

# 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 at a distance of up to 100 meters using a single CAT6A/7/8 cable connection with uncompressed 4K-HDMI™ video content and access to up to 6 connected USB devices. This extender was specially developed for smooth and easy setup. HDBaseT™ 2.0 enables installation using a single cable, avoiding the laborious relocation of multiple cables. A typical application would be a multi-room solution in which the source device and display can be at a distance of up to 100 m. From the receiver, you can use up to 6 USB devices that are connected to the transmitter module, and of course you can enjoy video and audio content. A very easy KVM functionality when it comes to installation and application. Instead of relocating multiple cables, use a single RJ45 network cable or 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: 36-bit total (12-bit 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)

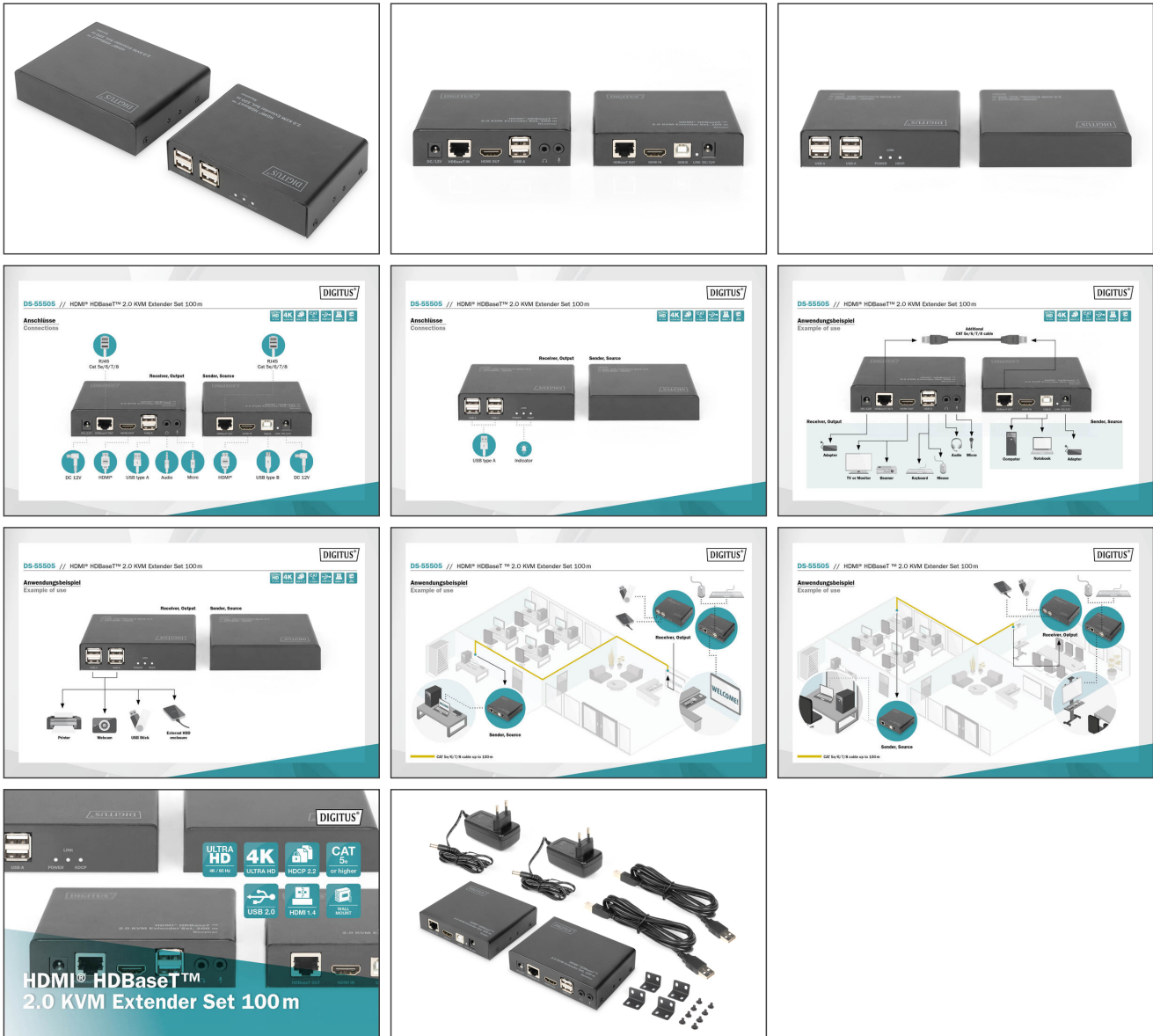
- Supports CEC (Consumer Electronics Control)
- Supports uncompressed audio transmission (LPCM7.1)
- Supports compressed audio transmission (DTS, Dolby Digital incl. DTS-HD Master Audio™ and Dolby TrueHD)
- Supported resolutions (interlaced): 480i, 576i, 1080i
- Supported resolutions (progressive): 480p, 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
- Power consumption receiver: 7 W
- Power adapter: Input: 100 - 240 V AC / 0.65 A - Output: 12 V / 2 A
- Cable length power adapter: 1.2 m
- Dimensions transmitter: W 13 x D 10 x H 2.5 cm
- Dimensions receiver: W 11 x D 8 x H 2.8 cm
- Weight: 212 g (transmitter), 240 g (receiver)
- Housing: Metal
- HDTV rezolucija maks.: 3840 x 2160 piksela, 60 Hz
- Kategorija: CAT 5e
- KVM: Da
- PoE (napajanje preko Ethernet): Ne
- Priklučci za video vezu: HDMI
- Razmak: 100 m
- Tehnologija prijenosa: CAT

### Package contents

- 1 x HDMI HDBaseT™ 2.0 KVM Extender Set
- 2 x Power adapter 12 V / 2 A
- 1 x USB Connection cable 1.5 m
- 4 x Installation bracket 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       | 69.56    |
| 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 | 0            | 0.48        | 10.40      | 8.90       | 2.60        | 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.

ASSMANN Electronic GmbH  
 Auf dem Schüffel 3  
 Lüdenscheid, Germany  
<https://www.assmann.com>  
[info@assmann.com](mailto:info@assmann.com)