CH-506TXL/RXL

HDMI over CAT5e/6/7 Transmitter & Receiver



The HDMI with RS-232 over Single CAT5e/CAT6 transmitter and receiver set is the most cost effective extender. It can send uncompressed audio/video over a single run of CAT5e/6 cable up to 70 m. Besides, it has the added benefit of control through the built-in RS-232 and IR ports.

TXL PANELS



Front View



Rear View

RXL PANELS

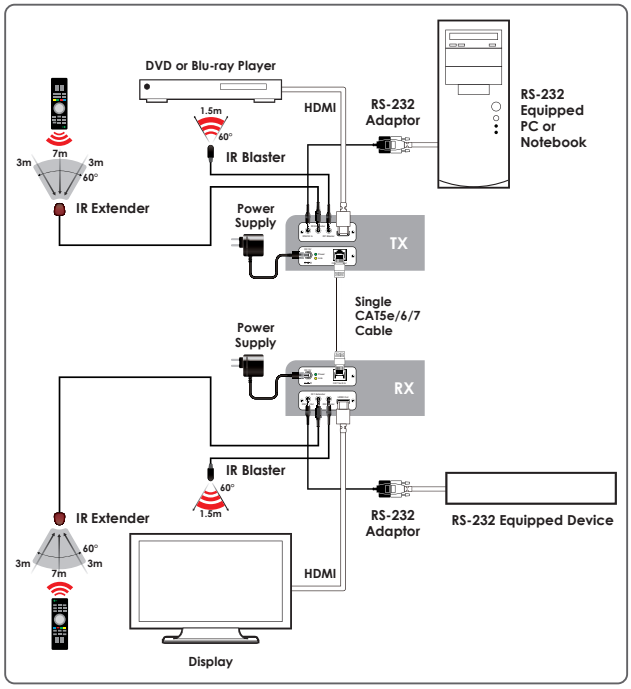


Front View



Rear View

DIAGRAM



FEATURES

- HDMI including 3D, 4k×2k supports, HDCP and DVI compliant
- Supports HDCP repeater and CEC function
- Simultaneous transmission of uncompressed data over a single CAT6/ CAT5e cable up to 70 m
- Uncompressed video 1080p, 60Hz, 36-bit
- Audio support up to LPCM 7.1CH, Dolby TrueHD and DTS-HD Master Audio
- 3 Play convergence: HDMI & Control (IR & RS-232)
- Installation friendly

SPECIFICATIONS

Interfaces		
Input Port	1 HDMI (Type-A) (TX), 1 RJ45 (RX)	
Output Port	1 HDBT(RJ45) (TX), 1 HDMI (RX)	
Control I/O	1 IR Extender [3.5mm] (both TX and RX) 1 IR Blaster [3.5mm] (both TX and RX) 1 RS232 DE-9 (female on TX, male on RX) 1 LAN (RJ-45) (both TX and RX)	
Video		
HDCP Compliance	1.x	
Input Signal Types	HDMI	4K@24 8-bit
Output Signal Types	HDBT	4K@24 8-bit
		Resolutions
Maximum Input	HDMI	4096×2160p@24
Maximum Output	HDBT	4096×2160p@24
Audio		
Input Signal Types	HDMI	Unbalanced Stereo
Digital Formats	HDMI	LPCM 7.1CH, Dolby TrueHD and DTS-HD Mater Audio
Power		
Power Supply	5V/2.6A	
Power Consumption	3W(TX), 6W(RX)	
Enclosure		
Chassis Material	Metal (Steel)	
Chassis Color	Black	
Dimensions (W×H×D)	71mm (W)×79mm (D)×23mm (H) (both TX, RX)	
Weight	240g (TX), 245g (RX)	

ORDERING INFORMATION

Model No.	Product Description
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