclosure	Aluminium
Power Supply	HDMI Powered (or Optional DC 5V Mini-USB Input)
Operating Environment	0 ~ 40°C, Humidity < 80%
Storage Temperature	-20 ~ 60°C
H x W x D (mm)	17 x 60 x 45
Weight (g)	64

Product Description

1	Video Input Port	Connects to an HDMI video source
2	Power Supply	Apply DC 5V (Optional)
3	Status LED	**Green :** Waiting for Video I/O **Blue :** Video I/O Linked **Purple:** Video I/O Linked and HDCP Enabled
4	HDCP Switch	**0 :** Non HDCP **1 :** HDCP 1.4 **2 :** Reserved **M:** Automatic Reference to Monitor
5	Video Output Port	Connects to a DisplayPort display

Features

- Conversion from HDMI to DisplayPort supports resolutions up to 4K at 60Hz (4:4:4).
- HDMI 2.0 offers speeds up to 6 Gbps per lane, totalling 18 Gbps.
- The device features selectable HDCP, making it suitable for various applications.
- It is compatible with popular screen resolutions, including up to 4K UHD.
- Auto-EDID technology ensures optimal display compatibility.
- It supports DisplayPort audio for audio output.
- The converter delivers a true pixel-to-pixel signal for accurate image reproduction.
- As a hardware-based converter, it requires no drivers or software installation.
- The device is compact, durable, and offers reliable performance.
- It can be powered either by the HDMI port or an optional DC 5V input.

Package Contents

- 1 x Video Converter
- 1 x USB Power Cable
- 1 x Power Adapter Set (Optional)
- 1 x User Manual
- 1 x Foot Pad Set

User Manual

4K@60Hz HDMI-to-DisplayPort Converter

VC-4KH-DP

□ The final specification is based on the actual product.
□ Features and functions may be added or changed after the manual was written. Please visit our website to download the latest version of manual for reference.
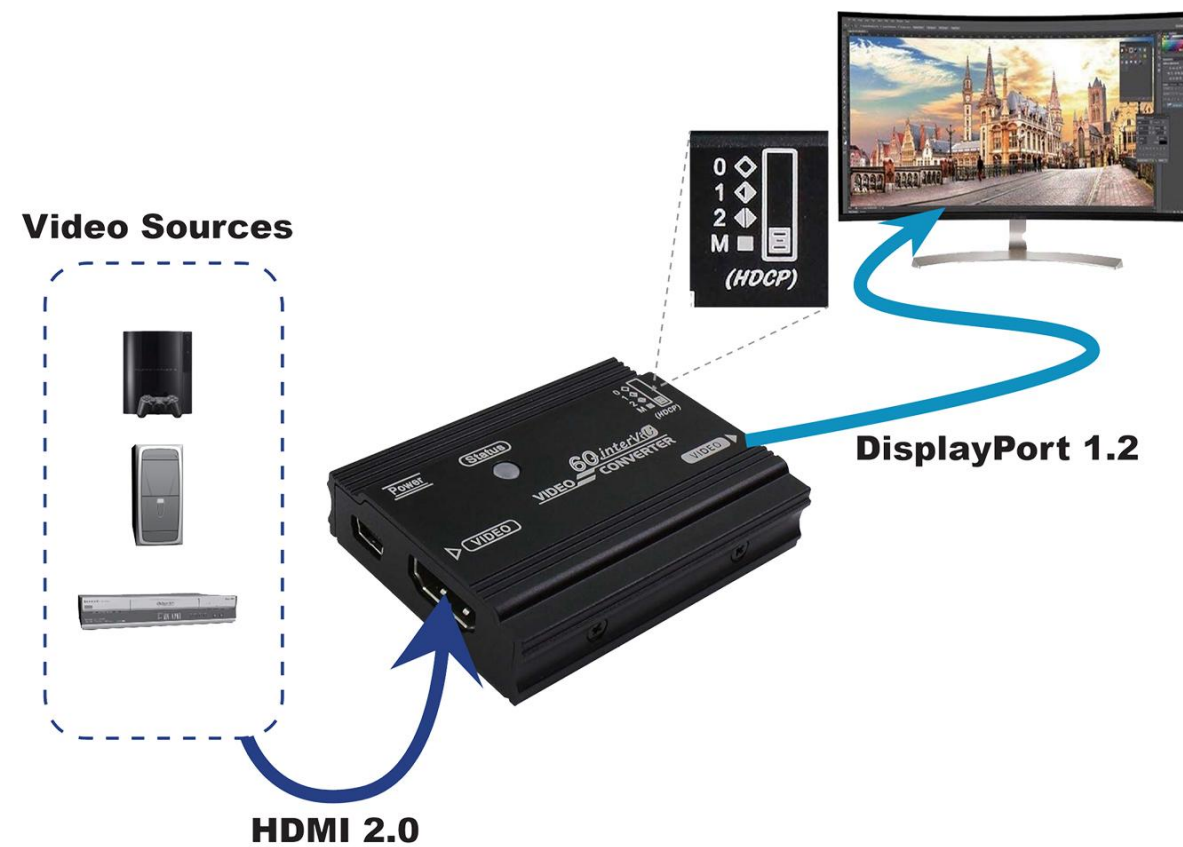
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Installation

1. Use an HDMI cable to connect the video source device to the Input Port on the Unit.
2. Use a DisplayPort cable to connect the display to the Output Port on the Unit.
3. Apply power to the Unit. You may now turn on the display and source device.

NOTE:

1. The Unit must be connected to the computer before the computer is powered on.
2. **Power-free operation:** The video source can supply power through the HDMI connector. If the source cannot supply more than 180mA, the screen will go black. The optional 5V DC input should be applied in such situation.

Connection Diagram

Video Sources

HDMI 2.0

DisplayPort 1.2