DIGITUS® 4K video extender (USB-C - HDMI), 30 m

DS-55343

EAN 4016032495642



Video Extender Set, USB-C - HDMI, 4K/120Hz CAT6, 30 m

With our 4K Video Extender (USB-C - HDMI) and expand your possibilities in terms of picture quality and range. This extender enables the seamless transmission of USB-C AV signals with stunning 4K resolution and an impressive refresh rate of up to 120Hz over a distance of up to 30 meters, all via a simple CAT cable. With a maximum transmission distance of 30 meters and support for CAT 6 or higher network cables, our extender offers a flexible solution for your AV requirements, whether in a professional environment or for private home cinema/gaming. The USB-C 3.1 port serves as a signal input, while the HDMI 2.1 port connects the output display. With a maximum resolution of 4K/120Hz (4:4:4) and a video bandwidth of 32 Gbps, our extender delivers razor-sharp images and smooth motion for an unparalleled viewing experience. Thanks to support for High Dynamic Range (HDR) and HDCP 2.3, you can enjoy an extended color palette and improved picture quality, while Deep Color (36-bit) ensures vivid and accurate color reproduction.

Extends USB-C AV signals (4K/120Hz, 4:4:4) over a distance of up to 30 m via CAT cable for output on an HDMI display

- Maximum transmission distance: 30 m
- Supports CAT 6 or higher network cables
- Manufacturer's note: Please ensure that the CAT cable has at least CAT 6 (or higher) and at least a cross-section of AWG24 in order to use the highest possible resolution and distance
- USB-C 3.1 - Signal source connection
- HDMI 2.1 - Output display connection
- Max. Resolution: 4K/120Hz (4:4:4)
- Video bandwidth: 32 Gbps
- Supports High Dynamic Range (HDR)
- Supports HDCP 2.3
- Supports Deep Color (36 bit)
- Power supply transmitter via host, receiver via USB-C cable (included)
- EDID and HDCP Bypass
- Supports compressed (e.g. DTS, Dolby Digital, etc.) and uncompressed audio formats (e.g. LPCM, etc.)
- Digital Stream Conversation (DSC), compatible with DSC 1.2a
- Transmitter connections:
- 1x USB-C 3.1 (cable length 20 cm) - Signal source connection
- 1x RJ45 - CAT 6 or higher
- Receiver connections:
- 1x HDMI 2.1 - Output display connection
- 1x RJ45 - CAT 6 or higher
- Operating temperature: 0-70°
- Power consumption: approx. 5W
- Compression: DSC1.2a (Display Stream Compression)
- Housing: Aluminum
- Dimensions (housing): Transmitter L 9.3 x W 3.4 x H 1.5 cm, receiver L 7.2 x W 3.4 x H 1.5 cm
- Weight: transmitter 53 g, receiver 36 g
- Color: black

Attributes

- HDTV Standard: Ultra HD 4K
- Category: CAT 6
- Distance: 30 m
- KVM: no
- PoE (Power over Ethernet): no
- Transmission technology: CAT
- Video connection ports: HDMI

Package contents

- 1x transmitter
- 1x receiver
- 1x power cable (USB-A - USB-C), 0.95 m
- 1x operating instructions

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	80	15.80	47.00	35.50	28.50	47,552.20
Packaging Unit Inside	1	0.20	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.20	16.60	13.10	2.10	456.67
Net single without Packaging	1	0.05	9.40	3.40	1.50	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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