

PURELINK PureTools - HDBaseT 2.0 Extender Set, 4K (100m) incl. HDCP2.2, PoC, RS232

PT-HDBT-1002
EAN 4251364715277



Compliant with HDMI 2.0 & HDCP 2.2, the PT-HDBT-1002 is a 4K HDMI over HDBaseT Extender set, developed with the latest HDBaseT™ 2.0 technology to extend uncompressed HDMI video incl. audio, USB 2.0, control signals and PoC over a single CAT5e/6 cable. The unidirectional and PoC compliant extender set only requires one power supply, because the receiver side can be powered via PoH to save installation time and reduce costs. Perfectly designed for smart displays and KVM solutions, for digital signage and other demanding AV markets. Connections Input connector(s) Tx: 1x HDMI, 1x microUSB (FW), 1x RS232 | Rx: 1x HDBaseT, 1x microUSB (FW), 3x USB-A, 1x RS232 Output connector(s) Tx: 1x HDBaseT, 1x USB-B | Rx: 1x HDMI Power connector(s) DC 12V2A o. PoC / PoH Control connector(s) USB, RS232 Electric signal Maximum pixel clock / bandwidth 340 MHz HDCP Yes CEC Yes EDID Yes Cable Length max. 100m via Cat.5e/6A Mechanical Power supply max. 18W Power consumption 12V2A DC Operating temperature -10°C - 55°C Humidity 10% - 90% Enclosure Steel

Dimensions 116x22x95mm each Signal transmission Supported standards HDMI 2.0, HDBaseT 2.0, HDCP 2.2 Transmission modes HDBaseT 2.0 (Class C) incl. USB 2.0 Supported audio standards PCM, Dolby Digital, DTS, DTS-HD, etc. Maximum resolution 4K / UltraHD / 2160p @60Hz Others Safety CE, FCC Colour black

- Compatible with HDMI2.0 and backwards compatible with all previous HDMI standards (e.g. HDMI 1.4), delivering high-resolution AV signals up to 4K / UltraHD / 2160p @60Hz
- Supports the HDBaseT 2.0 standard for transmission of 4K signals over up to 100m over a single category (5e/6 or higher) cable
- EDID "Pass-Thru" function and full compliance with HDCP2.2 / 1.4
- Front panel status LEDs for power, link & HDCP status
- USB & RS232 control as well as unidirectional PoE / PoC / PoH (Power over HDBaseT)
- KVM: no
- PoE (Power over Ethernet): no

| Logistics | | | | | | |
|------------------------------|--------------|-------------|------------|------------|-------------|------|
| | Number (pcs) | Weight (kg) | Depth (cm) | Width (cm) | Height (cm) | cm³ |
| Packaging Unit Carton | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Packaging Unit Inside | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Packaging Unit Single | 1 | 0.85 | 0.00 | 0.00 | 0.00 | 0.00 |
| Net single without Packaging | 0 | 0.85 | 0.00 | 0.00 | 0.00 | 0.00 |