DIGITUS® 4K HDMI HDBaseT™ 2.0 KVM extender set, 100 m

DS-55505

EAN 4016032472667



HDBaseT 2.0 HDMI KVM Extender Set 4K/60Hz (4:2:0), 6x USB

With the DIGITUS® HDMI HDBaseT™ 2.0 KVM Extender Set, you can control your source device from up to 100 meters away over a single CAT6A/7/8 cable connection, with uncompressed 4K HDMI™ video content and access to up to 6 connected USB devices. This extender has been specifically designed for a smooth and straightforward setup. The HDBaseT™ 2.0 technology enables installation via a single cable, avoiding the hassle of running multiple cables. The typical use case would be a cross-room solution, for example, where the source device and display can be up to 100 meters apart. You can use up to 6 USB devices connected to the transmitter module from the receiver and of course enjoy video and audio content. A very simple KVM functionality in terms of installation and use. Instead of multiple cables, lay just one RJ45 network cable or use the existing network connections (point-to-point) with the HDMI HDBaseT™ 2.0 Extender from DIGITUS®.

Use an RJ45 network cable to transmit high-resolution, uncompressed audio/video content, USB signals and data

- Inputs: 1 x HDMI™ , 1 x USB B
- Outputs: 1 x HDMI™ , 6 x USB A
- HDMI bandwidth: 10.2 Gbps
- HDCP version: 2.2
- HDMI version: 1.4
- Color depth: 36Bit total (12Bit per channel)
- Uses HDBaseT™ 2.0 technology (VS2310)
- Supports Full 3D, 1080p, 4K@30/60Hz
- Supports sub-sampling: 4:2:0
- Supports HDBaseT™ 2.0 via CAT6A/7/8 cable up to 100 m
- Supports USB 2.0 features (Hi-Speed)
- Supports CEC (Consumer electronics control)
- Supports uncompressed audio transmission (LPCM7.1)
- Supports compressed audio transmission (DTS, Dolby Digital incl. DTS-HD Master Audio™ and Dolby TrueHD)
- Supported resolutions (interlaced): 480i, 576i, 1080i
- Supported resolutions (progressive): 480p, 576p, 720p, 1080p, 4K (4096x2160@24Hz, 3840x2160@60/30Hz)
- Operating temperature: 0°C to 40°C
- Operating humidity: 5% to 90% RH (non-condensing)
- Power consumption transmitter: 3 W
- Receiver power consumption: 7 W
- Power supply unit: Input: 100 - 240 V AC / 0.65 A - Output: 12 V / 2 A
- Power supply cable length: 1.2 m
- Compression: HDBaseT 2.0
- Transmitter dimensions: W 13 x D 10 x H 2.5 cm
- Receiver dimensions: W 11 x D 8 x H 2.8 cm
- Weight: 212 g (transmitter), 240 g (receiver)
- Housing: Metal

Attributes

- Resolution max.: 3840 x 2160 Pixel, 60Hz
- Category: CAT 5e
- Distance: 100 m
- KVM: yes
- PoE (Power over Ethernet): no
- Transmission technology: CAT
- Video connection ports: HDMI

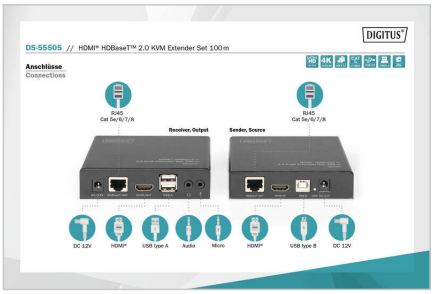
Package contents

- 1 x HDMI HDBaseT™ 2.0 KVM Extender Set
- 2 x 12 V / 2 A power supply unit
- 1 x USB connection cable 1.5 m
- 4 x mounting brackets for wall mounting

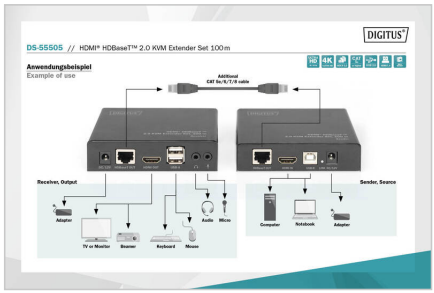
Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	20	19.50	62.00	51.00	22.00	69,564.00
Packaging Unit Inside	1	0.98	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.98	24.30	19.60	6.00	2,857.68
Net single without Packaging	1	0.48	10.40	8.90	2.60	0.00

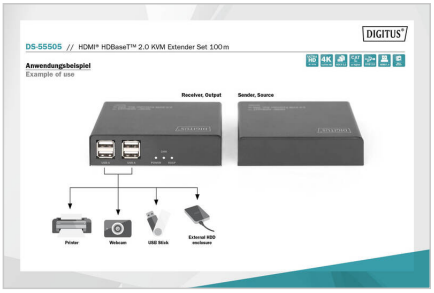
More images:

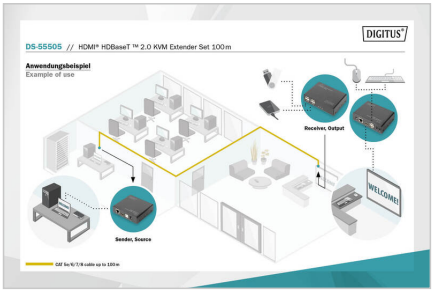


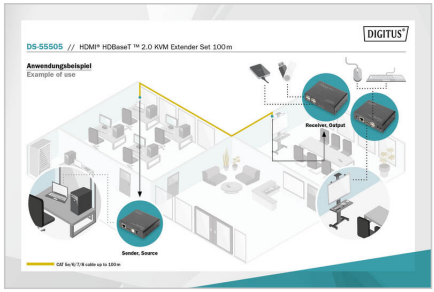

















Safety notes

- 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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