DATASHEET

HDMI Extender with IR over RJ45, up to 60m















General data

This HDMI Extender allows the transmission of HDTV signals over long distances using a network cable Cat. 5e / 6 / 6A / 7.
By using a network cable in copper of high quality you can reach up to 60 m in length transmission with a video resolution of 1080p.
Thanks to automatic adjustment it is possible to adjust the settings according to the different cable length from 1 to 60m to get the best possible view.
This model is equipped with IR synchronization technology.

Characteristics

• Allows you to easily extend the HDTV signal up to 60 m using a network cable Cat. 6 / 6A / 7 of copper
• With automatic adjustment based on the type of network cable used and IR
• Supported resolutions: 480i / 60Hz, 480p / 60Hz, 576i / 50Hz, 576p / 50Hz , 720p / 50/60Hz, 1080i / 50/60Hz, 1080p / 50/60Hz
• Maximum supported video resolution: 1080p

This datasheet was created automatically on 08-11-2026 . Technical changes reserved.

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- Bandwidth supported: 10.2 Gbps
- Supports Deep Color 8 bit
- Supports PCM stereo audio
- HDCP 1.3 compliant
- Supports 3D
- IR remote control: supports 20-60 kHz
- Consumption: Transmitter: <2W; Receiver: <2W

Transmitter Connections
- Power Input DC 5V
- Signal Input HDMI
- IR signal output for connection with extension cable IR
- Reset button
- Output Signal RJ45
- LED indicator HDMI signal

Receiver Connections
- Reset button
- Signal input RJ45
- LED indicator for connection status
- Power Input DC 5V
- HDMI signal output
- Signal input IR

Dimensions
- Width: 71.6 mm
- Depth: 66.6 mm
- Height: 24.8 mm

Certifications
- FCC
- RoHS
- WEEE

Package Contents
- 1x Transmitter HDMI to LAN
- 1x Receiver LAN to HDMI
- 2x Power DC5V1A
- 1x extension IR
- 1x extension IR receiver
- 1x User Manual

Technical properties	
Max. resolution	1080@60Hz
Suitable for 19 inch mounting	False

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Video Inputs	1xHDMI, 1xRJ45
Video interface	1xHDMI, 1xRJ45
Video norm	Colour PAL

Available variants

ArtNr.	Bezeichnung	Number of camera inputs	Number of monitor outputs
IDATA-EXT-E70I	HDMI Extender with IR over RJ45, up to 60m	1	1

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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