DIGITUS® HDMI extender set, Full HD, 50 m

DS-55100-1

EAN 4016032439929



HDMI Extender Set, 50 m over network cable (CAT 6/6a/7), EDID, 1x HDMI loop out, FHD, 1080p

The Digitus HDMI Extender Set, Full HD offers an extender solution up to 50 m for the highest demands. It transmits digital video and audio signals over a maximum length of up to 50 m. The highest supported video resolution is 1080p / 60Hz. There is an EDID switch on the transmitter unit with which the resolution and audio format of the output signal can be regulated. There is also an HDMI Loop Out port on the transmitter, which enables the connection of a local monitor. Thanks to PoC (Power over cable) support, only the transmitter unit needs to be supplied with power. Two bidirectional infrared units (transmitter, receiver) are supplied, which can be used for remote control of the connected input source.

Extends the maximum length for HDMI cables to up to 50 m using only a single network cable between a transmitter and a receiver unit

- Extends the maximum length for HDMI cables to up to 50 m via a simple network cable
- Highest supported video resolution: 1080p / 60 Hz
- Supports CAT 6, CAT 6A and CAT 7 network cables
- Manual EDID switch - Allows you to set the resolution and audio format on the transmitter unit
- HDMI Loop Out - Enables the connection of a local monitor to the transmitter unit
- Supports PoE (Power over Ethernet) - therefore a power supply for the receiver unit is not required
- Supports HDCP 1.2a
- Bandwidth: 4.95 Gbps
- Color depth: 8 bit
- Supports uncompressed audio signals such as LPCM
- Metal housing
- Compact size, easy handling and installation
- Power supply unit: DC 5V/2A
- Compression: Uncompressed
- Dimensions (1x unit): L 7.2 x W 6.70 x H 2.3 cm
- Color: black

Attributes

- HDTV-norma: Full HD
- rezolucija maks.: 1920 x 1080 piksela, 60 Hz
- Kategorija: CAT 6
- KVM: Ne
- PoE (napajanje preko Etherneta): Da
- Priključci za video vezu: HDMI
- Razmak: 50 m

Package contents

- 1x HDMI extender transmitter unit
- 1x HDMI extender receiver unit
- 1x power supply unit: DC 5V/2A
- 1x IR transmitter unit
- 1x IR receiver unit
- 1x operating instructions

Logistics

	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	20	23.00	42.50	31.50	42.00	56,227.50
Packaging Unit Inside	1	1.15	20.00	15.00	8.00	2,400.00
Packaging Unit Single	1	1.15	20.00	15.00	8.00	2,400.00
Net single without Packaging	1	0.14	7.20	6.70	2.70	0.00

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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