# VCA-400

## 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.
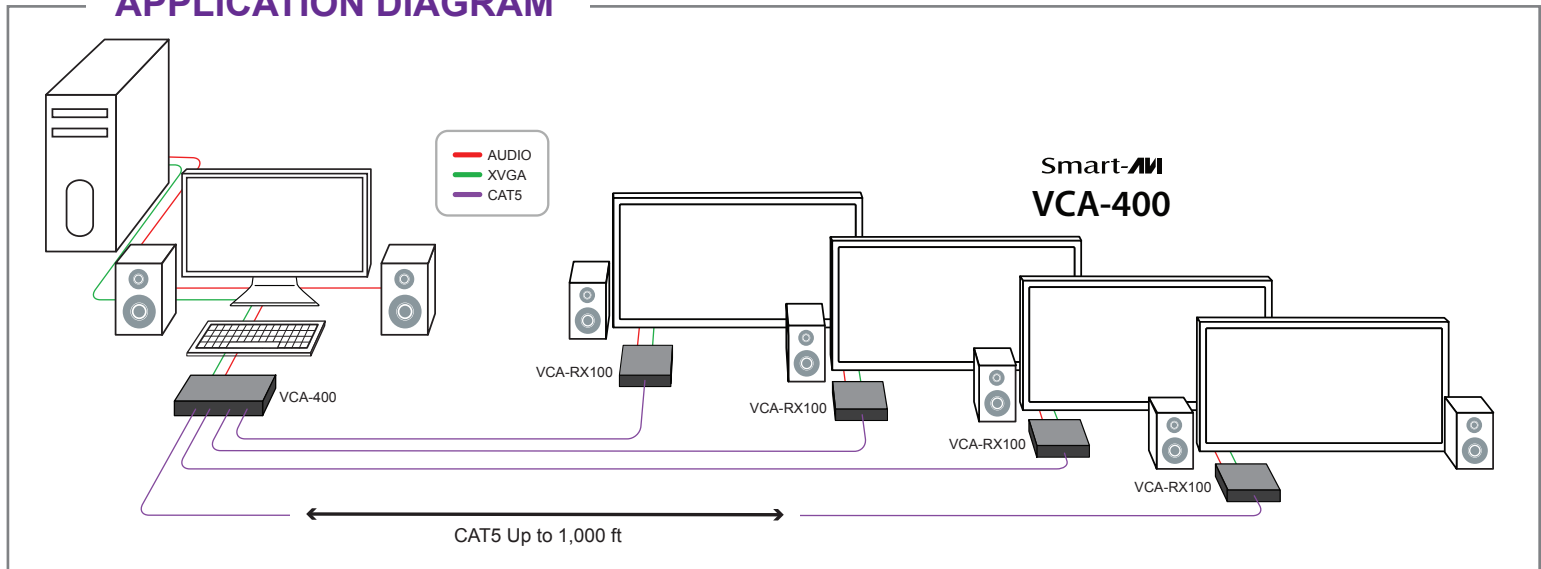
### Data Broadcasting
Data such as news, stock prices, sports results, and flight information can be broadcast in real time to various monitors and/or speakers.
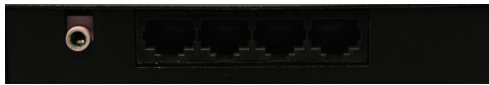
### Learning and Training
VCA-400 can be used in educational presentations to multiple locations, in schools and in other training facilities.

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# 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/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 |
| 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)] |

Designed and Manufactured in the U.S.A.

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www.smartavi.com

Tel: 800.AVI.2131 • 818.503.6200 • 11651 Vanowen St. North Hollywood, CA. 91605