HDC-VX

One CAT5 to broadcast Video, Stereo Audio and Bi-Directional, IR up to 1000ft (300m) away!

HD ready

HD CONTROL

HDC-VX allows the extension of Composite Video, Stereo Audio and InfraRed control signals via a single Category 5 twisted pair cable using a unique method of transparent data transfer.

Features

- Uses easy to install, inexpensive CAT5/5e/6/7/8.
- Output reaches up to 1000 feet (300m).
- Supports PAL, NTSC and SECAM
- Video 100 MHz Bandwidth.
- Video cable compensation (automatic).
- Sends Composite Video Stereo Audio, IR and Power signals over CAT5.
- Compatible with Line Level Stereo Audio Signals.
- High ground loop immunity.

- Built-in lighting, power surge and transient protection.
- Remote Units come with Buffered Outputs.
- Compact Enclosure.
- Fully compliant with standard modulated IR and the latest IRDA.
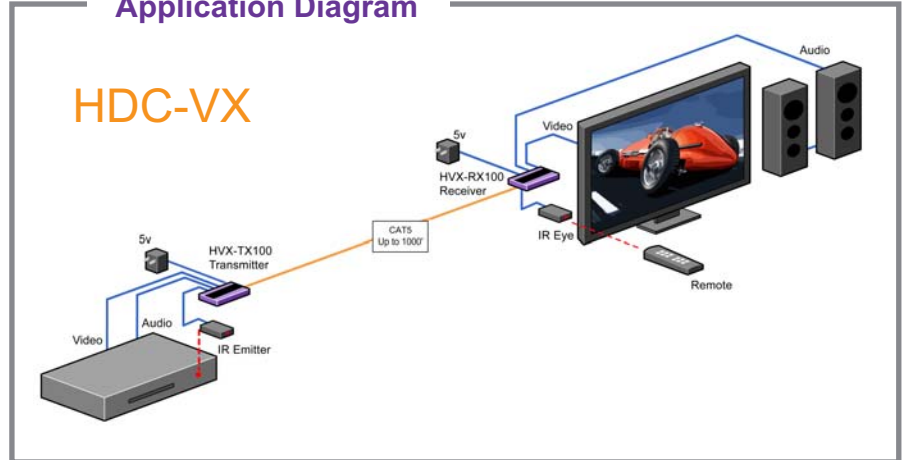- Fully transparent path for all protocols and data transfers.

a product of the HD Control family

Smart-AVI
SMART AUDIO VIDEO INTEGRATION

Infrared Extender over cat5 up to 1000ft

Specifications

Range	
AV+IR over CAT5 UTP	300m (1000 ft)
Remote Control Range	25ft
Video Input	
Signal type	NTSC/PAL/SECAM Composite Video 1V p-p
Bandwidth	100 MHz
Impedance	75 Ohm
Connector	RCA, Female
Audio Input	
Signal Type	Stereo Audio
Bandwidth	20 KHz, 0 dB
Impedance	10K Ohm
Connector	RCA
Video Output	
Signal Type	NTSC/PAL/SECAM Composite Video
Bandwidth	100 MHz
Impedance	75 Ohm
Connector	RCA, Female
Audio Output	
Signal Type	Stereo Audio
Bandwidth	20 KHz, 0 dB
Impedance	100 Ohm
Connector	RCA
IR Input	
Signal Type	30-500 kHz modulated IR
Connector	3.5 mm mini jack, Female
Power	5 x 2.1mm 5VDC1A
Dimensions	3.75"x 2.75" x .88" (95.3 x 69.9 x 22.2 mm)
Weight	.25 lb (0.9Kg)

Application Diagram

HDC-VX

Order Info

Model	Description
HDC-VXS	Video/Audio/IR CAT5 Point to Point Extender. Includes: [HVC-VX-RX, HVC-VX-TX, SM-LED, SM EYE and 2x (PS5VD1A)]

Applications for HDC-VX

Hotels, Cable TV remote control, Control rooms, Remote On-Digital set-top control, Sky box control extension, Dealer rooms, Point of Sale, Remote VCR control, Home use.

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

Learning and Training
HDC-VX can be used in educational presentations to multiple locations, in schools and in other training facilities.

Many leading businesses have already recognized the innovation of SmartAVI's technologies and have eagerly implemented them. Users of SmartAVI technology include among others;