

# VGA + Audio + RS232 Over UTP Receiver



URA-232



URA-232-XT

## Features

- Receives audio, video and uni-directional RS232 on a single UTP cable
- Digitally controlled adjustment eliminates tweaking pots
- Supports resolutions up to 1920x1200 at any refresh rate
- Compact & rugged metal enclosure with mounting holes
- RGB skew correction

## Description

The URA-232 is a video, audio and uni-directional RS-232 over UTP receiver. The receiver is located at a distance from the AV/RS-232 source and connected to a compatible UTP sender or extender. The URA-232 has a digital input configurable as "Contact" or "Voltage". User defined serial strings can be sent depending on the state of the digital input and also remotely from a compatible UV232A-S, UVA-232-4 or UVA-232-8 sender or via serial command. Using the remote capability, you can have URA-232 and URA-232-XT units daisy chained and talk to all the connected devices serially with each sending the same or completely different serial strings.

In a typical application the RS-232 port on the unit is used for transmit only to issue power commands to connected displays (the RS-232 RX pin is used for programming the URA-232 for remote trigger operation).

## Specifications

Video Gain:	Unity
Video Standards:	VGA through UXGA, RGBHV, RGBS, RGsB, RsGsBs, Component Video (bi-/tri-level sync)
Connectors:	(1) RJ-45 Female (CATx Input) (1) HD15 Female (Video Output) (1) 3.5mm Female (Audio Output) (1) 2.1mm Female (Power Input) (1) 4 Position TB
Nominal Amplitude:	1 V p-p for Y of component video 0.7 V p-p for RGB and for Pr and Pb of component video 4.0 V to 5.0 V p-p, for TTL Sync signals of RGBHV, RGBS
Impedance:	75 ohms
Resolution:	Up to 1920x1200 non-interlaced at 60Hz
Max Distance:	Up to 1000 feet depending on resolution
Audio Gain:	Unbalanced output: 0 dB
Audio Type:	Monaural, Simulated Stereo (L+R)
Recommended Cable:	Hall Research. Zero-Skew™
Power	Supply:100 VAC to 240 VAC, 50-60 Hz, external; 5 VDC, 2A regulated 2.1mm
Temperature Humidity: Storage: Operating:	-40 to +158 degF (-40 to +70 degC) / 10% to 90%, non-condensing +32 to +122 degF (0 to +50 degC) / 10% to 90%, non-condensing
Mounting:	Brackets at each end with screw hole provided for Wall or Rack mounting Enclosure: Metal
Dimensions:	1.18" H x 2.75" W x 3.85" D (30mm H x 70mm W x 98mm D) Depth excludes connectors
Weight:	Product - 0.75 lb (0.35 kg)
Shipping	- 1.5 lbs (0.70 kg)
MTBF:	90,000 hours
Warranty:	2 years parts and labor