

INLINE® KVM EXTENDER

DP 4K/60 Hz, HDBaseT, 150 m, Set



- **Reliable DisplayPort transmission over long distances:** Transmits DisplayPort signals up to 150 m over a single Cat.6 network cable. Image quality remains stable and unaltered even over long distances.
- **Full KVM functionality over a network cable:** Enables simultaneous transmission of image, keyboard and mouse signals. Computers and control stations can be separated without compromising ease of use.
- **Integration of control and operating signals:** Supports the transmission of IR and RS-232 signals. External devices can also be reliably controlled remotely.
- **High image quality for professional applications:** Supports resolutions up to 3840 x 2160 @ 60 Hz with full colour resolution (4:4:4). Suitable for demanding AV and IT installations.
- **Optimised for continuous professional use:** Designed for continuous operation in dry indoor environments. The system offers stable signal transmission and a robust design for demanding environments.

The InLine DisplayPort HDBaseT Extender enables the reliable transmission of DisplayPort video signals as well as keyboard and mouse data over long distances of up to 150 metres.

Signal transmission is via a single Cat.5e or Cat.6 network cable based on the HDBaseT standard. This allows computers and operating stations to be separated spatially without compromising image quality or usability.

In addition to pure video transmission, the system supports the forwarding of USB signals for keyboard and mouse as well as IR and RS-232 control signals. This enables integration into complex control and AV environments where central system locations and remote displays or operating stations are required.

Thanks to its support for resolutions up to 3840 x 2160 @ 60 Hz with full colour resolution, the extender is suitable for professional applications with high image display requirements. Transmission is stable and consistent even over long distances.

The extender is designed for operation in dry indoor environments and is built for continuous use. The included mounting brackets allow for flexible installation, while the lockable power supply ensures a secure power supply.

Technical features

- Transmission medium: Network cable (CAT5e / CAT6)
- Transmission standard: HDBaseT
- Maximum transmission distance:
 - up to 150 m with Full HD (1080p) via CAT6
 - up to 100 m with 4K@60Hz
- Transmission of control and operating signals: Infrared (IR) and RS-232
- Transmission of keyboard and mouse signals via USB (KVM function)
- Operating temperature: 0 °C to +40 °C
- Storage temperature: -20 °C to +60 °C
- Permissible humidity: 20–80 %, non-condensing

Video / Signal

- DisplayPort standard: DP 1.2a
- HDCP: Version 2.2

- Maximum resolution: 3840 x 2160 @ 60 Hz (4:4:4)
- Maximum data rate: 21.6 Gbps
- HDR support: HDR, HDR10, HDR10+, Dolby Vision, HLG
- Colour depth: 8 bits, 10 bits or 12 bits

Audio

Supported formats:

- LPCM 2.0 / 5.1 / 7.1
- Dolby Digital Plus
- DTS-HD Master Audio

Power supply (external)

- Input: AC 100–240 V / 50–60 Hz
- Output: DC 24.0 V / 1.0 A
- Output power: max. 24.0 W
- Average efficiency in operation (230 V / 50 Hz): 88.02 %
- Power consumption at zero load (230 V / 50 Hz): 0.08 W
- Efficiency at low load (10 %) (230 V / 50 Hz): 80.33 %

Connections

Transmitter

- 1 x DisplayPort input
- 1 x HDBaseT output (RJ45)
- 1 x IR input (3.5 mm jack) for receiving remote control signals
- 1 x IR output (3.5 mm jack) for transmitting remote control signals to the source device
- 1 x RS-232 connection (3-pin screw terminal connector)
- 1 x USB-B connection (host)
- 1 x USB service connection
- 1 x DC 24 V power supply

Receiver

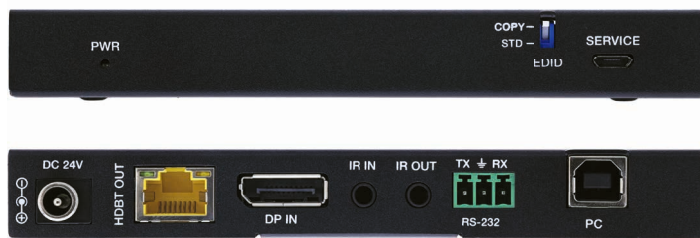
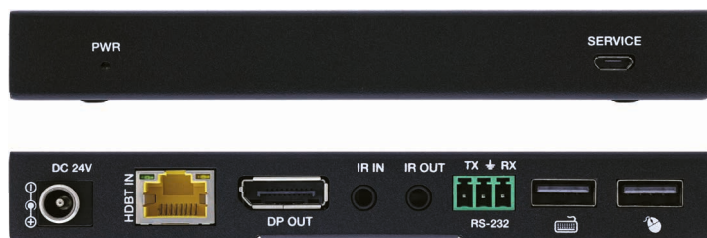
- 1 x HDBaseT input (RJ45)
- 1 x DisplayPort output
- 2 x USB-A connections for keyboard and mouse
- 1 x IR input (3.5 mm jack) for receiving remote control signals at the display location
- 1 x IR output (3.5 mm jack) for transmitting remote control signals to the display device
- 1 x RS-232 port (3-pin screw terminal connector)
- 1 x USB service port
- 1 x DC 24 V power supply

