DIGITUS®

DIGITUS HDMI HDBaseT™ 3.0 Extender Set, 100 m

DS-55523
EAN 4016032483700

HDBaseT 3.0 KVM Extender Set, 100 m USB 2.0, PoC, RS232, IR, eARC/ARC, black

The DIGITUS® HDMI HDBaseT™ 3.0 Extender Set enables uncompressed AV signal transmission in 4K/60Hz, 4:4:4 at 18 GB/s over a distance of 100 m via CAT 6A (or higher) cables. Both on the transmitter and on the receiver, there are two USB-A "Device" ports as well as a USB-B "Host" connection. This allows USB signals, e.g. for KVM, USB data carriers etc., to be integrated on both ends and connected to the processing PC on the respective opposite end. Both devices can be switched between "Host" and "Device" mode using a DIP switch. The system enables bidirectional transmission of PoC (Power over Cable) and IR. Via RS232, both devices can be controlled separately. Analog stereo audio decoupling is also available. Another impressive feature is versatile eARC/ARC compatibility, which enables the connection to new and older audio devices such as AVRs (Audio Video Receiver). Two modes (ARC, S/PDIF) are available here, which can also be toggled very easily using a changeover switch.

Uncompressed signal transmission in 4K/60Hz, 4:4:4 at 18 GB/s over a distance of 100 m via CAT 6A (or higher) cables

- HDBaseT™ 3.0 technology
- Supports eARC/ARC function (the sound is returned to the HDMI IN connection, HDMI OUT connection (only audio) and SPDIF OUT connection of the transmitter)
- Bi-directional IR transmission
- Bi-directional PoC (Power over Cable) transmission (24V) - Only the unit requires an external power adapter
- Transmitter unit connections:
- 1x HDMI input (4K/60Hz) with eARC/ARC - Connection for signal source, 1x HDMI output (loop out) - AV output for local TV or only audio output
- 2x USB-A 2.0 for KVM function (keyboard, mouse, webcam), connection of USB data storage media, etc.
- 1x USB-B input - Connection host PC for use of KVM functionality
- 1x RJ45 output (HDBaseT™ 3.0) - Connection CAT transmission cable
- 1x RJ45 (Gigabit Ethernet) network connection
- 1x RS232 (3-pin Phoenix) for RS232 command transmission
- 1x Toslink™ (S/PDIF) output
- 1x 3.5 mm audio (L/R, input/output)
- 1x IR input, 1x IR output
- 1x Power adapter input (DC 24V/1A), screw connector - Connection for external power adapter
- 1x Micro USB input - Service/remote maintenance update
- 3x Changeover switch, 1x selection key
- 5x Status LED
- Receiver unit connections:

- 1x HDMI output (eARC, ARC) - AV output for local TV with eARC, ARC
- 1x RJ45 input (HDBaseT™ 3.0) - Connection CAT transmission cable
- 2x USB-A 2.0 for KVM function (keyboard, mouse, webcam), connection of USB data storage media, etc.
- 1x USB-B input - Connection host PC for use of KVM functionality
- 1x RJ45 (Gigabit Ethernet) network connection
- 1x RS232 (3-pin Phoenix) for RS232 command transmission
- 1x Toslink™ (SPDIF) input
- 1x 3.5 mm audio (L/R, output)
- 1x IR input, 1x IR output
- 1x Micro USB input - Service/remote maintenance update
- 1x Power adapter input (DC 24V/1A), screw connector - Connection for external power adapter
- 1x Changeover switch, 1x Selection key
- 5x Status LED
- ESD protection
- Suitable for wall mounting
- Operating temperature: 0-40°
- Housing: Metal
- Dimensions (1 unit): L 17 x W 10.2 x H 2.2 cm
- Weight: Transmitter 425 g, receiver 437 g
- Color: Black

