



HDBaseT 3.0 Extender Series

HDMI™ / USB-C / 4K60 4:4:4 / HDCP 2.3 / EDID /
Downscaling / Audio de-embedding

Transmitter

HDP-EHB70CU3K

HDP-EHB70U3K

HDP-EHB100U3K

HDP-EHB100V3K

HDP-EHB70HCU3K

HDP-EHB100HCU3K

Receiver

HDP-EHB70CU3K

HDP-EHB70U3K

HDP-EHB100U3K

HDP-EHB100V3K

HDP-EHB70HCU3K

HDP-EHB100HCU3K

HDBaseT 3.0

4K60

HDCP 2.3

Audio De-embedding

230ft/70m
328ft/100m

USB-C 60W

USB 2.0

EDID Management

7.1 CH

PoC

HDR

Video Scaler

Product Features

- HDBaseT 3.0 VS300/VS3000 chipset based design
- Fully uncompressed A/V with near zero latency
- HDCP 2.3 compliant
- Video resolution up to 4K2K@60Hz 4:4:4
- HDR, HDR10, HDR10+, Dolby Vision pass through
- LPCM 7.1CH, Dolby TrueHD and DTS-HD Master Audio pass through
- Up to 70/100 meters using CAT 6A/7 cable
- USB-C and HDMI™ inputs support auto or manual switching mode
- USB-C with DP-ALT mode for A/V, USB 2.0 data and up to 60 watts charging
- 4K to 1080p downscaling features on HDMI output, no frame rate conversion
- EDID management
- Audio embedding and de-embedding
- USB 2.0 high speed, Bidirectional IR and RS-232 transmission
- Two-way 24V PoC (Power over Cable)

Comparison Table

HDBaseT Extender	HDP-EHB70CU3K	HDP-EHB70U3K	HDP-EHB100U3K	HDP-EHB100V3K	HDP-EHB70HCU3K	HDP-EHB100HCU3K
Description	HDMI™ 4K60 HDBaseT 3.0 Extender 70m(USB-C In/HDMI Out)	HDMI™ 4K60 HDBaseT 3.0 Extender 70m with USB	HDMI™ 4K60 HDBaseT 3.0 Extender 100m with USB	HDMI™ 4K60 HDBaseT 3.0 Extender 100m with USB/eARC/ Ethernet	HDMI™ 4K60 HDBaseT 3.0 Extender 70m with USB-C/HDMI Dual Inputs	HDMI™ 4K60 HDBaseT 3.0 Extender 100m with USB-C/ HDMI Dual Inputs
Video Port	Input: USB-C Output: HDMI	Input: HDMI Output: HDMI	Input: HDMI Output: HDMI	Input: HDMI Output: HDMI	Input: HDMI, USB-C Output: HDMI	Input: HDMI, USB-C Output: HDMI
HDBaseT	3.0 (Uncompressed)					
HDCP Compliance	2.3					
USB Compliance	2.0					
Video Bandwidth	18Gbps					
Video Resolution	Up to 4K@60Hz 4:4:4					
HDR	HDR, HDR10, HDR10+, Vision, HLG					
Transmission Medium	CAT6a/7					
Transmission Distance	4K60: 131ft/40m 4K30: 230ft/70m 1080P: 230ft/70m	4K60: 131ft/40m 4K30: 230ft/70m 1080P: 230ft/70m	4K60: 328ft/100m 4K30: 328ft/100m 1080P: 492ft/150m	4K60: 328ft/100m 4K30: 328ft/100m 1080P: 328ft/100m	4K60: 131ft/40m 4K30: 230ft/70m 1080P: 230ft/70m	4K60: 328ft/100m 4K30: 328ft/100m 1080P: 492ft/150m
Audio De-embedding	/	√	√	√	√	√
Bidirectional IR	/	√	√	√	√	√
PoC	√					
RS-232	√					

Connection Diagram

