

VCA100

Audio and video distribution and extension via cat5



Use a single CAT5 to broadcast high resolution UXGA and stereo audio 1000ft away at the most affordable price in the market.

Features

- Uses easy to install, inexpensive CAT-5/5e/6/7/8.
- Output reaches up to 1,000 feet (300 m).
- Supports high resolution clear video up to 1900x1200
- HDTV compatible (720p, 1080i, 1080p)
- 300 MHz Bandwidth.
- Sends high-resolution XVGA and Stereo Audio signals.
- Compatible with VGA, XGA, Sun, MAC and SGI
- Sync Format / Polarity Preservation.
- Compatible with Line Level Stereo Audio Signals.
- High ground loop immunity.
- Built-in lightning, power surge and transient protection.
- Designated trimmer in the remote unit to compensate for cable length.
- Compact metal case enclosure.
- Optional power supply for remote unit.
- Remote units come with buffered outputs.



Made in the USA

Smart-AVI
SMART AUDIO VIDEO INTEGRATION

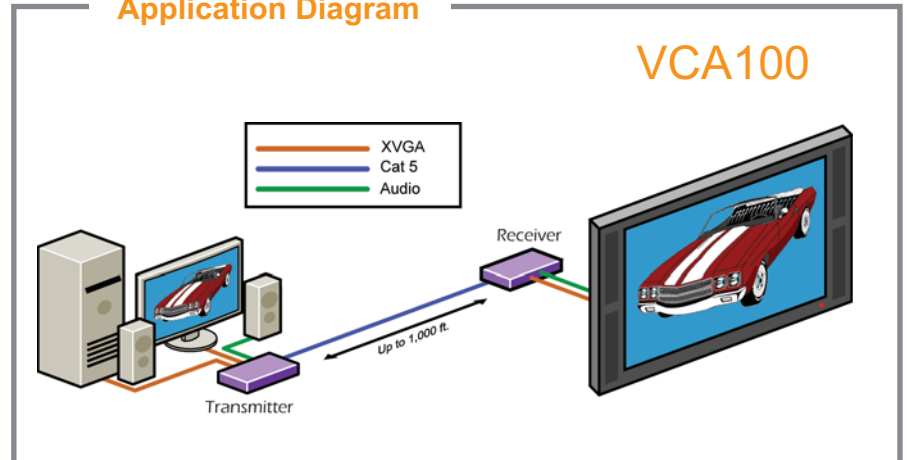
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Specifications

Transmitter and Receiver	
Video	
Bandwidth	400MHz
Analog signal level	1 Volt
Impedance	75 ohms
Connector	High density HD15
Format	VGA/SVGA/XGA/UXGA/RGBHV/RGsb
Sync	TTL horizontal SyncRange: 15 to 130 KHz Vertical Sync Range 30 to 120 Hz
Audio	
Bandwidth	20KHz
Signal level	0dB
Impedance	10K ohms
Connector	3.5mm jack socket
System Cable	
Type	CAT5 UTP EIA 568A
Connector	RJ45
Power	
Requirements	5V DC @500mA
Connector	5x2.1mm DC jack

Application Diagram



Order Info

Items	Part No.
VCA UXGA/Audio Transmitter	VCA-TX100
VCA UXGA/Audio Receiver	VCA-RX100

Applications for VCA100

Presentations

The VCA100 series enhances any presentation from commercial products to corporate financial data. It can be used in show rooms, board rooms, trade shows and window displays.

Data Broadcasting

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

Learning and Training

VCA100 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;

