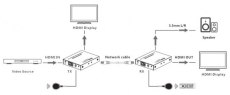
DATASHEET

HDMI Extender over Cat.6/6A/7, max. 70m, 4K 60Hz













General data

Point-to-point HDMI extender that allows to obtain a signal transmission without latency.
The 4K @ 60Hz HDMI signal can be extended using a Cat.6 / 6A / 7 network cable. It is equipped with an HDMI port on the local unit, supports IR passthrough, audio output on 3.5mm connection.
It is a reliable and high resolution video transmission solution, ideal for outdoor advertising, video clips, monitoring system, home entertainment, conferences, etc.

Features
Transmission with zero latency
Extends the 4K @ 60Hz signal up to 70 meters through Cat. 6 / 6A / 7 network cable
The receiver supports stereo output on 3.5mm connection
Supports HDR10
Supports EDID Passthrough and audio downscaling
The transmitter supports local HDMI output

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Supports IR Passthrough
Lightning protection, surge protection and antistatic protection

Technical specifications
Inputs: T 1xHDMI type A female; R 1xRJ45 female
Outputs: T 1xHDMI type A female; 1xRJ45 female; R 1xHDMI type A female
Maximum data transfer 18Gbps
Maximum transmission bandwidth 600MHz
Pass-through EDID
HDMI 2.0 compatible
HDCP 2.2 compatible
Maximum video resolution 4K @ 60Hz
Maximum transmission distance 70 meters
Audio formats: LPCM / DTS-HD / DTS-Audio / Dolby Digital 5.1CH / Dolby Atmos
3.5mm IR interface
Reception range less than 5m
Infrared frequency: 20KHz-60KHz
Environmental characteristics
Operating temperature: -20 / 60 ° C
Storage temperature: -30 / 70 ° C
Humidity 0 - 90% RH (non-condensing)

Package Contents
1x Transmitter
1x Receiver
2x DC5V / 1A power supply
1x IR blaster extension cable
1x IR receiver extension
4x Mounting Bracket; 10 screws
User Manual

Technical properties	
Max. resolution	4K@60Hz
Suitable for 19 inch mounting	False
Video Inputs	1xRJ45, 1xHDMI, 1xIR
Video interface	1xHDMI, 1xRJ45
Video norm	Colour PAL

Available variants

ArtNr.	Bezeichnung	Number of camera inputs	Number of monitor outputs
IDATA-EXT-565	HDMI Extender over Cat.6/6A/7, max. 70m, 4K 60Hz	1	1

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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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