DATASHEET

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















General data

The HDMI extender HDbitT offers all the benefits of the latest transmission technology - HDbitT, 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 HDbitT
• Transmission protocol: HDbitT
• 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

This datasheet was created automatically on 25-11-2026 . Technical changes reserved.

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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	HDBitT HDMI additional receiver	1	
IDATA-EXTIP-383V4	HDBitT 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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