

HDBaseT 3.0 Extender Series

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

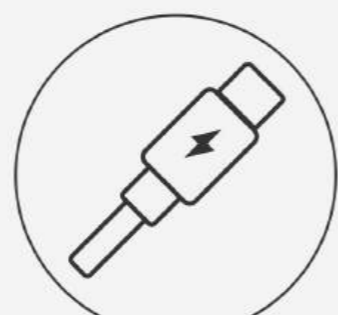
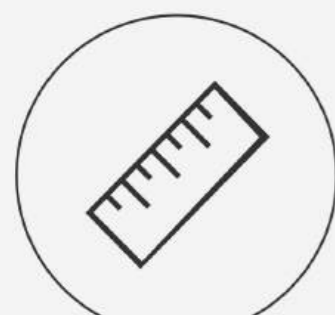


HDBaseT 3.0

4K60

HDCP 2.3

Audio De-embedding

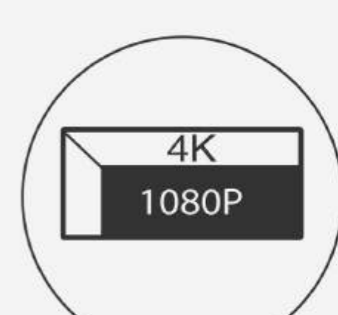
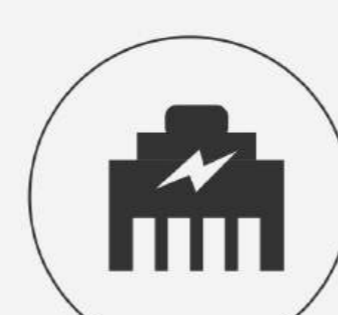


230ft/70m
328ft/100m

USB-C 60W

USB 2.0

EDID Management



7.1 CH

PoC

HDR

Video Scaler

Cechy produktu

- Konstrukcja oparta na chipsecie HDBaseT 3.0 VS300/VS3000
- Całkowicie nieskompresowany plik A/V z niemal zerowym opóźnieniem
- Zgodny z HDCP 2.3
- Rozdzielczość wideo do 4K2K@60Hz 4:4:4
- Pass through HDR, HDR10, HDR10+, Dolby Vision
- Pass through sygnału LPCM 7.1CH, Dolby TrueHD i DTS-HD Master Audio
- Do 70/100 metrów przy użyciu kabla CAT 6A/7
- Wejścia USB-C i HDMI™ obsługują tryb automatycznego lub ręcznego przełączania
- USB-C z trybem DP-ALT do obsługi A/V, danych USB 2.0 i ładowania do 60 W
- Funkcje zmniejszania rozdzielczości z 4K do 1080p na wyjściu HDMI
- Zarządzanie EDID
- Embedding i de-embedding dźwięku
- USB 2.0 high speed, dwukierunkowa transmisja IR i RS-232
- Dwukierunkowy 24V POC (zasilanie przez kabel)

Tabela porównawcza

| 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 | ✓ | | | | | |

Schemat połączeń

