Video over Cat-5

Mini-Cat®

VGA, Component, or CV and Audio Extension on Category-5 UTP Cable

Features:

➢ Eliminates the need for bulky, expensive and hard to build multi-coaxial cables for High-Resolution A/V extension

➢ Amplifies the signal for clean and crisp transmission

➢ Differential signaling eliminates ground loops and noise

➢ Handles resolutions up to 1600x1200 at any refresh rate

➢ Rugged, Reliable, Compact size

➢ Only one end requires power in most applications.

➢ Drive standard UTP cables to 500 feet (for VGA and Component video versions) or to 2000 feet for (Composite Video and Stereo Audio version)

➢ Made in USA

Model UV1 ... for VGA

The Model UV1 is a UTP (CAT5) VGA video extender consisting of a sender (UV1-S) and a receiver (UV1-R) sold together as a pair. The sender converts a PC's VGA signal into a format that can be transmitted using a single inexpensive and commonly available Category-5 Unshielded Twisted Pair (UTP) cable with RJ45 connectors. At the receiving (remote) end the Cat-5 signal is converted back to VGA for connection to your monitor, projector or other display device.

The sender and receiver are each housed in a small plastic enclosure and include a HD15 video connector and a RJ45 connector for the Cat-5 cable. Included with the pair of devices are: one small power adapter (can be powered at either end), and a short adapter cable for easy connection to the standard HD-15 connector of the PC.

The Mini-Cat® brand extenders can drive CAT5 cables to 500 feet (150 meters) with little to no degradation of video quality.

Model UV1-CP ... for Component Video (Y Pb Pr)

This variation of the UV-1 includes cables for each end that allow you to connect the sender to the 3 RCA connectors of DVD-players or other video sources that output Component Video (RGB or Y Pb Pr, or Y Cb Cr) and the receiver to connect to compatible displays such as HDTV's or high-end monitors. The actual sender and receiver units are identical to the standard UV-1

Model UV1-CV ... for Composite Video and Stereo Audio

This variation of the UV-1 includes cables for each end that allow you to connect the sender to the composite Video (Yellow), Left Audio (White) and Right Audio (Red) connectors of your A/V equipment. It can actually send the signals to 2000 feet, though both ends need to be powered if the distance is beyond 500 ft.

Other Models ....

Senders with local VGA loop-out and multiple RJ45 outputs and wall-mountable versions are also available.

UV1-S	Sender (1 RJ45 output)
UV1-S-WP	Sender on wall-plate (1 RJ45 output)
UV1-SL	Sender (1 VGA loop out and 1 RJ45 output)
UV2-S	Sender (1 VGA loop out and 2 RJ45 outputs)
UV4-S	Sender (1 VGA loop out and 4 RJ45 outputs)
UV8-S	Sender (1 VGA loop out and 8 RJ45 outputs)

Senders / **Receivers**

UV1-S
UV1-S-WP
UV1-SL
UV2-S
UV4-S
UV8-S
UV1-R
UV1-R-WP

Hall Research

Since 1984

1-800-959-6439

1163 Warner Ave - Tustin, CA 92780

Voice: 714 641 6607   **Fax:** 714 641 6698

www.hallresearch.com   www.mini-cat.com