

DATASHEET

HDBiT Extender Sender/Receiver over IP, with IR, 120m



General data

The HDMI extender HDBiT offers all the benefits of the latest transmission technology - HDBiT, allowing you to extend the HDMI audio / video signal with a resolution of 1080p 60Hz up to 120m using a single network cable. It supports IR signal transmission, to control media playback of the source device from the position where the display is located.

Technical specifications

- Transmitter Kit and IR receiver with HDMI HDBiT
- Transmission protocol: HDBiT
- Supported resolutions: 480i / 60Hz, 480p / 60Hz, 576i / 50Hz, 576p / 50Hz, 720p / 50/60Hz, 1080i / 50/60Hz, 1080p / 50/60Hz
- Network cable: UTP / STP Cat. 5e / 6
- Transmission distance up to 120m, transmission distance for 1080p 60Hz Full HD on a single Cat. 6 cable
- IR Signal: Supports IR devices 20-60KHz

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- Operating Temperature: 0°C - 60°C
- Power supply DC5V / 1A
- TX consumption: 3.5W;
- RX consumption: 3W

Installation Requirements

- HDMI source device (computer graphics card, DVD, PS3, HD monitoring equipment, etc.)
- HDMI screens as SDTV, projector with HDMI port.
- Network cables: Network cables UTP / STP Cat. 5e / 6 that meet the standard EIA568B
- Transmission length: 80m Cat. 5 / Cat. 5e, 100m / Cat. 6, 120m

Connections

- Point-to-point connection: up to 120 meters transmission distance through single Cat. 6 cable (with a high quality cable can reach up to 150 meters)
- Connection with Router: Using a router / repeater, you can reach unlimited extensions.
- Point-to-Multipoint Connection: Using a router / switch, a transmitter to multiple receivers, you can accomplish the extender and splitter function.

Note: We recommend the use of a gigabit switch (1000Mbps) for the LAN transmission.

Dimensions

- Width: 96.8 mm
- Depth: 94 mm
- Height: 23.7 mm

Certifications

- EC
- FCC
- RoHS
- WEEE

Package Contents

- 1x HDMI EXTENDER Transmitter TX
- 1x HDMI EXTENDER Receiver RX
- 2x Power Supply DC5V / 1A
- 1x extension cable IR Blaster
- 1x IR receiver extension cable
- 1x Instruction Manual

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

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Available variants

ArtNr.	Bezeichnung	Number of monitor outputs	
IDATA-EXTIP-383RV4	HDBiT HDMI additional receiver	1	
IDATA-EXTIP-383V4	HDBiT Extender Sender/Receiver over IP, with IR, 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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