Name: **Amplifier Extender HDBaseT 4K up to 100 m**
Manufacturer: **Techly**

The extender IDATA EXT-E90 is powered by HDBaseT and allows you to extend the HDMI signal 4Kx2K on screens up to 100 meters with single cable Cat. 6A / 7.

Characteristics
• Supports extension technology HDBaseT
• Supports Full HD1080P @ 60Hz, 3D, 4Kx2K
• Extends 1080P signal up to 100 meters of cable Cat.6A
• Supports HDMI uncompressed
• Supports uncompressed audio such as LPCM
• Supports compressed audio such as Dolby Digital and DTS Digital
• Supports HDCP, CEC, 24 deep color
• It can be powered via the network cable

Technical specifications
• HDMI signal: 4Kx2K, HDCP, CEC support and 24-bit deep color
• Resolution: 480i / 480P / 576i / 576P / 720P / 1080i / 1080P / 3D / 4Kx2K
• Audio: LPCM, DTS Digital, Dolby Digital
• Network cables: CAT5E, CAT6, CAT6A, CAT7
• Transmission distance:
- CAT5E / 6: 100m up to 1080P @ 60Hz 36bpp; 70m 1080p @ 60Hz 48bpp, 1080p @ 60Hz 3D, 4Kx2K 30Hz

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- CAT6A / 7: 100m 1080p @ 60Hz 48bpp, 1080p @ 60Hz 3D, 4Kx2K 30Hz
- Infrared sensor: supports 20 ~ 60 kHz frequency transmission bidirectional IR
- Receiver with PoE support
- Power supply: 1x DC12V / 3A
- Power consumption: 8W
- Housing: metal
- Black Colour

Connections
- Transmitter:
- Input: HDMI Female to connect the HDMI source
- Output: RJ-45 female HDBaseT
- IR input, for connecting the IR receiver with extension cable
- IR output, for connection with the extensor IR extension cable
- 12V DC power connector
- Receiver:
- Input: RJ-45 female HDBaseT
- Output: HDMI female, for connection of the HDMI display
- IR input, for connecting the IR receiver with extension cable
- IR output, for connection with the extensor IR extension cable
- 12V DC power connector

Dimensions
- Width: 98.5 mm
- Height: 23 mm
- Depth: 66.5 mm
- Transmitter weight: 79 g
- Handset weight: 107 g

Certifications
- EC
- RoHS
- WEEE

Package Contents
- 1x Transmitter HDBaseT
- 1x Repeater HDBaseT
- 1x Power supply DC12V / 3A

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- Cables IR in and out
- 1x User Manual