

# DIGITUS 4K HDBaseT™ HDMI KVM Extender Set, 150 m

DS-55526

EAN 4016032483724



## HDBaseT KVM Extender Set, 150 m 4K/60Hz, USB 2.0, PoC, IR, black

The HDBaseT™ HDMI KVM Extender Set enables uncompressed, high-resolution AV signal transmission over large distances using a CAT6 (or higher) network cable. The maximum transmission distance is 150 m. Thanks to PoC, only one unit needs to be supplied with power by an external power adapter. The receiver unit features two USB 2.0 ports for connection of webcam, data carrier, mouse and keyboard, for example. The set also supports touch displays. Thanks to the touch panel back control, the signal source can also be controlled using finger gestures. Bi-directional IR transmission is also included as a feature.

### The HDBaseT™ HDMI Extender Set enables uncompressed, high-resolution AV signal transmission over large distances and offers KVM functionality (connection of mouse and keyboard)

- Supports HDBaseT™ 1.0 via CAT6A/7/8 cable up to 100 m
- Transmission distance - Full HD (1080p/60Hz): 150 m (max.)
- Transmission distance - UHD (4K/60Hz): 120 m (max.)
- Supports 4K2K/60Hz (4:4:4)
- Video bandwidth: 18 Gbps
- HDMI 2.0b / HDCP 2.2
- USB 2.0
- 2x USB 2.0 ports on receiver for connection of webcam, data carrier, mouse and keyboard, for example.
- Touch display support / Touch panel back control
- HDR, HDR10, HDR10+, DolbyVision, HLG
- PoC (Power over Cable) - Only the unit requires an external power adapter
- EDID support (2 modes) - 1: Copy - HDMI output receiver / 2: Standard - 1080p, 2 channel
- Bi-directional IR signal transmission
- Transmitter unit connections:
  - 1x HDMI input (4K/60Hz) - Connection signal source
  - 1x RJ45 (HDBaseT™) output - Connection CAT transmission cable
  - 1x IR input to receive remote control signals
  - 1x IR output for control of the source device
  - 1x USB-B (2.0) - Connection of PC (signal source) for use of KVM function
  - 1x Power adapter input (DC 24V/1A), screw connector - Connection for external power adapter

- 1x Micro USB input - Service/remote maintenance update
- 1x EDID changeover switch
- Receiver unit connections:
  - 1x HDMI output (4K/60Hz) - Connection output device
  - 1x RJ45 input - Connection CAT transmission cable
  - 1x IR input to receive remote control signals
  - 1x IR output for control of the source device
  - 2x USB-A (2.0) - Connection of webcam, data carrier, touch panel, mouse and keyboard, for example
  - 1x Power adapter input (DC 24V/1A), screw connector - Connection for external power adapter
  - 1x Micro USB input - Service/remote maintenance update
- Suitable for wall mounting
- ESD protection
- Operating temperature: 0-40°
- Power consumption: approx. 13.2W
- Housing: Metal
- Dimensions (1 unit): L 6.5 x W 14 x H 1.8 cm
- Weight: Transmitter 245 g / Receiver 249 g
- Color: black

### Attributes

- HDTV Resolution max.: 3840 x 2160 Pixel, 60Hz
- HDTV Standard: Full HD
- Category: CAT 6A
- Distance: 150 m
- KVM: yes
- PoE (Power over Ethernet): no
- Transmission technology: CAT
- Video connection ports: HDMI

### 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, 1.15 m)
- 1x USB connecting cable (1.5 m)
- 1x Mounting material
- 1x User manual

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	10	10.93	26.20	40.00	39.20	41,081.60
Packaging Unit Inside	1	1.09	0.00	0.00	0.00	0.00
Packaging Unit Single	1	1.09	18.50	24.50	7.50	3,399.38
Net single without Packaging	1	0.00	6.50	14.00	1.80	0.00

The image displays the DIGITUS DS-55526 4K HDMI to HDMI Extender Set, which includes two 150m extender units and a power supply. The top row shows two views of the extender units. The middle row shows the product specifications and connection diagrams for two different setups. The bottom row shows the physical components including the power supply, cables, and mounting brackets.

- 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.

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