CAT-HDX11T/A
HDMI OVER SINGLE CAT-5 EXTENDER WITH IR AND RS-232 (TRANSMITTER)

DESCRIPTION

Home Application
Enhance your home entertainment center and extend HDMI devices throughout your home.

Data Broadcasting
Data such as news, stock prices, sports results, and flight information can be broadcast in real time to various monitors.
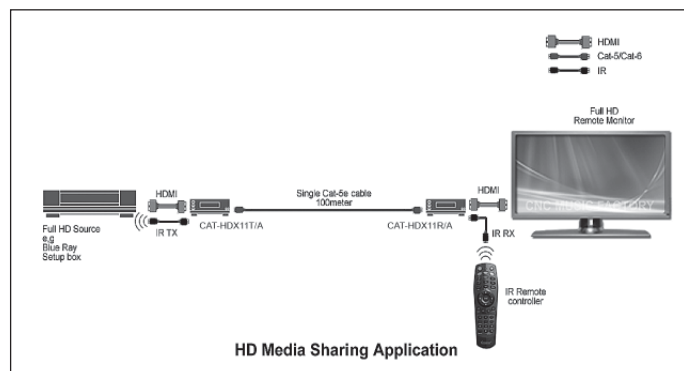
FEATURES

• HDMI Version 1.3b Compliance
• HDCP Compliance
• Extend Full HD (1900x1200) or1080p HDMI Up to 100meter over a Single Cat-5e Cable
• With IR and or RS-232 Control pass through

HD Media Sharing Application

TECHNICAL SPECIFICATION

HDMI COMPLIANCE:	1080p - 60HZ 1.3b
HDCP COMPLIANCE:	Yes
VIDEO BANDWIDTH:	1080p 60HZ 225 MHz
VIDEO SUPPORT:	480i/480p/720p/1080i/1080p60 up to 36-bit color
AUDIO SUPPORT:	Surround sound (up to 7.1ch) or stereo digital audio
HDMI over UTP [24bit]:	Full HD (1080p) - 100m (330ft)
TRANSMISSION RANGE:	HD 1080p - 100m / CAT-5e
INPUT TMDS SIGNAL:	1.3 Volts [peak-to-peak]
INPUT DDC SIGNAL:	5 volts [peak-to-peak, TTL]
ESD PROTECTION:	[1] Human body model— ±15kV [air-gap discharge] & ±15kV [contact discharge] [2] Core chipset —±15kV
PCB STACK-UP:	6-layer board [impedance control— different 100Ω ; single 50Ω]
INPUT:	**Transmitter** 1 x HDMI - -
OUTPUT:	1 x IR 1 x RJ45
COMMUNICATION I/O:	1 x RS-232
HDMI SOURCE CONTROL:	Controllable via IR pass-through from IR receiver at RX to IR blaster at TX

* Receiver used: **CAT-HDX11R/A**

TYPICAL APPLICATIONS

Home Application; HD Presentation; Data Broadcasting; Learning and Training

* Specifications are subject to change without notice.

ABTUS