

# DIGITUS® 4K HDMI extender via CAT/IP (set), PoE

DS-55124

EAN 4016032455202



### 4K HDMI Extender Set over IP/CAT 5, 6 (120 m) complete PoE powered, UHD 4K@30Hz

The 4K HDMI extender set (DS-55124) consists of a transmitter and receiver unit. Both do not require external power supply units; power is supplied via an additional PoE switch. When using additional PoE switches or the existing infrastructure, the HDMI signal can be extended to an unlimited distance (IP connection). Using additional receiver units (DS-55125), your video content can be distributed to up to 253 screens using your existing network infrastructure or additional PoE switches (point-to-multipoint connection). With a simple point-to-point connection (requires power supply unit), your 4K video content can be displayed over a distance of up to 120 m. Place your displays, TV flexibly at any location, regardless of the output source.

### Complete power supply via PoE switch - no external power supply units required

- Extension of the HDMI signal (unlimited distance) via the existing local network infrastructure or using additional PoE switches (IP connection)
- Use additional receiver units (DS-55125) and your existing network infrastructure or additional PoE switches to display your video content on up to 253 screens (point-to-multipoint connection)
- Complete power supply via PoE switch - no external power supply units required
- Supports CAT 5, CAT 5e, CAT 6 and CAT 7 network cables
- Supports 4K (30Hz), 3840x2160p resolution
- HDMI bandwidth: 10.2 Gbit / s (max.)
- HDMI version: 1.4
- HDCP version: 1.4

- Integrated 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 (24 bit)
- Supports uncompressed audio signals such as LPCM
- Operating temperature: 0°C - 60°C
- Metal housing
- Suitable for wall mounting
- Compact size, easy handling and installation
- Compression: H.264
- Dimensions (1x unit): L 11.9 x W 9.4 x H 2.4 cm
- Color: Black

### Attributes

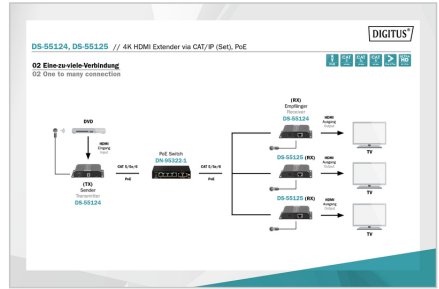
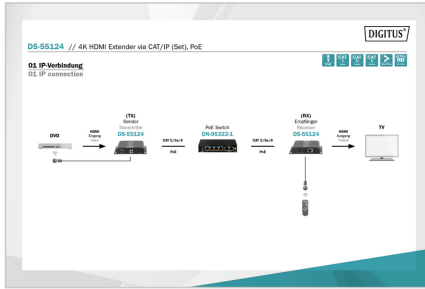
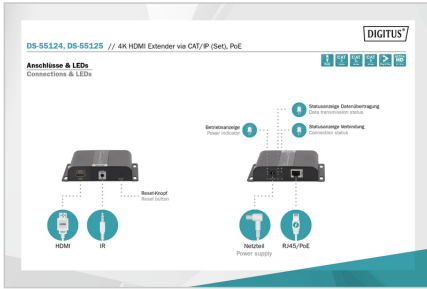
- HDTV Standard: Ultra HD 4K
- Resolution max.: 3840 x 2160 Pixel, 30Hz
- Category: CAT 5e
- Distance: 120 m
- KVM: no
- PoE (Power over Ethernet): yes
- Transmission technology: CAT, IP
- Video connection ports: HDMI

### Package contents

- 1x HDMI extender transmitter unit
- 1x HDMI extender receiver unit
- 1x IR transmitter unit
- 1x IR receiver unit
- Operating instructions

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	10	8.50	38.00	27.00	42.00	43,092.00
Packaging Unit Inside	1	0.85	24.00	17.60	8.00	3,379.20
Packaging Unit Single	1	0.85	24.00	17.60	8.00	3,379.20
Net single without Packaging	1	0.55	11.90	9.40	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.

**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](mailto:info@assmann.com)