

HDC-TH200

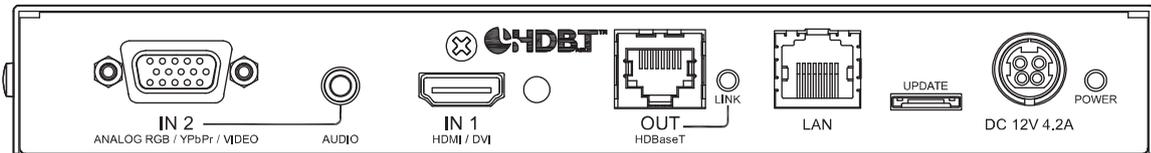


HDMI Twisted Pair Cable Extender

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

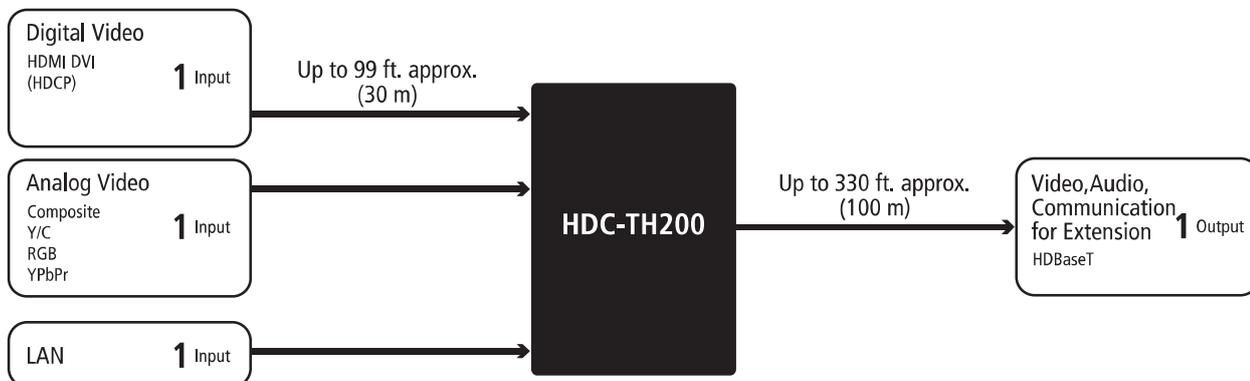
- Audio:**
- Embedding analog audio into digital signals

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, DV11.0 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)	