



HDMI EXTENDER SET, 4K/120Hz, 30 M



Quick Installation Guide

DS-55342

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1. Introduction

The DIGITUS HDMI Extender Set enables HDMI signal transmission over a distance of up to 30 m (4K/120Hz, 4:4:4) using CAT 6 or higher cables. Its features also include bi-directional IR transmission, which enables flexible control of the signal source. It is also suitable for wall mounting, and therefore offers flexible installation options.

2. Technical Features

- HDMI signal transmission (point-to-point) up to 30 m in UHD resolution (4K/120Hz, 4:4:4)
- Bi-directional IR transmission
- Max. resolution: 4K/120Hz (4:4:4)
- Video bandwidth: 32 Gbps
- Supports HDCP 2.3
- Supports High Dynamic Range (HDR)
- HDMI 2.1
- Suitable for wall mounting.
- Supports CAT 6, CAT 6A, CAT 7 network cable.

3. Package content

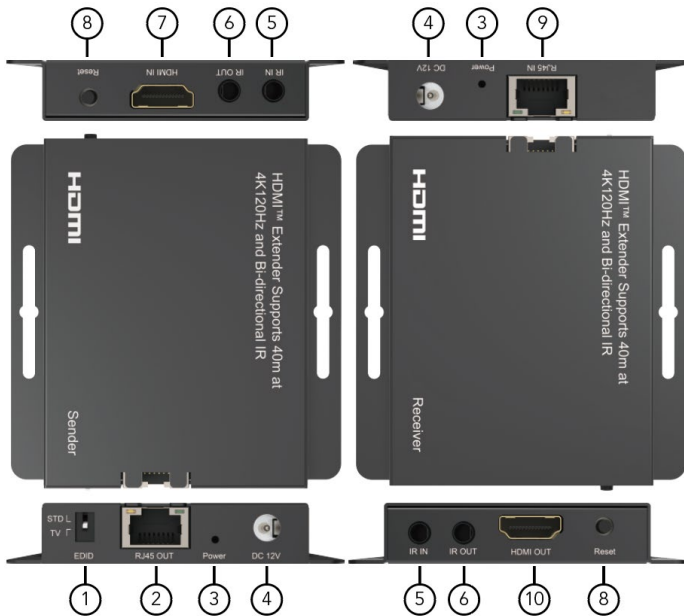
- 1x Transmitter unit
- 1x Receiver unit
- 1x IR transmitter
- 1x IR receiver
- 2x Power adapter (12V/1A, 1.2 m)
- 1x QIG

4. Specification

Transmitter unit connections:	
1x HDMI input (4K/120Hz) – Connection signal source	
1x RJ45 output – Connection CAT transmission cable	
1x IR output – Connection of IR transmitter	
1 x IR input – Connection of IR receiver	
1x Power adapter input (DC 12V/1A) – Connection for external power adapter	
1x Changeover switch resolution (4K/120Hz, EDID pass-through)	
1x Reset button	
1x Status LED	
Receiver unit connections:	
1x HDMI output (4K/120Hz) – Connection display	
1x RJ45 input – Connection CAT transmission cable	
1x IR output – Connection of IR transmitter	
1 x IR input – Connection of IR receiver	
1x Power adapter input (DC 12V/1A) – Connection for external power adapter	
1x Reset button	
1x Status LED	
Operating temperature	0-50°
Power consumption	TX: ca. 4W, RX: ca. 3.5W
Housing	Metal

Dimensions (1 unit)	L 8.4 x W 8.2 x H 1.5 cm
Weight (1 unit)	125 g
Color	Black

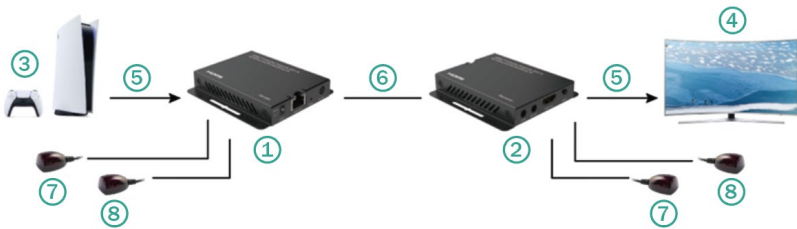
5. Ports and Interfaces



1. STD/TV: Select to the STD Mode for 4K120Hz and Pass-through to TV EDID Mode
2. RJ45 OUT: UTP Cable Output Connection Port
3. Power: Power LED Indicator
4. DC 12V: DC 12V In
5. IR IN: IR Signal Input Port
6. IR OUT: IR Signal Output Port

7. HDMI IN: Connect to Input Sources via HDMI Male Input Port
8. Reset: Short Click to Reset
9. RJ45 IN: UTP Cable Input Connection Port
10. HDMI OUT: Connect to Output Displays via HDMI Male Output Port

6. Connection Diagram



1	Sender	5	HDMI Cable
2	Receiver	6	CAT6 Cable
3	PS5	7	IR TX
4	UHD-TV	8	IR RX

7. Troubleshooting

Problems	Causes	Solutions
Non-power-connected/all LED off	Maybe the power supply is not connecting well or used with the wrong power adapter	Please check if the power supply is connecting well and the output voltage value is correct as recommended
No sound or sound issues	Maybe the HDMI connection is not well; the audio format is not supported by the displays; the source player set another port to output audio	Please check if the HDMI cables are connecting well; if the audio format is supported by the displays, customers can change to the supported audio format or the players audio output setting
No picture or picture flicker	Maybe the HDMI cable quality and UTP cable quality is not good enough or not connecting well	Please check if the HDMI and UTP connection is well or change another good quality HDMI 2.1 standard HDMI cable or UTP (CAT6 or better cable is recommended)

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