



Name: **Extender HDMI HDbiT Powerline Splitter 1x4 Full HD 1080p**
with IR
Manufacturer: **Techly**

The HDMI extender kit is designed as a transmitter (HDMI Transmitter) and receiver (HDMI Receiver) 1080p Full HD up to 300 meters away.

It allows you to connect two displays with HDMI output (one local and one remote), which ensures perfect signal transmission in different locations over long distances.

The video signal is transmitted by connecting the transmitter to HDMI video source. It is connected to the monitor displayed a receiving unit (HDMI receiver). The data is transmitted through the connection to the existing power grid, simply by connecting the transmitter and receiver, which will match automatically. In this way there is no need to connect an external power supply, because the extender will take power directly from the mains.

DATA EXTPL-380P is supported HDbiT to transmit the HDMI signal and distribute it on remote router or network switch for daisy chaining: in this way ensures that the use is as a splitter as extender. HDbiT is a transmission protocol high-definition audio video performance much more stable that allows an image noticeably sharper and cover a greater distance.

It supports Plug and Play, requires no driver installation. In addition, automatically adjusts the specifications for different cable lengths (1-300m) to achieve the best possible video viewing without requiring any configuration.

The HDMI extender is able to support not only the HDMI signal transmission, but also supports IR transmitter with which people can easily control the affected devices from long

range. Supports IR devices standard 20 / 60KHz.

Characteristics

- Send the HDMI signal through the existing electrical wiring in your home or office
- Easy to install, thanks to auto pairing simply connect both TX and RX to two electrical outlets and use the matchmaking function
- High Definition Full HD 1080p
- Data transfer powerline up to 300 meters in the same network
- It supports the innovative IR 360 °, allowing users to remotely control the HDMI source side HDTV
- Infrared Extender
- Supports HDbiT
- Supports resolutions up to 1920x1080 @ 60i / 50i / 23.98p / 24p
- Transmission distance up to 300 meters for normal applications
- One transmitter can work with multiple receivers simultaneously
- Supports remote control from the source
- Incorporates technology Home Plug AV controller with 200 Mbps PHY
- Supports optimal QoS for streaming video
- 40 levels of security protection from electricity

Technical specifications

- HDMI signal fully compatible with HDCP
- Transmission Protocol HDbiT
- Resolution: 480i 60Hz, 60Hz 480p, 576i 50Hz, 50Hz 576p, 720P 50HZ, 720P 60HZ, 1080i 50Hz, 1080i 60HZ, 1080P 50HZ, 1080P 60HZ
- Transmission distance: up to 300 meters at 1080p @ 60Hz with a proper electric power plant
- Infrared remote control: supports 20 ~ 60KHZ
- Input voltage: 100 / 240V AC
- Power consumption TX: 7.5W, RX: 7W
- Housing material: plastic non-combustible
- Safety against electrical damage: coupling circuit with fuse and ESD protection, tested for 24 days, 7 hours of work a day

Dimensions

- Width 150 mm
- Height 25 mm
- Depth 92.7 mm

Package Contents

- 1x Transmitter extender
- 1x Receiver extender
- 2x power cable 100 / 240V AC
- 1x IR transmitter
- 1x IR Receiver
- 1x User Manual

