DIGITUS® HDMI KVM Extender Set, 4K/30Hz

DS-55357

EAN 4016032501954



HDMI KVM Extender Set, 4K/30Hz 40/70 m, PoC, CAT, Black

The HDMI KVM Extender Set (4K/30Hz) enables lossless and virtually latency-free (10-20 ms) transmission of AV signals in Ultra HD resolution (4K/30Hz) over a distance of up to 40 meters using a CAT6 or higher-quality network cable. Thanks to the integrated KVM function, the mouse and keyboard can be connected directly to the receiver side, enabling convenient remote control. The system supports both uncompressed HDMI signal transmission in 4K/30Hz over 40 meters and Full HD (1080p/60Hz) transmissions over a distance of up to 70 meters. The ultra-low latency technology ensures virtually lag-free image playback (10-20 ms latency) and a seamless user experience. For easy and flexible installation, the set offers PoC (Power over Cable) support so that only the transmitter unit needs to be supplied with a power supply unit. Thanks to Plug & Play installation, quick and uncomplicated commissioning is guaranteed. The HDMI KVM Extender Set is the ideal solution for professional applications, conference rooms, industrial control systems or home theater setups that require high-resolution signal transmission with additional control options.

Enables AV signal transmission in UHD resolution (4K/30Hz) over a distance of up to 40 m via a CAT6 (or higher) network cable and offers KVM function (keyboard, video, mouse) as well as PoC (Power over Cable) on the receiver side

- Max. Resolution: Ultra HD 4K/30Hz (3840x2160p)
- Max. Range 4K/30Hz (3840x2160p): 40 m
- Max. Range 1080p/60Hz: 70 m
- Supports CAT6 or higher network cables
- HDMI 1.4
- HDCP 1.4
- Max. Video bandwidth: 10.2 Gbps
- Latency: 10-20 ms
- Supports HDR10 (High Dynamic Range)
- Max. HDMI cable length: 5 m
- Protection against ESD (electrostatic discharge)
- Transmitter unit (TX) connections:
- 1x HDMI input (4K/30Hz) - Signal source connection
- 1x RJ45 output (Gigabit Ethernet) - CAT transmission cable connection
- 1x USB-A (1.1) - Signal source connection (PC)
- 1x power supply connection (DC 5V/2A) - external power supply connection
- 1x reset button
- 2x status LED
- Receiver unit connections (RX):
- 1x HDMI output (4K/30Hz) - Display connection
- 1x RJ45 input (Gigabit Ethernet) - CAT transmission cable connection
- 2x USB-A (1.1) - Mouse & keyboard connection
- 1x reset button
- 2x status LED
- Operating temperature: -20° - 60° C
- Power consumption: TX + RX approx. 10 W
- Compression: CSC (Color Space Compression)
- Dimensions (1 unit): L 7.5 x W 6.0 x H 2.0 cm
- Weight (1 unit): 123 g
- Housing: Metal
- Color: Black

Attributes

- HDTV-norma: Ultra HD 4K
- rezolucija maks.: 3840 x 2160 piksela, 30 Hz
- Kategorija: CAT 6
- KVM: Da
- PoE (napajanje preko Etherneta): Ne
- Priključci za video vezu: HDMI
- Razmak: 40 m
- Tehnologija prijenosa: CAT

Package contents

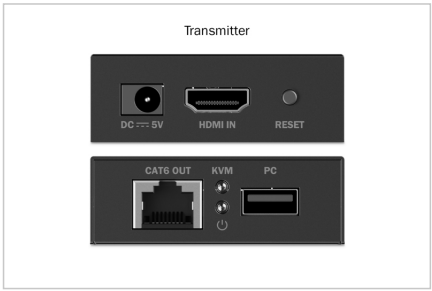
- 1x transmitter unit
- 1x receiver unit
- 1x mains adapter, EU plug (DC 5V/2A, 1.2 m)
- 1x USB cable (1.2 m)
- 1x operating instructions

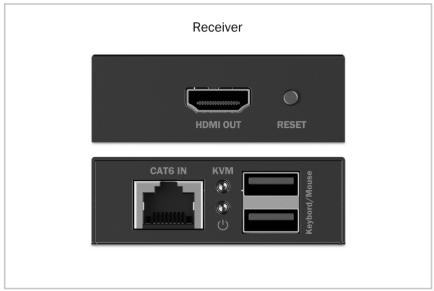
Druckfehler, Irrtümer und technische Änderungen sind vorbehalten. | Printing errors, falsities and technical changes remain reserved.

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	20	11.64	37.50	26.00	38.00	37,050.00
Packaging Unit Inside	1	0.58	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.58	15.00	11.70	7.70	1,351.35
Net single without Packaging	1	0.25	7.50	6.00	2.00	0.00

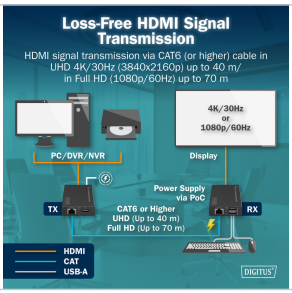
More images:

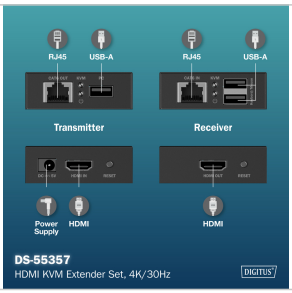












Safety notes

- 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