

# HDC-TH200

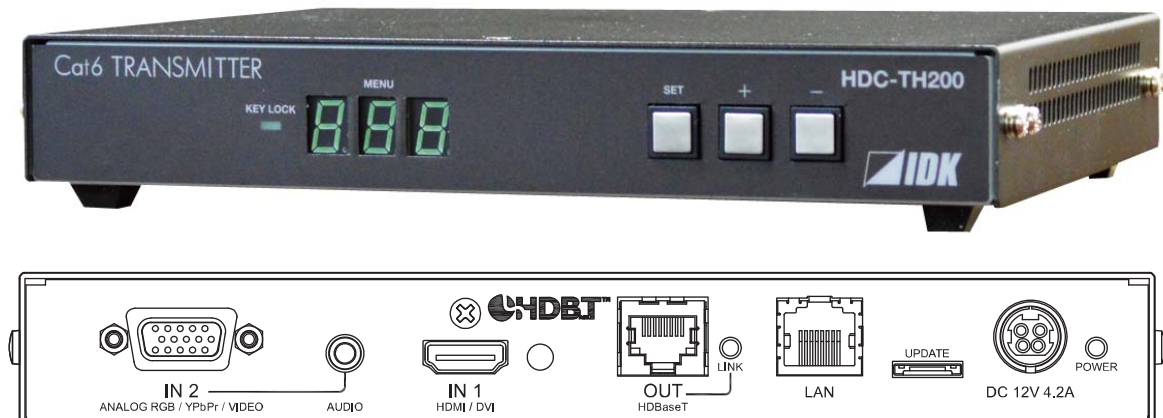
## HDMI Twisted Pair Cable Extender



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

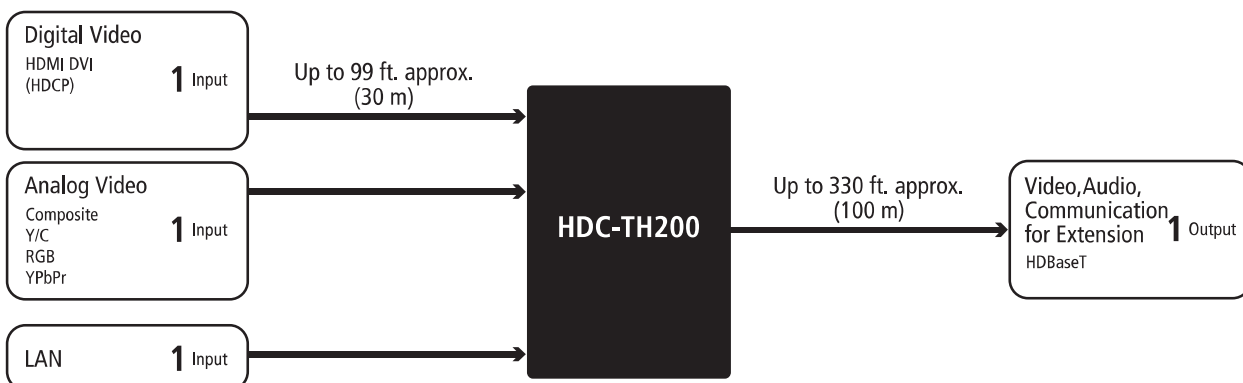
- Audio:**
- Embedding analog audio into digital signals

**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<br>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   |
|                         |                   | Connector  |   | 1 female 15-pin HD  |
|                         |                   | Others   |   | EDID emulation  |
|                         |                   | Formats  |   | NTSC/PAL<br>480i/480p/576i/576p/720p/1080i/1080p<br>VGA to QWXGA * WUXGA / QWXGA: Reduced Blanking                          |
|                         |                   |  | Audio   | Digital   |
|                         | Connector         | 1 female HDMI Type A                                     |   |   |
|                         | Output            | Video  | Digital   | Number / Signal   |
| Connector               |                   |  |   | 1 Stereo mini jack 3,5 mm   |
| Analog                  |                   |  | Number / Signal   | 1 output / HDBaseT<br>Cable: Cat5e/Cat6 (STP/UTP straight cable)  |
|                         |                   |  | Connector   | 1 RJ-45   |
| Audio                   |                   | Number / Signal  | 1 output / Multi-channel linear PCM up to 8 channels<br>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)   |
| Function                |                   | Output   | HDBaseT   | Max. 330 ft. approx. (100 m)  |
| Control port            |                   | LAN  | Number / Signal   | Last memory, Anti-snow , Connection Reset, Front panel security lockout, Auto input detection and switching                 |
|                         |                   |  | Connector   | 1 port / 10Base-T (Auto Negotiation), 100Base-TX (Auto Negotiation), Auto MDI/MDI-X   |
| Others                  | AC adapter        |  | Number / Signal   | 1 RJ-45   |
|                         |                   |  | Connector   | 1 RJ-45   |
|                         |                   |  | Input: 100 - 240 VAC ± 10%, 50 Hz/60 Hz ± 3 Hz<br>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) |   |   |