

Name: **HDMI HDbiT Extender with IR 3D over Cat.6 cable to 120m**

Manufacturer: **Techly**



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 location 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 Cat5E / 6
- Transmission distance up to 120m transmission distance for 1080p 60Hz Full HD on a single CAT6 cable
- IR Signal: Supports IR devices 20-60KHz
- Operating Temperature: 0°C - 60°C
- Power supply DC5V / 1A
- TX consumption: 3.5W; RX: 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 Cat5e / 6, that meet the standards EIA568B
- Transmission length: 80m CAT5 / CAT5E100m / CAT6 120m

### **Connection**

- Point-to-point connection: up to 120 meters transmission distance through single CAT6 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 Transmitter EXTENDER TX
- 1x HDMI EXTENDER RX Receiver
- 2x Power Supply DC5V / 1A
- 1x extension cable IR Blaster
- 1x IR receiver extension cable
- 1x Instruction Manual

