DIGITUS®

DIGITUS 4K HDBaseT™ HDMI Extender Set, 70 m

DS-55520
EAN 4016032483670

4K HDBaseT Extender Set, 70 m PoC, RS232, IR, black

The HDBaseT™ HDMI Extender Set extends Full HD AV signals over a distance of up to 70 m, 4K/30Hz signals can be extended over a distance of up to 40 m using a CAT6 (or higher) network cable. Thanks to PoC (Power over Cable), only one unit needs to be supplied with power by an external power adapter. Bi-directional IR transmission and RS232 signal transmission are also included as features.

The HDBaseT™ HDMI Extender Set enables uncompressed signal transmission of high-resolution AV signals over large distances

- Supports HDBaseT™ 1.0 via CAT6/7/8 cable up to 70 m
- Supports 4K2K/30Hz (24 bit)
- Maximum transmission distance (UHD 4K/30Hz, CAT6 or higher): 40 m
- Maximum transmission distance (Full HD, 1080p, CAT6 or higher): 70 m
- PoC (Power over Cable) - Only the unit requires an external power adapter
- Bi-directional IR signal transmission
- Bi-directional RS232 signal transmission
- HDCP 2.2 / 1.4
- Video bandwidth: 10.2 Gbps
- Transmitter unit connections:
- 1x HDMI input (4K/30Hz) - 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 RS232 (3-pin Phoenix) for RS232 command transmission
- 1x Power adapter input (DC 24V/1A), screw connector - Connection for external power adapter

- Receiver unit connections:
- 1x HDMI output (4K/30Hz) - Connection output device
- 1x RJ45 input (HDBaseT™) - Connection CAT transmission cable
- 1x IR input to receive remote control signals
- 1x IR output for control of the source device
- 1x RS232 (3-pin Phoenix) for RS232 command transmission
- 1x Power adapter input (DC 24V/1A), screw connector - Connection for external power adapter
- Suitable for wall mounting
- ESD protection
- Operating temperature: 0-40°
- Power consumption: approx. 20W max.
- Housing: Metal
- Dimensions (1 unit): L 6.5 x W 11.5 x H 1.7 cm
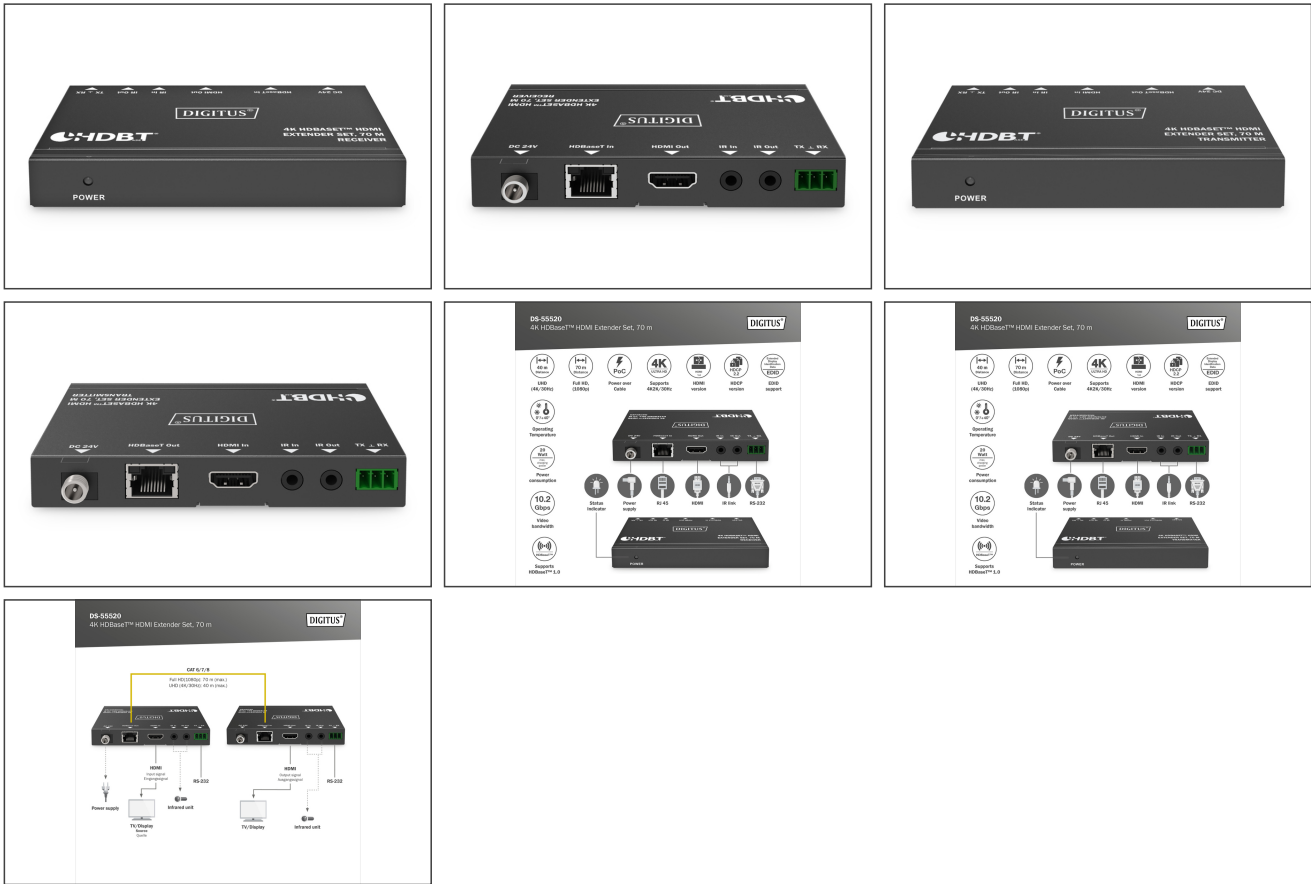- Weight (1 unit): 200 g
- Color: black

Attributes

- KVM: no
- PoE (Power over Ethernet): no

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/2A, 1.15 m)
- 1x Mounting material
- 1x User manual

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	20	16.50	37.50	44.90	37.20	62,635.50
Packaging Unit Inside	1	0.83	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.83	15.50	21.50	7.00	2,332.75
Net single without Packaging	1	0.20	11.50	6.50	1.70	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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