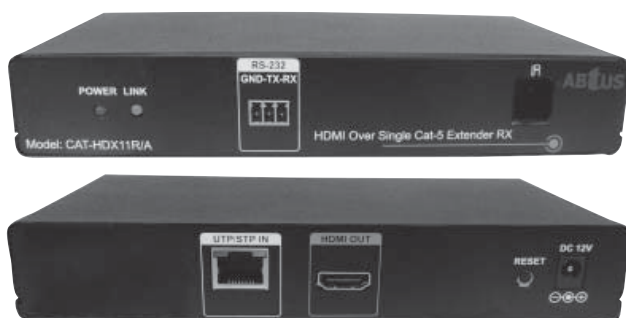


CAT-HDX11R/A

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



DESCRIPTION

Home Application

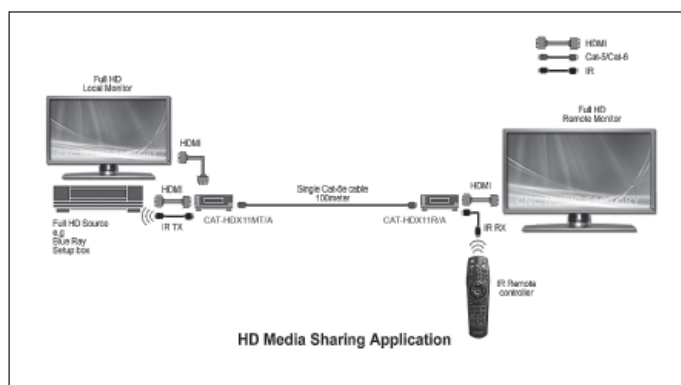
Enhance your home entertainment center and extend HDMI devices throughout your home.

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

| | |
|-------------------------------|--|
| 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 7.1 ch) 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] |

| Receiver | |
|-----------------------------|--|
| INPUT: | - 1 x IR 1 x RJ45 |
| OUTPUT: | 1 x HDMI |
| 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 |

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

* Specifications are subject to change without notice.