Attributes

- HDTV Resolution max.: 3840 x 2160 Pixel, 60Hz
- Distance: 100 m
- KVM: yes
- PoE (Power over Ethernet): yes
- Transmission technology: HDBaseT
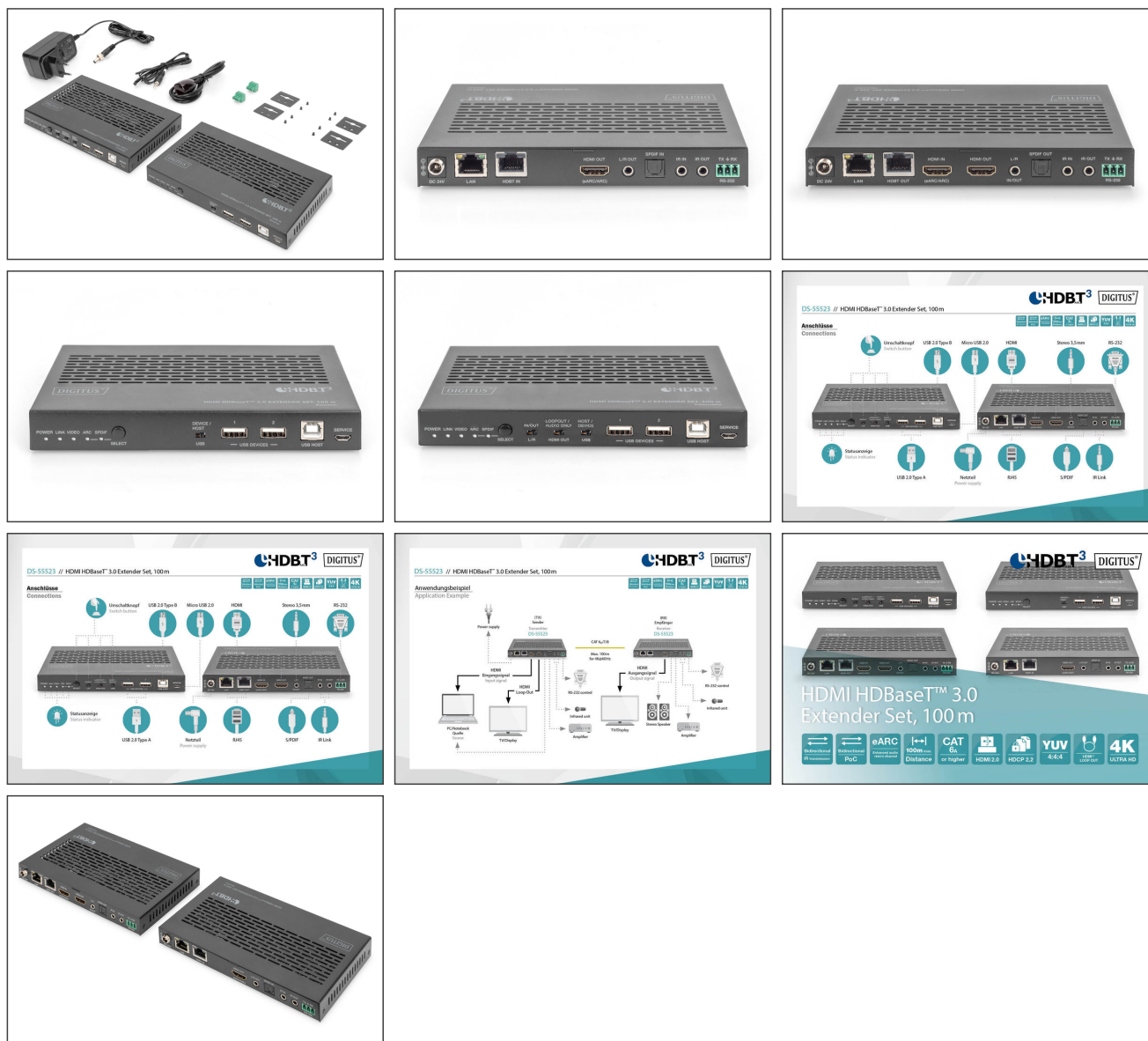- Video connection ports: HDMI

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, 1.45 m)
- 2x 3-pin Phoenix connector
- 1x Mounting accessories
- 1x User manual

Logistics

	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	10	7.80	30.70	40.00	46.20	56,733.60
Packaging Unit Inside	1	0.78	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.78	22.00	29.00	7.50	4,785.00
Net single without Packaging	1	0.52	22.00	29.00	7.50	4,785.00

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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