InLine 57886I KVM extender Transmitter

Model: 57886I

Manufacturer: INLINE

EAN: 4043718348824

Product Code: 1552253

R3,279

Central HDMI KVM-over-IP feed: The transmitter feeds HDMI, USB and IR signals into an IP-based KVM system and forms the basis for remote workstations with a centrally installed signal source.
4K @ 60 Hz with full colour resolution:HDMI 2.0b with up to 18 Gb/s bandwidth enables lossless transmission up to 4K @ 60 Hz with 4:4:4 colour sampling for the highest image quality.
Scalable multicast operation:A single transmitter can supply multiple receiver units simultaneously. Manual configuration or assignment of receivers is not required.
USB and IR signal integration: In addition to the HDMI signal, USB 2.0 data and bidirectional IR control signals are transmitted to enable full operation of remote systems.
Designed for professional permanent installations: Metal housing, mounting brackets and service connection for firmware and system functions support reliable use in demanding AV and IT environments.

The InLine® HDMI KVM Extender over IP Transmitter is the transmitting unit of an HDMI KVM-over-IP system and is operated exclusively in conjunction with the InLine® receiver unit, item 57886H. It is

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connected to an HDMI signal source and feeds the HDMI, USB and IR signal into an IP-based 1 Gigabit network.
The system supports a maximum resolution of up to 4K @ 60 Hz with 4:4:4 colour sampling and a video bandwidth of up to 18 Gb/s. Common HDR formats and current HDCP versions are supported. Operation can be as a direct point-to-point connection or via a suitable network switch with Gigabit support. Multiple receiver units output identical image, USB and IR signals without the need for manual assignment.
In addition to HDMI transmission, USB 2.0 signals for KVM operation and bidirectional IR control signals are also transmitted. Firmware updates and system functions are conveniently carried out via the integrated service connection.

Technical specifications – Video

HDMI standard: HDMI 2.0b
Maximum video bandwidth: 18 Gb/s
HDCP standard: HDCP 2.3 / 2.2 / 1.x
Maximum resolution: up to 4K @ 60 Hz (4:4:4)
Colour depth: 8 / 10 / 12 bits, at 4K @ 60 Hz (4:4:4) up to 8 bits
Colour spaces: RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
HDR formats: HDR10, HDR10+, Dolby Vision, HLG

Technical specifications – Audio

Supported audio formats via HDMI: LPCM 7.1CH, Dolby Digital 5.1, Dolby True HD, Dolby Atmos, DTS-HD Master, DTS:X

Technical specifications – USB

USB transfer: USB 2.0

Technical specifications – Network

Network bandwidth: 1000 Mb/s
Transfer distance: up to 100 m via CAT6 cable recommended

Technical specifications – IR

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IR frequency range: 20 kHz to 60 kHz (wideband)

IR transmission: bidirectional

Mechanical and environmental data

Housing material: metal

Colour: black

Operating temperature: 0 °C to +40 °C

Storage temperature: −20 °C to +60 °C

Permissible humidity (operation): 20–80%, non-condensing

Permissible humidity (storage): 10–90%, non-condensing

Power supply (external)

Input: AC 100–240 V / 50–60 Hz

Output: DC 12.0 V / 1.0 A

Output power: max. 12.0 W

Average efficiency during operation (230 V / 50 Hz): 83.13%

Power consumption at zero load (230 V / 50 Hz): 0.06 W

Efficiency at low load (10%) (230 V / 50 Hz): 76.80%

Scope of delivery

1 x HDMI KVM Extender over IP – Transmitter (main unit)

1 x IR transmitter cable (1.5 m)

1 x IR receiver cable (1.5 m)

1 x power supply (DC 12.0 V / 1.0 A, lockable)

2 x mounting brackets

4 x screws (M3 x 6)

1 x operating instructions (German / English)

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