

VCA-400



BROADCAST HIGH RESOLUTION UXGA AND STEREO AUDIO TO 4
LOCATIONS 1,000 FT AWAY
HIGH RESOLUTION VGA DISTRIBUTION SYSTEM

VCAT SERIES

VGA distribution system using CAT5 unshielded twisted pair cabling

Use a single CAT5 cable to broadcast high-resolution
UXGA and stereo audio to 4 locations 1,000 feet away,
at the most affordable price on the market.

FEATURES:

- Uses easy to install, inexpensive CAT5.
- Output reaches up to 1,000 feet.
- Supports high resolution clear video up to 1920x1200.
- 300 MHz Bandwidth.
- Sends high-resolution VGA signals and stereo audio to 4 devices up to 1000 feet.
- Compatible with VGA, XGA, Sun, MAC and SGI Signals.
- Sync Format / Polarity Preservation.
- High ground loop immunity.
- Built-in lightning, power surge and transient protection.
- Remote Units come with Buffered Outputs.
- Designated trimmer in the remote unit to compensate for cable length.
- Metal Case Enclosure.
- External power supply.

APPLICATIONS:

Presentations

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

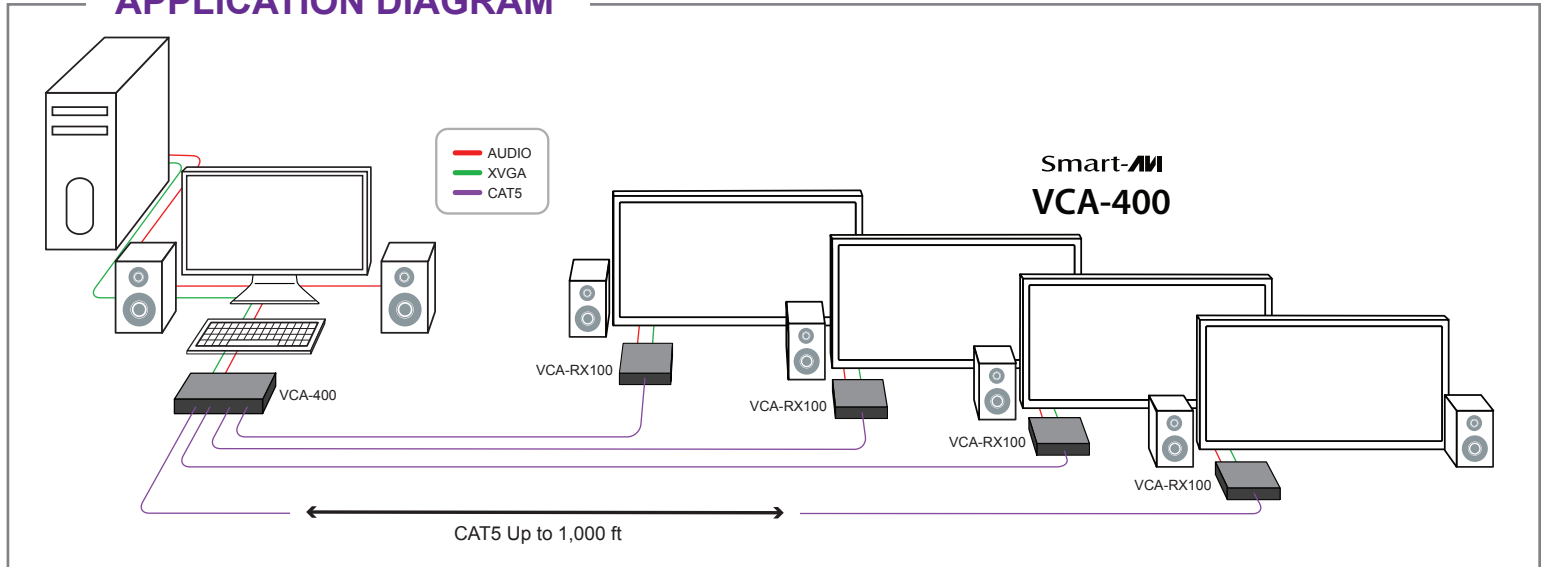
Data Broadcasting

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

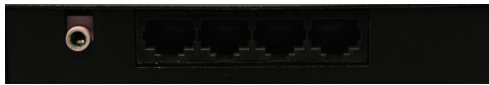
Learning and Training

VCA-400 can be used in educational presentations to multiple locations, in schools and in other training facilities.

APPLICATION DIAGRAM



VCA-400 Front



VCA-400 Back



VCA-RX100 Front



VCA-RX100 Back



SPECIFICATIONS

VCA-400 Specifications

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
Signal level	0dB
Impedance	10K ohms
Connector	3.5 mm jack socket
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	5x2.1 DC Jack

VCA-RX100 Specifications

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

ORDERING INFORMATION

Part No.	Description
VCA-400S	UXGA, YUV, Y/C & Audio Point-To-Multi-point CAT5 Extender, 4-Port Transmitter. Includes: [VCA-TX400, (CCVGAMM06), & (PS5VD2A)]
VCA-RX100S	VCA UXGA/Audio CAT5 Receiver. Includes: [VCA-RX100 & (PS5VD2A)]



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SMART AUDIO VIDEO INNOVATION