Scope of delivery

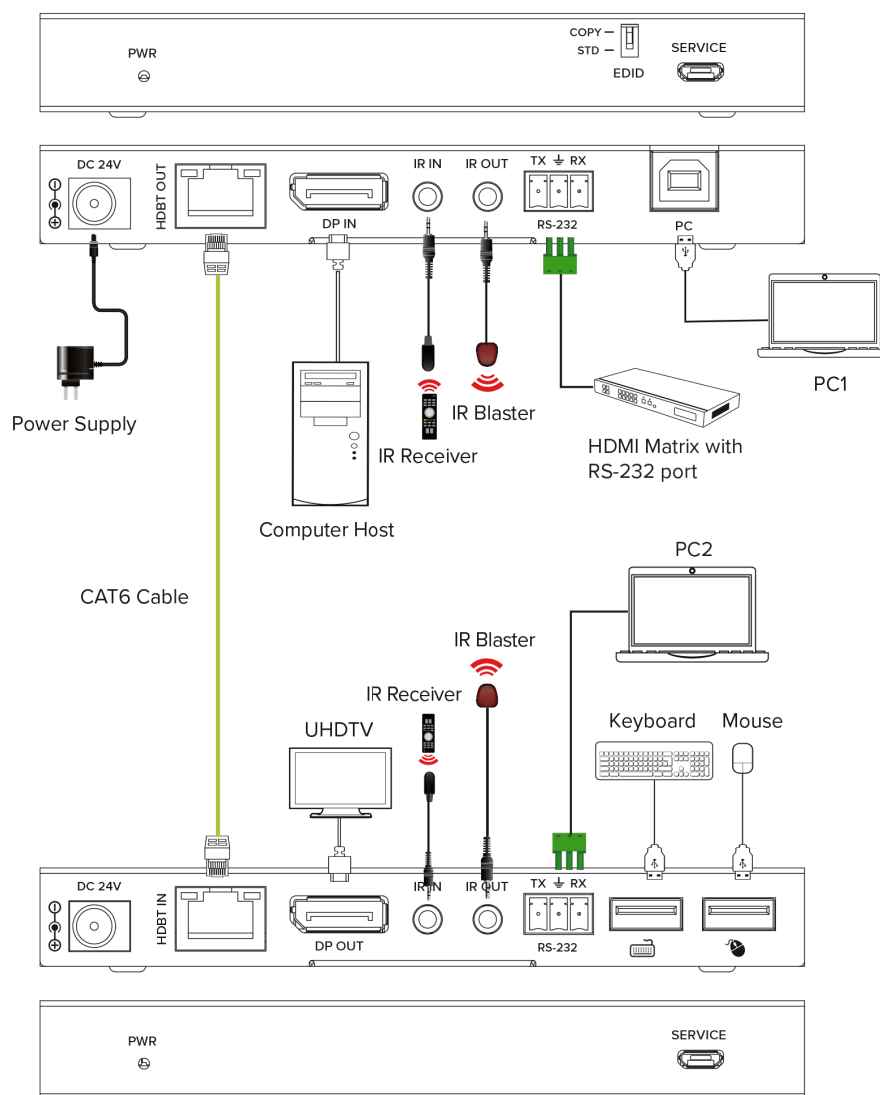
- 1 x DisplayPort HDBaseT Extender – Transmitter
- 1 x DisplayPort HDBaseT Extender – Receiver
- 1 x Power supply unit (DC 24.0 V / 1.0 A, lockable)
- 1 x IR receiver cable (approx. 1.5 m)
- 1 x IR transmitter cable (approx. 1.5 m)
- 1 x USB cable (USB-A to USB-B, approx. 1.5 m)
- 4 x mounting brackets
- 8 x mounting screws
- 2 x 3-pin screw terminal connectors (RS-232)
- 1 x operating instructions in German/English

Technical Data	
Article height:	1.80 cm
Article length:	14.00 cm
Article width:	6.50 cm
DisplayPort standard:	1.2
Interface:	DisplayPort, USB, Audio
Max. distance:	150 m
Max. resolution:	3840x2160 / 60 Hz
Type 1:	KVM Extender
Type 2:	DisplayPort Extender Bundle

Item No.	Colour	EAN
57885N	Schwarz	4043718348718



Transmitter



Receiver

If you have any further questions, please contact marketing@inline-info.com

www.inline-info.com/en/

Disclaimer

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