DIGITUS® 4K HDBaseT™ HDMI KVM extender set, 70 m

DS-55512

EAN 4016032480020



HDBaseT HDMI KVM Extender 4K/30Hz, 70 m, 10.2 Gbps, HDCP 2.2

The HDBaseT™ HDMI KVM Extender Set enables signal transmission over long distances using a simple copper data cable. The maximum transmission distance is 70 m (Full HD). 4K signals can be extended up to 40 m. Thanks to PoC, only one unit needs to be supplied with power using an external power supply unit. Bidirectional IR transmission and KVM functionality (USB 1.1) for connecting a mouse and keyboard are also included.

Extends the HDMI signal up to 70 m and offers the option of controlling the keyboard and mouse via USB on the receiver unit

- Extends the maximum length for HDMI cables to up to 70 m (Full HD, 1080p/60Hz) or 40 m (UHD, 4K/30Hz) via a simple network cable
- KVM functionality (USB 1.1) for connecting mouse & keyboard
- PoC (Power over Cable) - only one unit requires an external power supply unit
- Supports CAT 5e, 6, 6A, 7, 8 network cables
- Video bandwidth: 10.2 Gbps
- Supports HDBaseT™ 1.0
- HDCP 2.2, 1.4
- IR transmission (bi-directional)
- Compact design for simple and flexible installations
- Robust metal housing
- Transmitter unit connections:
- 1x HDMI input (4K/30Hz) - Signal source connection
- 1x RJ45 output (HDBaseT™) - CAT transmission cable connection
- 1x USB-B input - Host PC connection for using the KVM functionality
- 1x IR input for receiving remote control signals
- 1x IR output to control the source device
- 1x power supply input (DC 12V/1A), screw connector - external power supply connection
- Receiver unit connections:
- 1x HDMI output (4K/30Hz) - Output device connection
- 1x RJ45 input (HDBaseT™) - CAT transmission cable connection
- 2x USB-A (1.1) input - mouse & keyboard connection
- 1x IR input for receiving remote control signals
- 1x IR output to control the output display
- 1x power supply input (DC 12V/1A), screw connector - external power supply connection
- ESD protection
- Suitable for wall mounting
- Operating temperature: 0-40°
- Power consumption: approx. 6.6 W
- Compression: HDBaseT 1.0
- Housing: Metal
- Dimensions (1 unit): L 6.5 x W 14 x H 1.8 cm
- Weight: transmitter 224 g, receiver 227 g
- Color: black

Attributes

- HDTV Standard: Full HD
- Resolution max.: 1920 x 1080 Pixel, 60Hz
- Category: CAT 5e
- Distance: 70 m
- KVM: yes
- PoE (Power over Ethernet): no
- Transmission technology: HDBaseT
- Video connection ports: HDMI

Package contents

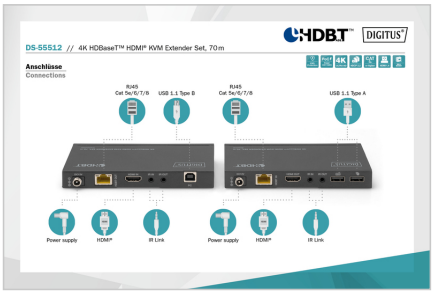
- 1x transmitter unit
- 1x receiver unit
- 1x IR transmitter cable (1.5 m)
- 1x IR receiver cable (1.5 m)
- 1x power supply unit (DC 12V/1A, 1.45 m)
- 1x USB-B-A cable (1.5 m)
- 4x mounting plate
- 1x operating instructions

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	10	2.30	0.00	0.00	0.00	0.00
Packaging Unit Inside	1	0.23	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.23	0.00	0.00	0.00	0.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	240.66

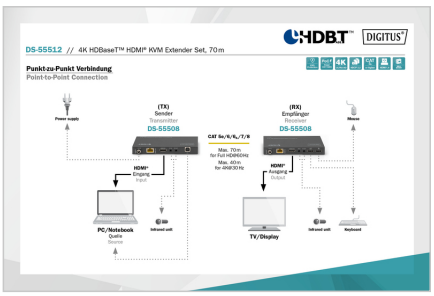
More images:















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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