DIGITUS® 4K HDBaseT™ HDMI extender set, 150 m

DS-55508

EAN 4016032478942



HDBaseT HDMI Extender Set, 150 m 4K/60Hz, 18 Gbps, YUV 4:4:4, HDR

The HDBaseT™ HDMI Extender Set enables uncompressed and high-resolution signal transmission over long distances using a simple copper data cable. The maximum transmission distance is 150 m (Full HD). 4K signals can be extended up to 120 m. Thanks to PoC, only one unit needs to be supplied with power using an external power supply unit. RS232 and bidirectional IR transmission are also included in the scope of services. Thanks to an HDMI loop-out on the transmitter unit, a local monitor can be connected to control the output on the receiver.

The HDBaseT™ HDMI Extender Set enables uncompressed and high-resolution signal transmission over long distances

- Supports HDBaseT™ 1.0 via CAT6A/7/8 cable up to 100 m
- Supports 4K2K/60Hz (4:4:4)
- Maximum transmission distance (UHD 4K2K): 120 m
- Maximum transmission distance (Full HD 1080p): 150 m
- Video bandwidth: 18 Gbps
- Bidirectional IR transmission
- CEC Pass-Through
- Transmitter unit connections:
- 1x HDMI input (4K/60Hz) - Signal source connection
- 1x RJ45 (HDBaseT™) output - CAT transmission cable connection
- 1x HDMI loop-out / output - connection of local monitor (source device)
- 1x IR input for receiving remote control signals
- 1x IR output to control the source device
- 1x RS232 (3-pin Phoenix) for RS232 command transmission
- 1x power supply input (DC 24V/1A), screw connector - external power supply connection
- 1x Micro USB input - Service/FW update
- Receiver unit connections:
- 1x HDMI output (4K/60Hz) - Output device connection
- 1x RJ45 input (HDBaseT™) - CAT transmission cable connection
- 1x RS232 (3-pin Phoenix) for RS232 command transmission
- 1x 3.5 mm stereo audio output
- 1x IR input for receiving remote control signals
- 1x IR output to control the output display
- 1x power supply input (DC 24V/1A), screw connector - external power supply connection
- 1x Micro USB input - Service/FW update
- ESD protection
- Suitable for wall mounting
- Operating temperature: 0-40°
- Power consumption: approx. 9.36 W
- Compression: HDBaseT™ 1.0
- Housing: Metal
- Dimensions (1 unit): L 14 x W 6.5 x H 1.8 cm
- Weight: transmitter 160 g, receiver 155 g
- Color: black

Attributes

- HDTV Standard: Ultra HD 4K
- Category: CAT 5e
- Distance: 150 m
- KVM: no
- PoE (Power over Ethernet): no
- Transmission technology: HDBaseT
- Video connection ports: HDMI

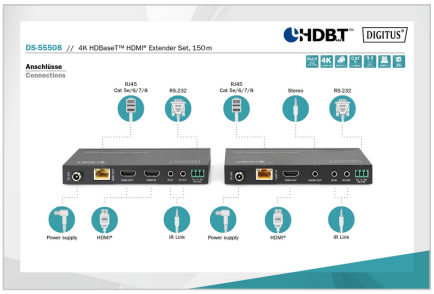
Package contents

- 1x transmitter unit
- 1x receiver unit
- 1x IR transmitter cable (1.5 m)
- 1x IR receiver cable (1.5 m)
- 1x power supply unit (DC 24V/1A, 1.45 m)
- 2x 3-pin Phoenix connector
- 4x mounting plate
- 1x operating instructions

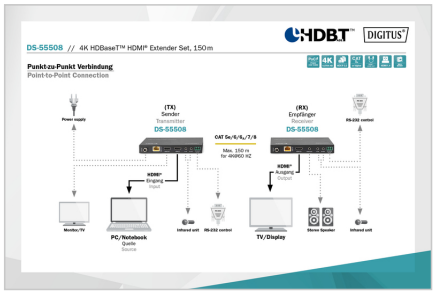
Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	10	10.00	26.20	40.00	39.20	41,081.60
Packaging Unit Inside	1	1.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	1.00	18.50	24.50	7.50	3,399.38
Net single without Packaging	1	0.16	6.50	14.00	1.80	0.00

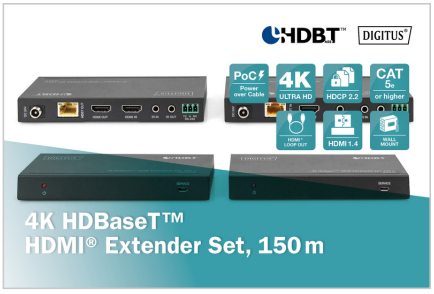
More images:











Safety notes

- If the device is powered by a plug-in power supply, ensure that the power adapter is connected correctly and meets the specified requirements (e.g. voltage and current).
- Only use certified CAT5e or CAT6 cables to ensure stable signal transmission.
- For particularly long cable runs or in environments prone to interference, it is recommended to use shielded network cables.
- Make sure that all connections are tight and secure to avoid loose contacts that could affect the signal quality. Make sure that the HDMI and Ethernet connections are connected correctly.
- Make sure that the CAT cable is not laid near high-voltage power lines or other strong sources of electromagnetic interference to avoid signal interference.
- Only operate the device within the specified temperature range.
- Do not use the device outdoors or in damp or wet environments
- Check all connections and cables regularly for wear or damage. Cables and connections can wear out, especially with frequent use or long installations, which can lead to poor signal quality or system failure.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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