

CERTECH HDMI HDBaseT Extender, 100m over Cat6

HDBTEXT100

DETAILS:

- Incorporates HDBaseT extend technology
- Transmit uncompressed HDMI signal over CAT6/6A/7 cable
- Supports full HD 1080p@60Hz, 3D, 4Kx2K@60Hz
- Supports distance up to 100 metres
- Supports bidirectional IR pass-back function
- Supports HDCP ,CEC, 24 deep colour
- Supports uncompressed LPCM audio and compressed DTS-HD, Dolby True HD



SPECIFICATIONS

Technical	Transmitter (TX)	Receiver (RX)
HDMI Compliance	HDMI1.4, 10.2Gbps	
HDCP Compliance	HDCP1.4	
Transmission Medium	HDBaseT	
Transmission Distance	CAT6A/CAT7: 1080p@60Hz 48bpp&3D, 4Kx2K@30Hz up to 100 meters CAT5E/CAT6: 1080p@60Hz 36bpp up to 100 meters 1080p@60Hz 48bpp&3D, 4Kx2K@30Hz up to 70 meters	
Resolution	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz, 4Kx2K@24/25/30Hz	
Audio Support	LPCM, DTS-HD, Dolby True HD	
Input TMDS signal	0.7~1.2Vp-p	
Input DDC signal	5Vp-p	
CEC	Supported	
RS232 Support	No	
POC Support	Supported, recommended to connect the power adapter to the RX unit	
Latency	zero latency	
Supported Configuration	point to point connection	
IR Passback	Bi-direction IR Passback	
IR Frequency	20-60KHz	
Input	HDMIx1, 3.5mm jack(IR)x1, DC2.1x1	DC2.1, RJ45x1, 3.5mm jack(IR)x1
Output	RJ45x1, 3.5mm jack(IR)x1	HDMIx1, 3.5mm jack(IR)x1
HDMI Source Control	Controllable via IR passback from RX to TX	
HDMI Connector	Type A 19 Pins,Female	
Network Cable Standard	CAT5E/CAT6/CAT6A/CAT7 , follow IEEE- 5688 standard	
Housing	Metal enclosure	
Dimensions	98.5(L)x66.5(W)x23(H)mm	
Net Weight	TX: 79g	RX: 107g
Power Supply	12V/1A	
Power Consumption	<8W	<8W
Operation Temperature	-20~60°C	
Storage Temperature	-30~70°C	