

Broadcast High Resolution UXGA And RS232 Using A Single CAT5 That Reaches Up To 1,000 Ft



VDX

Enhanced VGA distribution and extension via CAT5

Broadcast high resolution video over CAT5 cabling up to 1,000 ft away

OVERVIEW

The VDX allows the extension of high definition video and RS-232 control signals via a single CAT5 twisted pair cable up to 1,000 feet using a unique method of transparent data transfer.

FEATURES

- Uses easy to install, inexpensive CAT5/5e/6/7/8
- Extends up to 1,000 feet (300 m)
- Supports high resolution clear video up to 1900 x1200
- HDTV compatible (720p, 1080i, 1080p)
- 300 MHz bandwidth
- Sends high-resolution XVGA and RS232 signals
- Compatible with VGA, XGA, Sun, MAC and SGI signals
- Sync format/polarity preservation
- Bidirectional serial RS-232 (Tx/Rx) control
- 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

APPLICATIONS

Presentations

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

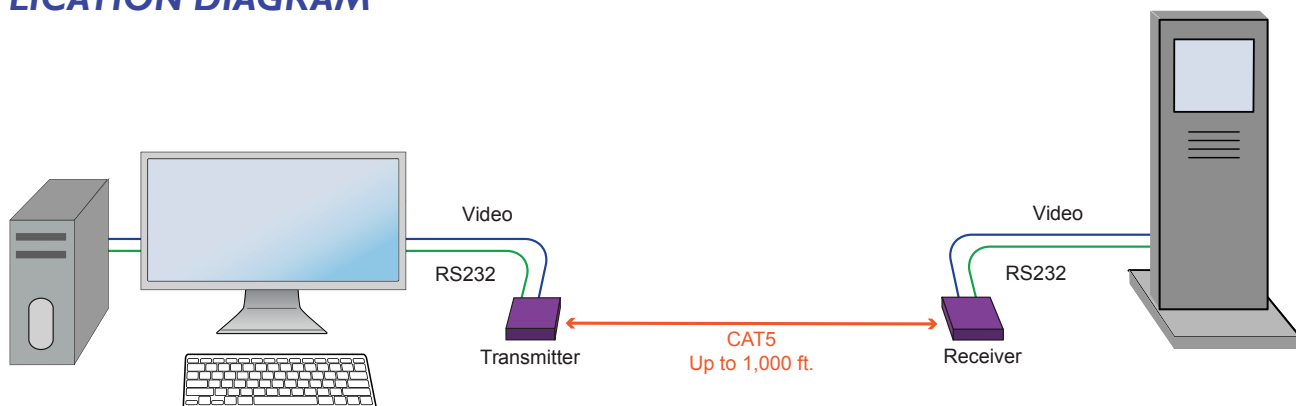
Learning and Training

The VDX can be used in educational presentations to multiple locations, in schools and in other training facilities.

Data Broadcasting

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

APPLICATION DIAGRAM



SPECIFICATIONS


VIDEO	
Bandwidth	400MHz
Analog Signal Level	1 Volt
Impedance	75 ohms
Connector	High Density HD15
Format	VGA/SVGA/XGA/UXGA/RGBHV/RGB
Sync	TTL Horizontal Sync Range: 15 to 130 KHz Vertical Sync Range 30 to 120 Hz
RS232	
	Bi-directional Transmit Receive Only, RXD, TXD

SYSTEM CABLE	
Type	CAT5 UTP EIA 568A
Connector	RJ45
POWER	
Requirements	5V DC @ 500mA
Connector	5x2.1mm DC jack

Part No.	Description
VDX-TX	VCA UXGA/Audio Transmitter
VDX-RX	VCA UXGA/Audio Receiver

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