DATASHEET











General data

This HDMI Extender allows you to transmit a HDTV signal over long distances using a Cat. 6 / 6A / 7 network cable. Thanks to the use of a network cable you can reach up to 40 m of transmission length with a video resolution of 1080p.
Due to the Extended Display Identification Data (EDID) function via the switch, you can adjust the signal to the correct resolution and frequency and get the optimal quality of the HDMI signal.
IDATA-EXT-E70POED can be used through the included power supply or you can leverage the PoE function to power the receiver.
The product also features infrared (IR) synchronization technology, supports 3D signal and is HDCP 1.2a.
Thanks to its versatility the product is ideal for a lot of applications, both for work and leisure, as well as public and commercial premises, studios, offices, conference rooms and also for home installation.

Features

- Allows you to easily extend the HDTV signal up to 40 m using a Cat. 6 / 6A / 7 network cable
- With EDID option for optimal signal / frequency adjustment and support for IR technology
- With the LENGTH-button for manual adjustment of the distance / signal ratio
- Supported resolutions: 480i @ 60Hz, 480p @ 60Hz, 576i @ 50Hz, 576p @ 50Hz, 720p @ 50 / 60Hz, 1080i @ 50 / 60Hz, 1080p @ 50 / 60Hz, 3D: 1080p @ 60Hz
- Max. supported video resolution: 1080p
- Supports PCM, AC3, DTS audio

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WE CARE FOR CONNECTION

- Conform to HDCP 1.2a
- Supports HDMI 1.4a and 3D
- IR remote control: 20-60 kHz
- Consumption: TX: <3W; RX: <3W
- Environmental temperature: 0 ℃ ~ 60 ℃
- Power supply via 5V / 2A power device, receiver also powered by PoE
- Colour: Black

Transmitter Connections
- 5V DC power input
- HDMI signal input
- HDMI output through IR signal output for connection with IR blaster extension cable
- Reset
- RJ45 signal output
- LED Signal indicator

Receiver Connections
- Reset
- RJ45 signal input
- LED indicator for connection status
- 5V DC power input
- HDMI signal output
- IR signal input
- LENGTH-button for manual adjustment of distance / signal ratio

Dimensions
- Width: 71.6 mm
- Depth: 66.9 mm
- Height: 22.6 mm

Certifications
- CE
- FCC
- RoHS
- WEEE

Package Contents
- 1x Transmitter from HDMI to LAN
- 1x Receiver from LAN to HDMI
- 1x DC 5V 2A power supply
- 1x Extension for IR blaster
- 1x Extender for IR Receiver
- 1x User’s Manual

Tekniske egenskaber

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Available variants

ArtNr.	Bezeichnung	Number of camera inputs	Number of monitor outputs
IDATA-EXT-E70POED		1	2

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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