

DATASHEET

Additional Receiver for IDATA-EXT-676



General data

Additional receiver for HDMI extender IDATA-EXT-676.

It 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. 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
- Input: DC2.1x1; RJ45x1; 3.5mm F x1 (IR)
- Output: 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
- 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 x 2K @ 24/25/30 / 60Hz

Size

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- Width: 106.36 mm
- Depth: 98.73 mm
- Height: 26.19 mm

Environmental characteristics

- Operating temperature: 0 ~ 50 °C
- Storage temperature: -10 □ 70 °C
- Relative humidity: 0 □ 90% (without condensation)

Package contents

- 1x Receiver
- 1x 5V / 2A power supply
- 1x User manual

Technical properties

Automatic sequence	False
Max. resolution	3840x2160
Suitable for 19 inch mounting	False
Video interface	HDMI
Video norm	Colour PAL
With loop through function	False

Available variants

ArtNr.	Bezeichnung	Number of alarm inputs	Number of camera inputs	Number of monitor outputs
IDATA-EXT-676R	Additional Receiver for IDATA-EXT-676	0	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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