

# CAT-HDX11R/A

## HDMI OVER SINGLE CAT-5 EXTENDER WITH IR AND RS-232 (RECEIVER)



### DESCRIPTION

#### Home Application

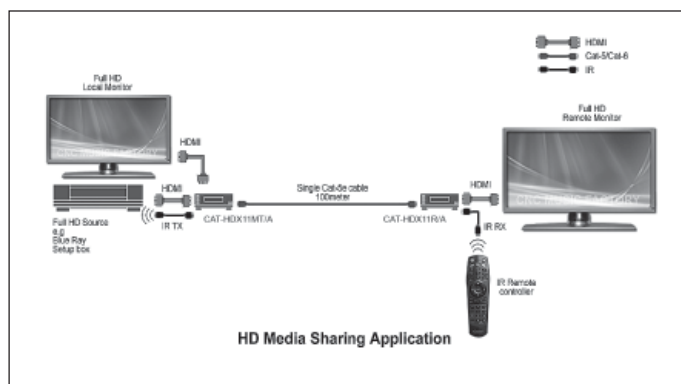
Enhance your home entertainment center and extend HDMI devices throughout your home.

#### 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) or 1080p HDMI Up to 100meter over a Single Cat-5e Cable
- With IR and or RS-232 Control pass through



### TYPICAL APPLICATIONS

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

### TECHNICAL SPECIFICATION

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

\* Transmitter used: **CAT-HDX11MT/A** or **CAT-HDX11T/A**

\* Specifications are subject to change without notice.