

Video Splitter

4K30 DisplayPort EDID/HDCP Feeder with 2 Ports Splitter Function, 2 DP Outputs

Model: VSP-FHD-2DP

PRODUCT OVERVIEW

DisplayPort EDID Feeder with 1x2 DP Splitter Function, 4K@30(4:4:4), HDCP

The **VSP-FHD-2DP**, DP EDID Feeder, distributes DisplayPort video output to two DP monitors. Its built-in HDCP key acts as a coordinator between the source and display device to ensure uninterrupted digital video streaming.

EDID Feeder: DDC Ghost

The EDID Auto Learning and EDID Copy functions allow the DP Ghost to either read the necessary EDID information from the splitter unit itself or copy EDID from EDID-compliant monitors (DP1 or DP2), ensuring accurate display output. The DP Ghost aggregates EDID feeds from either DisplayPort 1 or DisplayPort 2 compliant monitor and supports both Permanent (EDID Copy) and Temporary (EDID Auto Learning) EDID configurations.

Note: EDID Auto Learning records EDID information but data will be erased after hot-plugging or power-off.

4K UHD
@30 (4:4:4)

EDID
Management

HDCP 1.4
Compliance



FEATURES

- 2-Port 4K30Hz DisplayPort Splitter with built-in EDID/HDCP engine
- EDID Emulator (DDC Ghost) prevents computers from disabling inactive DisplayPort ports
- EDID Copy/Auto Learn: copy EDID from connected displays or auto-configure for continuous video output
- Restore up to 4 sets of customised EDID information
- HDCP key/engine ensures smooth and optimum video display
- Supports DP++ for broader compatibility and applicability
- Supports resolutions up to 4K UHD @30Hz (3840 × 2160) and over 100 popular resolutions
- Plug-and-play design, works with any operating system, no software installation required
- Durable, economical, and dependable design

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SPECIFICATIONS

Parameter	Descriptions
Max Video Resolution	3840x2160@30Hz (4:4:4)
Video Input	DisplayPort x 1
Video Output	DisplayPort x 1 (Main) (DP++) DisplayPort x 1 (Aux)
EDID Memories	4
Slide Switch	EDID Copy x 1 (Main DP x 3, AUX DP x 1)
Push Button	EDID Function x 1
LED Indicator	Status x 1
HDCP Compliance	HDCP 1.4
Power Supply	DC 5V (Mini-USB)
Operating Environment	0 ~ 40°C, Humidity < 80%
Storage Temperature	-20 ~ 60°C
Enclosure	Metal
H x W x D (mm)	24 x 98 x 64
Weight (g)	200
Warranty	1-Year Limited Warranty. Advance Replacement Warranty is available.

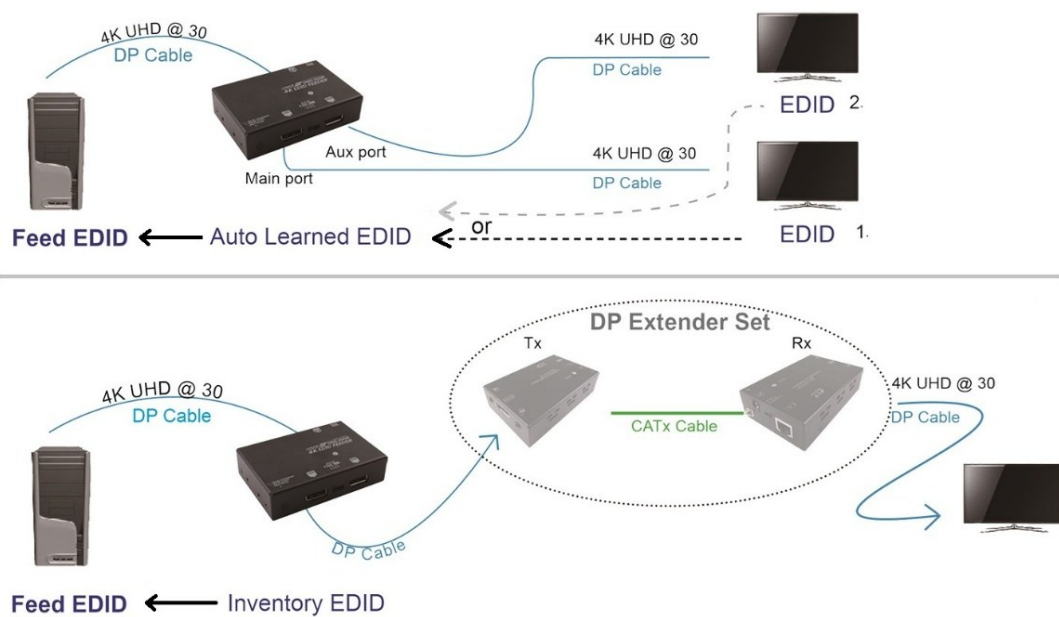
Top View



Side Views



CONNECTION DIAGRAM



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