DATASHEET

HDMI Extender 4K 60Hz over RJ45 up to 70m









General data

This HDMI Extender allows you to transmit the HDMI signal over long distances using a Cat. 5E / 6 / 6A / 7 network cable.
Thanks to the use of network cable, it is possible to reach up to 70m of transmission length with 4K video resolution. Includes transmitter and receiver; supports bidirectional IR passback with 20-60KHz frequency. The receiver can be powered by the transmitter (with transmitter connected to the power supply).

Technical specifications
• Zero latency, without loss of compression
• The HDMI signal can be transmitted up to 70m over Cat.6 / 6A / 7 cable; up to 40m on Cat.5E cable
• Supports up to 10 receivers in cascade
• Entrances:
- TX: HDMIx1; DC2.1x1; 3.5mm F x1 (IR)
- RX: DC2.1x1; RJ45x1; 3.5mm F x1 (IR)
• Outings:
- TX: HDMIx1; RJ45x1; 3.5mm F x1 (IR)
- RX: HDMIx1; RJ45x1; Otticox1; 3.5mm F x1 (IR)
• HDMI source control: controllable via IR passback from RX to TX
• The receiver supports S / PDIF output
• Supports Dolby Audio (Dolby Digital Plus; Dolby True-HD; Dolby Digital; Dolby atmos)
• Supports HDR (YUV4: 4: 4), maximum transmission speed 18Gbps

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• The transmitter supports an HDMI loop-out
• Supports bidirectional IR passback function (20-60KHz)
• The receiver can be powered by the transmitter via a network cable (only on the first receiver)
• Lightning, overvoltage and antistatic protection
• Metal housing, stable and durable
• Supports HDMI 2.0
• Supports HDCP 2.2
• Video resolutions: 480i @ 60Hz, 480p @ 60Hz, 576i @ 50Hz, 576p @ 50Hz, 720p @ 50 / 60Hz, 1080i @ 50 / 60Hz, 1080p @ 50 / 60Hz, 4K × 2K @ 24/25/30 / 60Hz

Size
• Width: 106.36 mm
• Depth: 98.73 mm
• Height: 26.19 mm

Environmental characteristics
• Operating temperature: 0 ~ 50 ℃
• Storage temperature: -10 ～ 70 ℃
• Relative humidity: 0 ～ 90% (without condensation)

Package contents
• 1x Transmitter
• 1x Receiver
• 1x 5V / 2A power supply
• 1x Blaster extension
• 1x Receiver extension cable
• 1x User manual

Technical properties	
Max. resolution	4Kx2K@60Hz
Suitable for 19 inch mounting	False
Video Inputs	HDMI
Video interface	HDMI
Video norm	Colour PAL

Available variants

ArtNr.	Bezeichnung	Number of camera inputs	Number of monitor outputs
IDATA-EXT-676	HDMI Extender 4K 60Hz over RJ45 up to 70m	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

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regulatory requirements.

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