FOSMON P

Model: HD8243FPUS

Fosmon 1x2 HDMI Extender Splitter 230ft (70M) Over Single Cat6a/7 Cable w/ US AC Adapter (4K@60Hz) - Black

STOP

PLEASE DO NOT RETURN THIS PRODUCT

There are good days and bad days. If there is a problem with your product or you are unhappy with it,
PLEASE GIVE US A CHANCE TO MAKE IT RIGHT.

Email: support@fosmon.com
US Toll Free: 1-833-3-FOSMON
(833-336-7666)
Local/International: (612) 435-7508

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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 HDMI Extender Transmitting Unit
1x HDMI Extender Receiving Unit
1x DC 12V Power Adapter
1x IR Blaster Transmitter
1x IR Blaster Receiver
1x User Manual

Specifications

Input Port	HDMI x1, Ethernet x1, IR x2
Output Port	HDMI x1, Loop Out HDMI x1, Ethernet x1, IR x2
Extensions Distance	70 m (230 feet) for 4K@60Hz 4:4:4
Vertical Frequency Range	50/60Hz
IR Frequency Range	20-60KHz
Interlaced Resolutions(50&60Hz)	480i,576i,1080i
Progressive Resolutions(50&60Hz)	480p,576p,720p,1080p,4K@60Hz
Operating Temperature	0℃ to 50℃
Storage Humidity	5% to 90% RH non-condensation
Power Supply	DC 12V
Power Consumption (Max)	Transmitting Unit: 1.3W Receiving Unit: 1.6W
Dimension(LxWxH)	Receiving Unit: 104*81*14.5 mm Transmitting Unit: 104*81*14.5 mm
Net Weight	Transmitting Unit: 150 g Receiving Unit: 146 g
Material	Metal

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Features

• Supports high resolutions up to 4K@60Hz YUV 4:4:4
• Supports HDCP 2.2 and HDCP 1.4
• High Dynamic Range (HDR) Supported
• Supports EDID and HDCP bypass
• Supports data transfer rates up to 6.0Gbps per channel (18Gbps all channels)
• Supports 12bit per channel (36bit all channels) deep color
• Supports uncompressed audio such as LPCM
• Supports compressed audio such as DTS, Dolby Digital
• Supports the single ended power supply feature, 12V power transmitted from sending unit to receiving unit

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Package Diagram

Transmitting Unit

1 HDMI Output: Connect your HDMI output device (display device)
2 HDMI Input: Connect your HDMI input device (input signal device)
3 DC 12V Power Port: Connect the provided 12V power adapter for power
4 Ethernet/CAT Output Port: UTP cable connection port for output signal
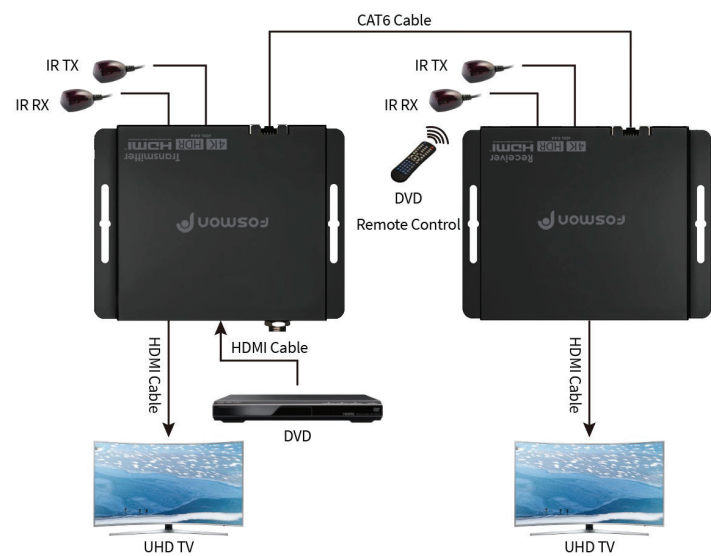5 IR Input Port: IR signal input port
6 IR Output Port: IR signal output port

Receiving Unit

7 HDMI Output: Connect your HDMI output device (display device)
8 IR Output Port: IR signal output port
9 IR Input Port: IR signal input port
10 Ethernet/CAT Output Port: UTP cable connection port for output signal

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Connection Diagram Example

Installation and Usage Guide (Transmitting Unit)

1. Plug in your HDMI input device into the HDMI input source port on the transmitting/sending unit.
2. Plug in the IR blaster transmitting cable into the IR in port on the transmitting/sending unit.
3. Plug in the DC 12V power cable to power on the transmitting and receiving units.
4. Plug in an Ethernet (CAT6a or better) cable into the CAT output port on the transmitting/sending unit.
5. Optional: You can plug in a HDMI output display with the extra HDMI display loop output port on the transmitting/sending unit.

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Installation and Usage Guide (Receiving Unit)

1. Connect the other end of the Ethernet cable from the transmitting/sending unit to the CAT input port on the receiving unit.
2. Plug in your HDMI display (monitor/screen) device into the HDMI display output source port on the receiving unit.
3. Plug in the IR blaster receiving cable into the IR out port on the receiving unit. This will allow you to use your input device's remote from your output setup without being in front of your input device's setup.

Notes

1. If you want to output 4K@60Hz, then you have to ensure that your input source devices, HDMI cables, and output devices all support those said resolutions and refresh rates.

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Troubleshooting / Common Issues

Receiving no power or no video signal

Ensure that your device's HDMI cables are properly and fully connected to the transmitting and receiving units. Ensure that the power adapter is properly plugged in. Ensure that your Ethernet cable is properly plugged in and working.

Display is flickering when using the units

a. Ensure that your Ethernet and 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 extender.
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. 6ft and shorter HDMI cables will provide the best results.

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Safety Precautions

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

Recycling the Product

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

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.

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