DATASHEET

HDMI Extender Cat.5e/6 120m





General data

- Allows you to easily extend the HDMI signal using Cat. 5e / 6 cables to extend transmission distances
- Real Time transmission makes the reproduction in real time unique without delay and compression that degrade the viewing experience
- Allows long distance transmission distances of 120 meters using a single network cable for real-time video transmission
- Compatible with Cat.5e / 6 cables it allows to easily manage different types of wiring according to the installation needs
- Supports video bandwidth up to 10.2Gbps
- Compliance with the HDCP standard ensures protection in the transmission of high-definition content and ensures quality reception
- Simple to install, no configuration is required
- Suitable for videoconferencing systems, training areas, monitoring applications and multimedia and entertainment applications

Features
- Plug and play, no installation required
- Uncompressed signal and zero latency
- Supports full HD 1080p @ 60Hz resolution
- Transmission distance up to 120m via Cat.6 cable, 100m via Cat.5e cable, 80m via Cat5 cable; with self-adjustment depending on the length of the cable used
- Supports IR pass-back allowing you to easily manage the source device remotely from the receiver's position

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- Kit consisting of transmitter and receiver, works in pairs

Specifications
- HDMI compliance: HDMI1.3
- HDCP compliance: HDCP1.4
- HDMI resolution: 720x576 @ 50Hz, 720x480 @ 60Hz, 1280x720 @ 60Hz, 1920x1080 @ 60Hz, 640x480 @ 60Hz, 800x600 @ 60Hz, 1024x768 @ 60Hz, 1280x800 @ 60Hz, 1280x1024 @ 60Hz, 1440x900 @ 60Hz, 1680x1050 @ 60Hz
- Supported audio format: stereo L / R audio
- Transfer rate: 10.2Gbps
- TMDS signal input and output: 0.5 ~ 1.5Vp-p (TMDS)
- DDC signal input and output: 5Vp-p (TTL)
- Input cable length: ≤8m (AWG24)
- Output cable length: ≤8m (AWG24)
- Distance supported: CAT5 80m; CAT5E 100m; CAT6 120m
- Voltage / current: DC5V / 1A
- Consumption: TX: 2W; RX: <2W
- Operating temperature: 0 ~ 60 ℃
- Storage temperature: -10 ~ 70 ℃
- Humidity (without condensation): 0 ~ 90%
- Dimensions (WxDxH): 69.57 x 58.80 x 16.10 mm
- Material: aluminum alloy
- Black colour
- Weight: TX: 70g; RX: 70g

- CertificationEC, RoHS, WEEE

Package Contents
- 1x Transmitter (TX)
- 1x Receiver (RX)
- 2x DC 5V 1A power supply
- 1x IR Blaster extension
- 1x IR receiver extension
- 1x Instruction manual

Technical properties	
Max. resolution	1080@60Hz
Suitable for 19 inch mounting	False
Video Inputs	1xHDMI, 1xRJ45
Video interface	1xHDMI, 1xRJ45
Video norm	Colour PAL

Available variants

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ArtNr.	Bezeichnung	Number of camera inputs	Number of monitor outputs
IDATA-EXT-E71	HDMI Extender Cat.5e/6 120m	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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