



Transmitter shown in RCIXT100-TXUVA-CL

## Features

- Send VGA or Component Video and audio up to 1,000 ft over a single Cat 5 cable
- Supports 1080p and any resolution up to 1920x1440 at 85Hz
- Single-gang plate form factor
- Amplifies the signal for clean and crisp transmission
- Differential signaling eliminates ground loops and noise

## TXUVA-DP

The TXUVA Mini-Cat® is a single port Video and Audio over UTP (Cat5/5e/6) transmitter. The TXUVA can transmit Video and Audio up to 1,000 feet. It supports resolutions up to 1920x1440 at 60Hz.

**This sender must be paired with a RXURA Receiver.**

### Specifications

|                   |   |
|-------------------|---|
| Dimensions:       | Single gang plate   |
| Weight:           | 1 lbs. (shipping)   |
| Power Supply:     | From utility-power (mains) outlet, through included external Universal power supply. Output Voltage: 6V DC Center-Positive        |
| Max Distance:     | 1000 Ft (304.8 Meters)  |
| Max Resolution:   | 1920 x 1440 non-interlaced up to 85 Hz or YPbPr up to 1080p   |
| Video Types:      | RGBS, RGsB (sync on green), RGB or YpbPr. Can also transmit Composite Video (CV), S-Video(Y/C) with the appropriate adapter cable |
| Bandwidth:        | Video: DC to 250 Mhz<br>Audio: 20 to 10 KHz<br>Video Level: 0.7 volts peak to peak  |
| Maximum Altitude: | 10000 Ft (3048 Meters)  |
| Temperature:      | Operating: 32 to 122°F (0 to 50°C)<br>Storage: -40 to +185°F (-40 to +85°C)   |

### Powering up TXUVA with one power supply

- It is important to note that the TXUVA can be powered from the source (through the VGA cable) without the need to connect an external power source. Almost all VESA compliant sources should have enough power to run the unit, and there is a power LED indicator on the front of the wall plate to show the power status.
- The TXUVA comes with a small power supply that can get wired to the wall plate and connected to the screw terminals on the rear of the circuit board as shown to the right.
- The wiring to this screw terminal is low voltage and no special requirements are needed (check with your local wiring code), but the power supply itself needs AC input so it either needs to be located outside the wall and wired to the screw terminal, or in an electrical junction box in the wall or ceiling to meet electrical code.



• Many installers run a separate cable (two wire extension of 20 gauge or thicker) alongside the UTP cable so the power supply can be located at the remote end where the URA receiver is located.

• It is also possible to use the 5v power supply that comes with the URA to power both the URA and the wall plate in the same manner.

To do that, a 2.1mm Power splitter cable would be required as shown below. These are commercially available.



• We also recommend using commercially available 2.1mm female to screw terminal adapter (as shown below) to plug to one end of the power splitter cable.

