[HD8259FH] UM of 8K@60Hz 1x2 HDMI splitter v20250312

Dimension: 540 (w) x 100 (H) mm; Folded Dimension: 90 (w) x 100 (H) mm

Color: B/W

FOSMON

HDMI 1x2 Splitter (8K@60Hz) in Metal Casing w/ EDID Control (Copy/Auto/Downscaler) – Black [HD8259FH]

DO NOT RETURN THE PRODUCT
There are good days and there are bad days. It is our BAD if the product is not working, or if you are not happy with it. PLEASE GIVE US A CHANCE and WE WILL MAKE IT RIGHT

Contact us:
- 1-833-3-FOSMON (833-336-7666)
- (612) 435-7508
- support@fosmon.com

Thank you for purchasing this Fosmon product. For optimum performance and safety, please read this user manual carefully before operating and keep it for future reference.

Package Includes
1x 1x2 HDMI Splitter
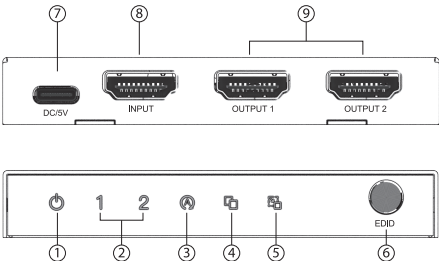1x USB-A to USB-C Cable (power brick/supply not included)
1x User Manual

Specifications

Input Ports	HDMI x1
Output Ports	HDMI x2
Video Amplifier Bandwidth	10Gbps/1000MHz per channel (40Gbps all channels)
Interlaced (50&60Hz)	480i, 576i, 1080i
Progressive (50&60Hz)	480p, 576p, 720p, 1080p, 4K@24/30Hz, 4K@50/60/120Hz, 8K@24/30/50/60Hz
HDCP	2.3
Power Consumption (Max)	5W
Dimensions (LxWxH)	90 x 44 x 14 mm
Weight	87g

Features
- 1 HDMI input device to 2 HDMI output devices
- Supports up to 8K@60Hz 4:4:4
- Supports High Dynamic Range (HDR)
- Supports CEC (Consumer Electronics Control)
- Supports HDCP 2.3
- Supports Uncompressed Audio such as LPCM
- Supports Compressed Audio such as DTS, Dolby Digital (DTS-HD Master Audio and Dolby TrueHD)
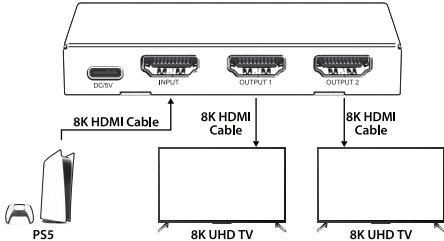
EDID Modes (Auto, Copy and Downscaler)
The EDID select button will cycle between the three different EDID modes: Auto, Copy and Downscaler. Select the EDID mode that works best for your setup. You will know which EDID mode you have currently selected by looking at the LED indicators on the splitter.

Auto Mode: When the EDID mode is on Auto, the splitter will detect the resolution of each connected display and output the lowest resolution to all output displays.

Copy Mode: When the EDID mode is on Copy, the splitter will copy the resolution settings of the first output display to the second output display. Meaning that both your displays will be showing the same resolution even if your other display is capable of a higher resolution.

Product Diagram

① Power LED
② 1~2 HDMI Output LED Indicators
③ Auto Mode LED Indicator
④ Copy Mode LED Indicator
⑤ Downscaler Mode LED Indicator
⑥ EDID Select Button (cycle through the different EDID modes)
⑦ DC/5V: USB DC 5V Input Port (power port)
⑧ HDMI Input Port
⑨ HDMI Output Ports (HDIM output 1 and 2)

Downscaler: When the EDID mode is on Downscaler, the splitter will downscale the higher resolution source to a lower resolution to match the resolution of a lower resolution display. This allows you to connect both a 4K/8K and 1080p monitor simultaneously.

Connection Diagram

Installation and Usage Guide
1. Plug in the provided USB-A to USB-C power cable to the splitter. A power supply/brick is not included.
2. Plug your HDMI input device (PS5 in the diagram example image) into the HDMI input port on the splitter.
3. Plug in two HDMI output displays in the HDMI output 1 and 2 ports on the HDMI splitter.
4. Choose the EDID mode that works best for your setup with the EDID select button on the splitter. There are three EDID modes, Auto, Copy and Downscaler.

Notes
- If you want to output 8K@60Hz/4K@120Hz, then you have to ensure that your input source devices, HDMI cables, and output device all support those said resolutions and refresh rates.
- For 8K resolutions, you will need to make sure your HDMI cables are 2.1 rated.
- If you are in Downscaler mode, the supported resolution can only go up to 8K@60Hz 4:2:0 for the main monitor.

Troubleshooting / Common Issues
1. Receiving no power or no video signal.
   a. Ensure that your device's HDMI cables are properly and fully connected to the splitter. Make sure that your devices are powered on as well.
2. Display is flickering when using the splitter.
   a. Ensure that your HDMI cables are securely connected.
   b. Check to see if the HDMI cable(s) you are using is having issues by plugging your devices directly to each other without the splitter.
   c. Try to use shorter HDMI cables for more optimal performance. With the longer the HDMI cable is, there are higher chances of performance issues. 6 feet and shorter HDMI cables will provide the best results.
3. Why is the power light off or not working?
   a. You must plug in the provided USB-A to USB-C power cable in order for the splitter to work. It does not power on by the plugged in input devices. Please use an applicable power brick/supply to use in conjunction with the USB-A to USB-C cable for power.
4. Why can I not switch my input source between the two monitors?
   a. This is a splitter that displays a single input HDMI source to two HDMI display outputs at the same time. It does not allow you to switch your input source between two monitors.
5. Why is one of my monitors not displaying a proper image?
   a. Please check your HDMI cables and ensure that they are securely connected.
   b. Check to see if the HDMI cable(s) you are using is having issues by plugging your devices directly to each other without the splitter.

c. Make sure your higher resolution monitor is plugged into the first output port and make sure you are on the correct EDID mode.

Safety Precautions
- Do not attempt to open the product to prevent electrical shocks.
- Always place the splitter on a stable and flat surface to prevent it from falling.
- Do not expose the splitter to water, moisture, or high-humidity environments to avoid the risk of damage.
- Avoid placing the splitter by direct sunlight or high temperatures to avoid the risk of damage.
- Do not place the splitter near heat sources such as stoves, radiators or other heat producing devices.

FCC Information
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Limited Lifetime Warranty
Visit fosmon.com/warranty for Product Registration, warranty and limited liability details.

Recycling the Product
To dispose this product properly, please follow the recycling process regulated in your area.