


HD8239FLUS USERMANUAL


Print on Both Side

Size : 12cm x 8cm

Type : Foldable



Fosmon HDMI Extender Adapter  
Over Single Cat5e/6 Cable w/ US AC Adapter  
(1080p@60Hz) – Black



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)  
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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 Receiver  
1x HDMI Transmitter  
1x IR Receiver  
1x IR Blaster  
1x 5V/1A DC Power Supply Adapter  
1x User Manual

Mechanical Specifications

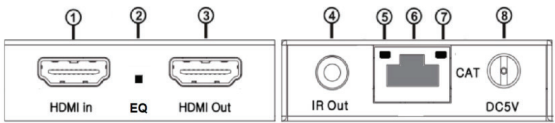
Housing	Metal enclosure
Power consumption	1.5 watts (TX); 1.0 watts (RX)
Operation temperature	32~104 °F
Storage temperature	-4 ~140 °F
Relative Humidity	20-90% RH (no condensation)

Specifications

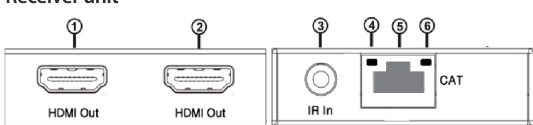
Power Supply	5V/1A DC
Video Bandwidth	Single-link 165MHz [4.95Gbps]
Video Support	480i/480p/720p/1080i/1080p@60Hz
Audio Support	Surround Sound (up to 7.1 ch) or stereo digital audio
Input TMDS Signal	3.3 Volts
Input DDC Signal	5.0 Volts/P-P
IR Frequency Range	30kHz-60kHz
ESD Protection	Human Body model: +/- 8 kV (air-gap discharge) +/- 4 kV (contact discharge)
HDMI Connector	Type A 19 pin female
RJ-45 Connector	WE/SS 8P8C
Transmission Range	FHD [1080p 24-bit color] up to 50 m [164 ft]
Transmitting Distance with Cat6a/7	70 m / 230 ft

Product Diagram

Transmitter unit



Receiver unit



1. HDMI OUT: HDMI loop out for local display.

2. EQ: Automatically adjust network cable length matching settings.

3. HDMI IN: HDMI input port to receive signal from source equipment such as DVD/Blu-ray players or Set-Top-Box.

4. IR OUT: Port to connect the IR Blaster cable included in the package for IR signal transmission. (Place the IR Blaster in direct line-of-sight of the equipment to be controlled.)

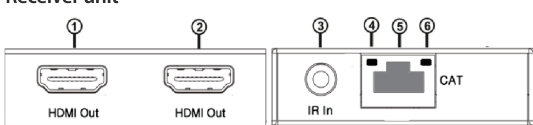
5. Power LED: This LED will illuminate when the device is receiving power.

6. CAT OUT: Output port for CAT cable.

7. Link LED: This LED will illuminate when the device is connected to an HDMI source.

8. DC 5V: Port for 5V DC power supply adapter.

Receiver unit



1 & 2. HDMI OUT: HDMI output port to display.


3. IR IN: Port to connect the IR Receiver for IR signal reception. (Ensure the remote being used is within direct line-of-sight of the IR receiver)

4. Power LED: This LED will illuminate when the device is powered.

5. LAN IN: CAT input port to receive signal from transmitter.

6. Link LED: This LED will illuminate when the device is connected to an HDMI source.

Wideband IR (30kHz – 60kHz)



IR RECEIVER

IR BLASTER

IR BLASTER (TX)

To control the source: Plug the IR Blaster into the IR OUT port of the transmitter unit; place blaster in direct line-of-sight of the IR eye of the source.

IR RECEIVER (RX)

To control the source: Plug the IR Receiver into the IR IN port of the receiver unit; place the receiver near the display.

Connect and Operate

1. Connect a source such as a Blu-Ray player, game console, A/V receiver, cable or satellite receiver, etc. to the HDMI IN port on the Transmitter unit.

2. Connect a display such as an HDTV or HD projector to the HDMI OUT ports on the Transmitter and Receiver units.

3. Connect a single Category 5e/6 (up to 164ft/50m) to the CAT output of the Transmitter unit, and the other end to the CAT input of the Receiver unit.

4. For power, plug the Transmitter unit with the included power supply.

At this point, the display connected should display the source signal connected to the extender set. If no signal is being displayed, press the transmitter EQ button. 24 Hz vertical refresh rate may work better than 60 Hz or higher. Use the source remote pointing at the IR receiver to test IR functionality. If the IR remote function is not responding, check the IR Blaster and IR Receiver to ensure they are placed correctly and are plugged into the correct IR jacks on the extender's Receiver and Transmitter units.

Troubleshooting

Issue	Possible Solution
No Power	1.Make sure the DC power is plugged in securely on both ends 2.Try a different power source
Poor Quality/No Image	1.Press the EQ button 2.Try Different HDMI and CAT cables (use HDMI cables less than 15ft/4.5m in length)

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.