

VCT-400



BROADCAST HIGH RESOLUTION VGA ON UP TO 16 VIDEO DEVICES
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 VGA (WUXGA) 1,000 feet away, at the most affordable price on the market.

The VCAT series is a high resolution VGA distribution system (transmitter and receiver) designed to broadcast desktop video signals over unshielded twisted pair cabling (CAT5) on up to 16 video devices such as desktop monitors, and presentation monitors.

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.

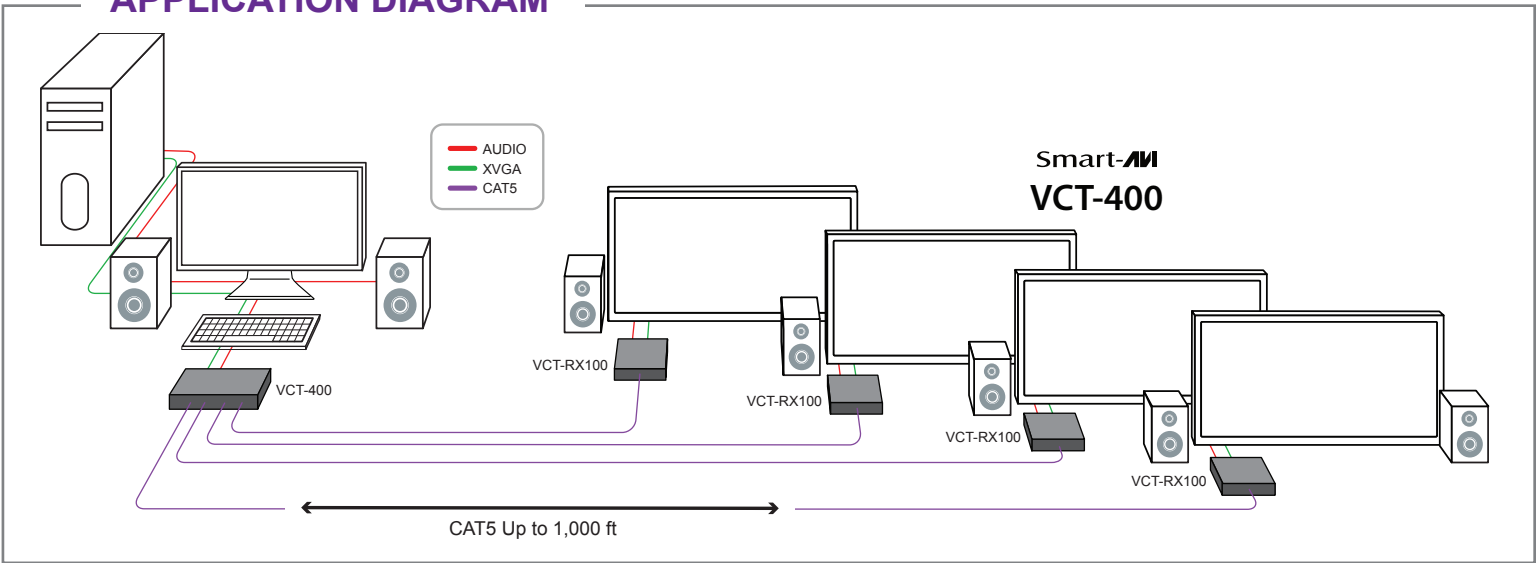
Data Broadcasting

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

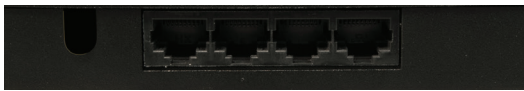
Learning and Training

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

APPLICATION DIAGRAM



VCT-400 Front



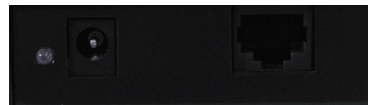
VCT-400 Back



VCT-RX100 Front



VCT-RX100 Back



SPECIFICATIONS

VCT-400 Specifications

VIDEO	
Bandwidth	400MHz
Analog signal Level	1 volt
Impedance	75 ohms
Connector	High density HD15
Format	VGA/SVGA/XGA/UXGA/RGBH/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
SYSTEM CABLE	
Type	Cat5 UTP EIA 568A
Connector	RJ45
POWER	
Requirements	5V DC @500mA
Connector	5x2.1 DC Jack

VCT-RX100 Specifications

VIDEO	
Bandwidth	300MHz
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
MECHANICAL	
Height	0.85 in. (2.16 cm.)
Width	2.81 in. (7.14 cm.)
Depth	3.44 in. (8.74 cm.)
Weight	0.25 lb. (0.11 kg.)

ORDERING INFORMATION

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



Designed and
Manufactured
in the U.S.A.

Smart-AVI
SMART AUDIO VIDEO INNOVATION