

4K HDMI extender via CAT / IP (set)

DS-55122

EAN 4016032448976



4K HDMI Extender Set over IP, 4K*2K@30Hz over network cable (CAT 5/5e/6/7), black

The 4K HDMI Extender Set (DS-55122) is a high-performance video distribution system consisting of a transmitter/receiver unit. It extends 4K HDMI signals up to 120 m via a CAT6 network cable (point-to-point connection). In addition, you can use a network switch and the individual receiver units (DS-55123) to distribute your video content to up to 253 displays via the existing network (IP connection). The additional integrated unidirectional IR interface enables remote control of the input source.

Use additional receiver units (DS-55123) and your existing network infrastructure to display video content on up to 253 screens (IP connection)

- Use additional receiver units (DS-55123) and your existing network infrastructure to display your video content on up to 253 screens (IP connection)
- Extends 4K video content up to 120 m with a CAT 6 cable (point-to-point connection)
- Extension of the signal (unlimited distance) via the existing local network infrastructure (IP connection)
- Supports 4K (30Hz), 3840x2160p resolution
- Supports CAT 5, CAT 5e, CAT 6 and CAT 7 network cables
- HDMI bandwidth: 10.2 Gbit / s (max.)
- Supports HDCP 1.4
- Integrated bidirectional IR interface - simple remote control of the input source
- Resolutions: 4K (30 Hz), 1080p, 1080i, 720p, 576p, 576i, 480p, 480i

- Supports HDTV
- Supports Deep Color (24bit)
- Supports uncompressed audio signals such as LPCM
- Operating temperature: 0°C - 60°C
- Metal housing
- Compact size, easy handling and installation
- Power supply unit: DC 5V/2A
- Compression: H.264
- Dimensions (1x unit): L 11.0 x W 9.4 x H 2.4 cm
- Weight (1x unit): 0.4 kg
- Color: Black

Attributes

- HDTV Standard: Ultra HD 4K
- Resolution max.: 3840 x 2160 Pixel, 30Hz
- Category: CAT 5e
- Distance: 120 m
- KVM: no
- PoE (Power over Ethernet): no
- Transmission technology: CAT, IP
- Video connection ports: HDMI

Package contents

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

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	20	16.90	42.50	31.50	42.00	56,227.50
Packaging Unit Inside	1	0.85	20.00	15.00	8.00	2,400.00
Packaging Unit Single	1	0.85	14.90	19.90	8.00	2,372.08
Net single without Packaging	1	0.34	9.40	10.70	2.40	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.