DIGITUS® HDMI extender set, 4K/60Hz, 70 m

DS-55506

EAN 4016032478928

HDMI 2.0 Extender Set, 70 m 4K/60Hz, 18 Gbps, HDCP 2.2, HDR, PoC

The DIGITUS HDMI Extender Set enables HDMI signal transmission over a distance of up to 70 m (4K/30Hz). The extender set supports UHD resolution (4K2K/60 Hz, 4:4:4, 18 Gbps) via a CAT 6/7/8 cable (60 m distance). Thanks to PoC, only one unit needs to be powered with an external power supply unit. HDR, HDCP support and automatic EDID detection are also part of the performance spectrum. A local monitor can be connected via the HDMI loop-out on the transmitter unit to monitor the output on the receiver.

Enables HDMI signal transmission over up to 70 m in UHD resolution (4K2K/60 Hz, 4:4:4) via a CAT cable

- HDMI 2.0
- 18 Gbps video bandwidth
- Supports 4K2K/60 Hz, 4:4:4
- HDCP 2.2 / 1.4
- Supports Cat5e, CAT 6, CAT 6A, CAT 7 network cables
- Maximum transmission distance at a resolution of 4K/30Hz: 70 m
- Maximum transmission distance at a resolution of 4K/60Hz: 60 m
- PoC (Power over Cable) - only one unit requires an external power supply unit
- Automatic EDID detection
- HDR support
- Transmitter unit connections:
- 1x HDMI input (4K/60Hz) - Signal source connection
- 1x HDMI loop-out / output - connection of local monitor (source device)
- 1x RJ45 output - CAT transmission cable connection
- 1x Micro USB input - Service/FW update
- 1x IR output - connection of IR transmitter
- 1x power supply input (DC 12V/1A) - external power supply connection
- Receiver unit connections:
- 1x HDMI output (4K/60Hz) - Output device connection
- 1x RJ45 input - CAT transmission cable connection
- 1x Micro USB input - Service/FW update
- 1x IR input - IR receiver connection
- 1x power supply input (DC 12V/1A) - external power supply connection
- Suitable for wall mounting
- ESD protection
- Operating temperature: 0-40°
- Power consumption: approx. 3.84 W
- Compression: DSC (Display Stream Compression)
- Housing: Metal
- Dimensions (1 unit): L 8.8 x W 6.1 x H 1.8 cm
- Weight (1 unit): 160 g
- Color: black

Attributes

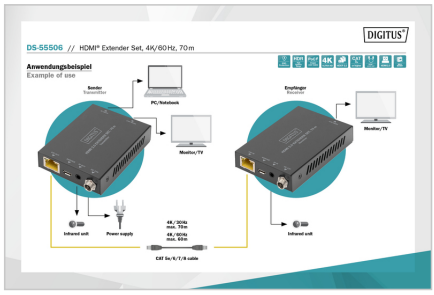
- HDTV Standard: Ultra HD 4K
- Category: CAT 5e
- Distance: 70 m
- KVM: no
- PoE (Power over Ethernet): no
- Transmission technology: CAT
- Video connection ports: HDMI

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, 1.15 m)
- 4x mounting plate
- 1x operating instructions

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	30	18.80	40.00	42.00	36.50	61,320.00
Packaging Unit Inside	1	0.63	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.63	11.30	20.00	7.50	1,695.00
Net single without Packaging	1	0.16	8.80	6.10	1.80	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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