

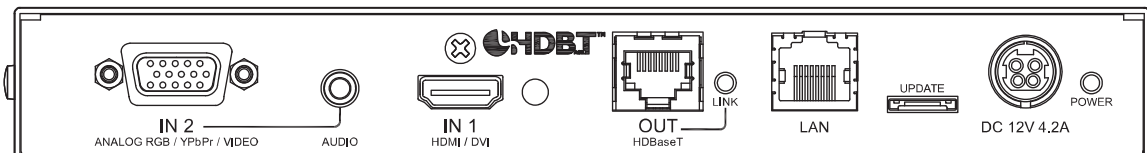
HDC-TH200

HDMI Twisted Pair Cable Extender

The IDK HDC-TH200 is an extender for long-distance transmission of HDMI/DVI or analog (video and audio) input signals over a twisted pair cable.

The HDMI/DVI signals are transmitted without compression so that the image quality can be kept.

FRONT & REAR PANEL



FEATURES

- Video:**
- Up to QWXGA (RB)* or 1080p *(RB) = Reduced Blanking
 - HDCP
 - 3D Y/C separation for NTSC and PAL signals
 - Digital cable EQ
- INPUT: up to 33 ft. to 98.43 ft. approx. (10 m to 30 m)
- Up to 328.08 ft. approx. (100 m) over a Cat6 cable

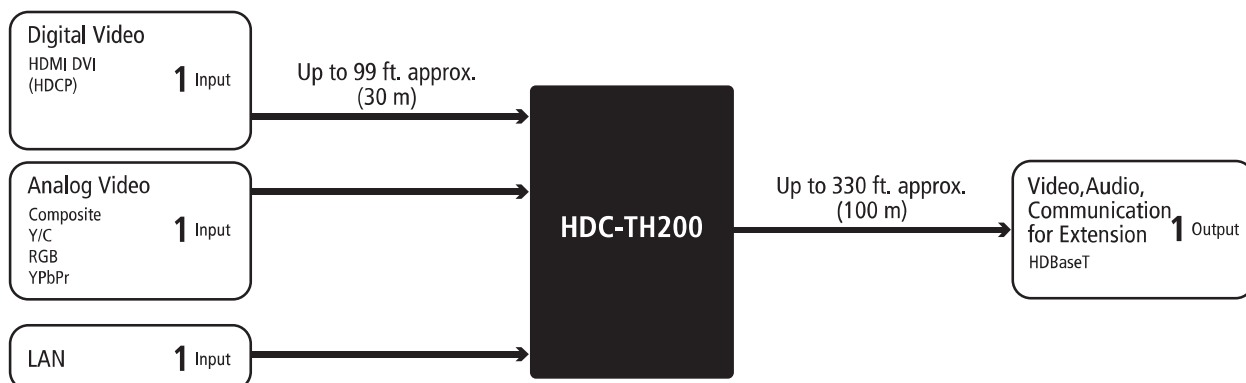
- Audio:**
- Embedding analog audio into digital signals

Control

- Communication:**
- LAN transmission

- Others:**
- EDID emulation
 - Automatic input switching
 - Last memory
 - Anti-snow
 - Connection Reset
 - Keylock
 - Lock mechanism for AC adapter

CONNECTION DIAGRAM



SPECIFICATIONS

| | | | | |
|-------------------------|-------------------|-----------------|---|---|
| Input | Video | Digital | Number / Signal | 1 input / HDMI Deep Color, DVI1.0 HDCP 1.4 CEC (Pass through) TMDS clock: 25 MHz to 225 MHz Dot clock: 25 MHz to 165 MHz |
| | | | Connector | 1 female HDMI Type A |
| | | | Others | Built-in cable EQ, EDID emulation |
| | | Analog | Number / Signal | 1 input / Composite video, S-Video, Analog RGB/Analog YPbPr (auto-recognition) Composite video (VBS Signal): 1.0 V [p-p]/75 Ω Y/C Signal: 1.0 V [p-p] (Y) /0.286 V [p-p] (C) /75 Ω Analog RGB: 0.7 V [p-p] (1.0 V [p-p] Sync on Green) /75 Ω HS/VS TTL level, CS TTL level, Sync on Green Analog YPbPr: 1.0 V [p-p] (Y) /0.7 V [p-p] (Pb/Pr) /75 Ω |
| | | | Connector | 1 female 15-pin HD |
| | | | Others | EDID emulation |
| | Audio | Digital | Number / Signal | 1 input / Multi-channel linear PCM up to 8 channels |
| | | | Connector | 1 female HDMI Type A |
| | | Analog | Number / Signal | 1 input / Stereo L/R unbalanced signal Input impedance: 24 kΩ Reference level: -10 dBu Max. input level: +10 dBu |
| | | | Connector | 1 Stereo mini jack 3,5 mm |
| Output | Video | Number / Signal | 1 output / HDBaseT Cable: Cat5e/Cat6 (STP/UTP straight cable) | |
| | | Connector | 1 RJ-45 | |
| | Audio | Number / Signal | 1 output / Multi-channel linear PCM up to 8 channels Sampling frequency: 32 kHz to 192 kHz Sample size: 16 bit to 24 bit Reference level: -20 dBFS Max. output level: 0 dBFS | |
| | | Connector | 1 RJ-45 | |
| Max. extension distance | Input | HDMI/DVI | 32.8 ft. to 99 ft. approx. (10 m to 30 m) | |
| | Output | HDBaseT | Max. 330 ft. approx. (100 m) | |
| Function | | | | Last memory, Anti-snow, Connection Reset, Front panel security lockout, Auto input detection and switching |
| Control port | LAN | Number / Signal | 1 port / 10Base-T (Auto Negotiation), 100Base-TX (Auto Negotiation), Auto MDI/MDI-X | |
| | | Connector | 1 RJ-45 | |
| Others | AC adapter | | Input: 100 - 240 VAC ± 10%, 50 Hz/60 Hz ± 3 Hz Output: DC 12 V 3 A (AC adapter is supplied) | |
| | Power consumption | | TBD | |
| | Dimensions | | TBD | |
| | Weight | | TBD | |
| | Temperature | | Operating temperature: 32°F to 104°F (0°C to +40°C) Storage temperature: -4°F to +176°F (-20°C to +80°C) | |
| | Humidity | | Operating/ Storage humidity: 20% to 90% (Non Condensing) | |