

InLine 578850 KVM extender Transmitter & receiver



Model: 578850

Manufacturer: INLINE

EAN: 4043718348725

Product Code: 1552250

R9,546

Long transmission distances without loss of quality: DisplayPort signals are reliably transmitted over fibre optic cables at distances of up to 10 km without any loss of resolution or frame rate.

High-resolution image quality up to 4K60Hz: DisplayPort 1.4a support enables transmission of 3840 x 2160 at 60 Hz with full colour resolution and high colour depth.

Integrated KVM function for convenient operation: Keyboard and mouse signals are transmitted via USB, allowing remote systems to be operated completely without additional hardware.

Interference-free signal transmission via fibre optic cable: The fibre optic connection is insensitive to electromagnetic interference and is suitable for technically demanding environments.

Flexible installation with local image output: The HDMI loop-out on the transmitter enables parallel local display without affecting remote transmission.

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950

The InLine® DisplayPort Fibre Extender has been developed for the reliable transmission of high-resolution DisplayPort signals over long distances. Signal transmission takes place via fibre optic cable and enables stable connections even over several kilometres. This makes the system ideal for installations where a classic copper connection reaches its technical limits.

Thanks to DisplayPort 1.4a support, resolutions up to 3840 x 2160 at 60 Hz are transmitted with full colour resolution. Modern HDR formats and high colour depths are also supported. The image quality remains consistent and reliable over the entire transmission distance.

In addition, the extender transmits keyboard and mouse signals via USB. This allows remote computers or workstations to be fully operated without the need for additional KVM hardware. The integrated KVM function simplifies setup and reduces installation effort.

Transmission via fibre optic cable offers high interference immunity and is insensitive to electromagnetic influences. This makes the extender particularly suitable for use in technically demanding environments. The HDMI loop-out on the transmitter also allows simultaneous local image output, which provides additional flexibility during installation.

Technical features

Transmission medium: Fibre optic

Single-mode fibre optic: up to 10 km

Fibre optic connection: LC simplex

Includes 10G BiDi SFP+ modules for single-mode fibre optic transmission

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 1.4a

HDCP: Version 2.3

Maximum resolution: 3840 × 2160 @ 60 Hz (4:4:4)

Maximum data rate: HBR3 (8.1 Gbit/s per lane)

HDR support: HDR, HDR10, HDR10+, Dolby Vision, HLG

Colour depth: 8-bit, 10-bit or 12-bit

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950

Audio

Supported formats:

LPCM 2.0 / 5.1 / 7.1

Dolby Digital, Dolby Digital Plus, Dolby TrueHD

DTS, DTS-HD Master Audio

Power supply (external)

Input: AC 100–240 V / 50–60 Hz

Output: DC 5.0 V / 2.0 A

Output power: max. 10.0 W

Average operating efficiency (230 V / 50 Hz): 80.66%

Power consumption at zero load (230 V / 50 Hz): 0.08 W

Efficiency at low load (10%) (230 V / 50 Hz): 77.26%

Connections

Transmitter

1 x DisplayPort input

1 x HDMI loop-out for local image output

1 x LC fibre output

1 x USB-B connection (host)

1 x USB-C service connection

1 x DC 5 V power supply

Receiver

1 x LC fibre input

1 x DisplayPort output

1 x 3.5 mm audio output

2 x USB-A ports for keyboard and mouse

1 x USB-C service port

1 x DC 5 V power supply

Scope of delivery

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950

- 1 x DisplayPort fibre extender – transmitter
- 1 x DisplayPort fibre extender – receiver
- 2 x power supply (DC 5 V / 2 A)
- 1 x USB cable (USB-A to USB-B, approx. 1.5 m)
- 2 x 10G BiDi SFP+ modules for single-mode fibre optic transmission
- 4 x mounting brackets
- 8 x mounting screws
- 1 x user manual in German/English

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950