kordz

Connectivity.Assured

PLX

Technical Data Sheet

PLX Series

PLX-HDB.3 18Gbps HDBaseT Extender

Extend HDMI and control over CATx cable; simply, reliably and with a single power source

The PLX-HDB.3 is an ultra-thin HDMI 2.0 Extender consisting of a transmitter and a receiver. It has the ability to extend 1080p/4K HDMI signals over CAT6/CAT6a cable up to 70m(1080p) and 40m(4K60 4:4:4), power (PoC), and enables IR and RS232 pass-through to control source or display devices remotely. It adopts a visually lossless video compression technology (VLC) to provide HD lossless transmission of HDR and 4K 2160p/60 4:4:4 over CAT6/CAT6a cable. Mounting brackets are included. IR and RS-232 cables are available separately.

- Tx and Rx are just 16mm thin with all connectors on one side
- Ideal for mounting in tight spaces
- Supports CATx UTP/FTP/STP cable
- Supports HDMI 4K60UHD 4:4:4 (18Gbps) to 40m
- Supports HDMI 1080p/60 to 70m
- Supports HDMI 2.0 4K60UHD 8-bit Color Depth
- Supports HDMI 1.4
- HDCP 2.2 compatible
- HDBaseT
- HDBaseT Lite VS010 architecture
- HDMI 2.0 Adopter Company
- HDBaseT Adopter Member

Note: ARC (Audio Return Channel) is not supported

Applications

- Long length AV connectivity up to 40m 4K60UHD / 70m 1080p
- Commercial and residential applications
- UHD video and professional graphics

Technical Specifications

- Power Consumption - 14W(max)
- Operating Temperature - 0~+40ºC
- Storage Temperature - -10~+50ºC
- Relative Humidity - 0%~90%
- External Power Supply - Input: 100VAC~240VAC, 50/60Hz | Output: 24VDC2.5A
- Dimensions - 115mm x 16mm x 84mm
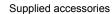- Net Weight (g) - Transmitter: 150g | Receiver: 153g

Supplied accessories

4K 60Hz 4:4:4

→ UP TO 40M 4K 60Hz 4:4:4

18 Gbps

HDMI 2.0

HDBT

HDR

HDCP 2.2

HEAC

PoC

2 YEAR WARRANTY

NEW: RX and TX now available seperately (PSU and brackets included.)

Part number	Description
PLX-HDB.3	4K60UHD 18Gbps 4:4:4 HDBaseT extender - HDMI+IR+RS232, PoC, Tx & Rx Kit
PLX-HDB.3R	4K60UHD 18Gbps 4:4:4 HDBaseT extender - HDMI+IR+RS232, PoC, Rx Only
PLX-HDB.3T	4K60UHD 18Gbps 4:4:4 HDBaseT extender - HDMI+IR+RS232, PoC, Tx Only

Optional Accessories

Part number	Description
IR-EM1	IR Single Emitter with 3.5mm plug
IR-TB2	IR Target 1.8m for PLX-HDB.3 - Black
PLX-RS232F	3.5mm-DB9 RS-232 female cable
PLX-RS232M	3.5mm-DB9 RS-232 male cable

Pb lead-free

RoHS

HDBT™ Adopter Member

HDMI® Adopter Member

CEDIA™ MEMBER

AVIXA Member

kordz.com