

VGA & Bi-Directional RS-232 on one Twisted Pair
Model UV232B Kit - Includes Local Sender & Remote Receiver

Features & Capabilities

- ❖ Sends PC or HD video and bi-directional RS-232 over single Catx
- ❖ Wide bandwidth to transmit UXGA signals (1600x1200 / 60Hz)
- ❖ Compensation for UTP cable to 500 ft
- ❖ No power supply required for local unit - powered from VGA Source
- ❖ RS-232 and high quality VGA input cables provided
- ❖ DDC compliant EDID emulation
- ❖ Compact metal enclosure with mounting provisions
- ❖ Perfect for touch-screen, Kiosk, or Projector Control applications
- ❖ Supports all baud rates to 115 Kbps
- ❖ Compact, Rugged, Reliable, and Economical
- ❖ Made in USA



Product Description

The Model UV232B Kit is used to send high resolution video and full-duplex RS-232 over a single twisted-pair cable to a remote location up to 500 feet away.

The input video can be from a RGBHV (PC video to WUXGA) or YPbPr (HD analog component to 1080p).

DDC compliant EDID emulation assures proper PC boot-up with video output.

The Bi-directional RS-232 can be used to control LCD's or Projectors that have RS-232 control, or connect to a compatible touch-screen LCD.

Applications include kiosk solutions, conference halls, digital signage, interactive operator systems, factory or laboratory data acquisition and control, and more.

Only the receiver requires a power supply (included). The Sender is powered from the VGA source per VESA standard (+5v on pin 9). If the source is not VESA compliant in that regard, or if the video is YPbPr (using a 3 RCA to HD15 input cable), then a power supply would be needed at both ends. Please contact your dealer to obtain a second power supply.

The kit includes a local unit (Sender) that includes a VGA & serial cables, plus a remote unit (Receiver) that includes a power supply.

It is recommended that for best image quality low-skew UTP cables be utilized (such as HRT's Zero-Skew cables), otherwise at long distances (>200ft) and high-resolutions, RGB skew may be present and a separate skew corrector would be necessary (HRT Model SKU-RGB).

