

# 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, high-resolution signal transmission over large distances using a simple copper data cable. The maximum transmission distance is 150 m (Full HD). 4K signals can be extended to up to 120 m. Thanks to PoC, only one unit needs to be supplied with power by an external power adapter. RS232 and bi-directional IR transmission are also included as features. Thanks to an HDMI loop-out to the transmitter unit, a local monitor can be connected in order to control the output to the receiver.

### The HDBaseT™ HDMI Extender Set enables uncompressed, high-resolution signal transmission over large 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
- Bi-directional IR transmission
- CEC pass-through
- Transmitter unit connections:
  - 1x HDMI input (4K/60Hz) - Connection signal source
  - 1x RJ45 (HDBaseT™) output - Connection CAT transmission cable
  - 1x HDMI loop-out / output - Connection of local monitor (source device)
  - 1x IR input to receive remote control signals
  - 1x IR output for control of the source device
  - 1x RS232 (3-pin Phoenix) for RS232 command transmission
  - 1x Power adapter input (DC 24V/1A), screw connector - Connection for external power adapter
  - 1x Micro USB input - Service/remote maintenance update

- Receiver unit connections:
  - 1x HDMI output (4K/60Hz) - Connection output device
  - 1x RJ45 input (HDBaseT™) - Connection CAT transmission cable
  - 1x RS232 (3-pin Phoenix) for RS232 command transmission
  - 1x 3.5 mm stereo audio output
  - 1x IR input to receive remote control signals
  - 1x IR output for control of the output display
  - 1x Power adapter input (DC 24V/1A), screw connector - Connection for external power adapter
  - 1x Micro USB input - Service/remote maintenance update
- ESD protection
- Suitable for wall mounting
- Operating temperature: 0-40°
- Power consumption: approx. 9.36 W
- 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

- KVM: no
- PoE (Power over Ethernet): no

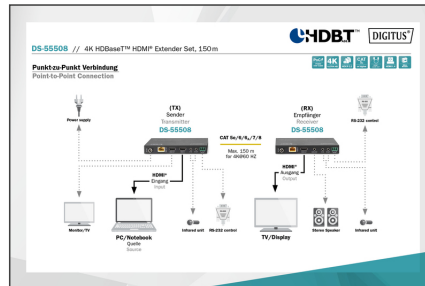
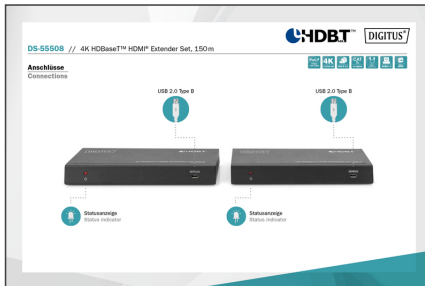
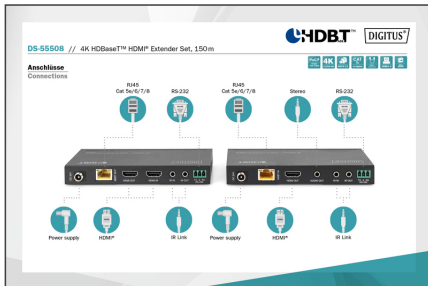
### Package contents

- 1x Transmitter unit
- 1x Receiver unit
- 1x IR transmission cable (1.5 m)
- 1x IR receiver cable (1.5 m)
- 1x Power adapter (DC 24V/1A, 1.45 m)
- 2x 3-pin Phoenix connector
- 4x Mounting plate
- 1x User manual

## 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            | 0.80        | 18.50      | 24.50      | 7.50        | 3,399.38  |

**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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