

Technical Specifications

UXPRO SPECIFICATIONS	
VGA Data	
Format	RGBHV, RGsB, YUV, Y/C, CVBS
Resolution	Up to 1900 x 1200 VGA, SVGA, XGA, SXGA
Connector Type	HD 15 socket
USB	
USB 1.1	(low and full speed)
Transmitter	
Receiver 4	USB Type A
Audio	
Signal Type	Stereo unbalanced
Connector	3.5mm jack socket
RS232	
	DB9M
	TXD, RXD, Gnd.
	9600 bps
Power	
Connector	External 5VDC adaptor
Connector	2.1mm DC jack (center +ve)
Physical	
Dimensions	7.75" x 3.38" x .937" (197 x 86 x 24 mm)
Weight	.60 lb (0.27 kg)

Environment Operating Temp. 32°F-113°F (0°C-45°C)
Humidity 0% - 80% non-condensing

Receive on DB9 Male



Pin No.	Name	Description
2	RxD	Receive Data on DB9 Male
3	TxD	Transmit Data on DB9 Male
5	SGND	Ground

Transmit on DB9 Female



Pin No.	Name	Description
2	TxD	Transmit Data on DB9 Female
3	RxD	Receive Data on DB9 Female
5	SGND	Ground

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For the complete manual, visit www.smartavi.com.

Smart-AVI
Smart Audio Video Integration

User Manual

UXPRO



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Use CAT5 cable to broadcast high resolution SXGA, Stereo Audio, RS232/IR and USB1.1 up to 275ft.

www.smartavi.com

Introduction

The UXPRO range of products allows the extension of a wide range of video and audio formats, RS232/IR and USB via a single Category 5 Unshielded Twisted Pair (UTP) cable.

Features

- Supports Dual Screens.
- Uses easy to install, inexpensive CAT-5/5e/6/7/8.
- Output reaches up to 275ft (83.2 m).
- Resolutions up to 1900x1200.
- 300 MHz Bandwidth.
- Sends high-resolution WUXGA, Stereo Audio signals, RS232/IR from one source to 2 locations.
- Compatible with Line Level Stereo Audio Signals.
- High ground loop immunity.
- Built-in lightning, power surge and transient protection.
- Designated trimmer in the remote unit to compensate for cable length.
- Compact Metal Case Enclosure.
- Supports RS232/IR and USB
- Supports USB Keyboard, USB Mouse + additional USB 1.1/1.0 devices.
- Compatible with VGA, XGA, SUN, MAC and SGI
- Uses one CAT5 (UTP) cable for USB transmission.
- 4 port USB hub with RX (receiver) unit.
- External Power Supply.
- Uses on CAT5 (UTP) for each WUXGA/Audio/RS232 and IR signal transmission.

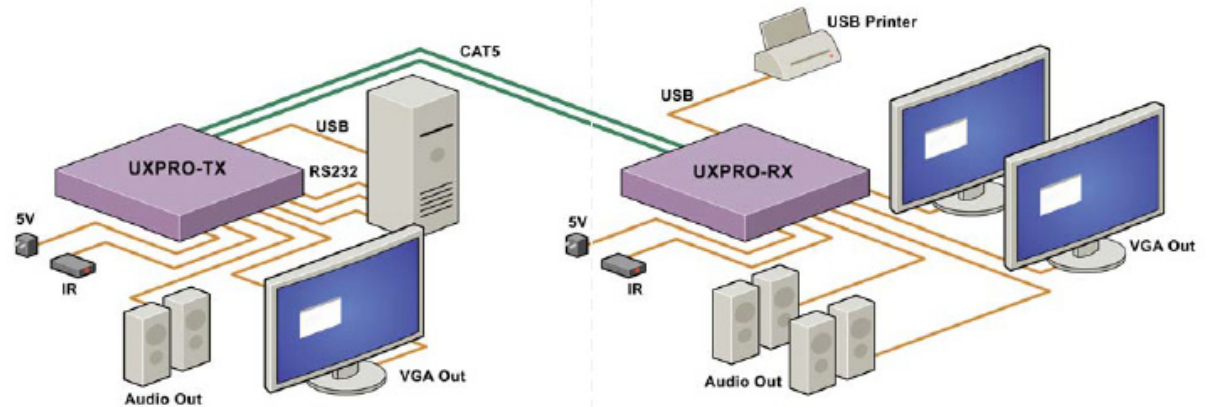
What's in the box?

UXPRO

Please check the contents of the package before beginning installation.

UXPRO Package Contents		
Qty	Items	Part No.
1	UXPro Transmitter Unit	LXP-TX
1	UXPro Receiver Unit	LXP-RX
2	5 volt dc power supply	PS5VDC2A
1	HDD 15 male to male VGA cable (6ft)	CC-VGAMM-06
Optional		
1	Audio 3.5 mm stereo miniplug cable	CC-ADMM06
1	IR EYE Receiver	SM-EYE
1	IR Emitter	SM-LED
1	Serial m/f DB9 6ft.	CCSERMF06

Installation Diagram



Connecting The Transmitter

1. Connect the output of the computer video card to the video input of the transmitter using the included male to male video cable.
2. Connect the output of the computer audio card to the audio input of the transmitter using 3.5mm audio male to male audio cable.
3. Connect local monitor to the VGA out of the transmitter.
4. Connect external speakers to the transmitter's audio out (Standard 3.5mm stereo miniplug).
5. In the back of the unit connect the CAT5 cable that will connect to the receiver (UXPRO-RX).
6. Use AB Cable to connect the USB.

*NOTE: You can not use RS232 and IR at the same time.

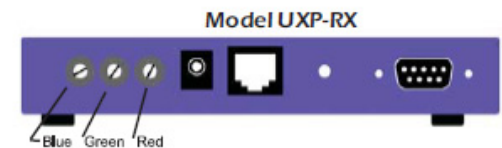
Connecting The Receiver

1. Connect CAT5 cable (coming from the transmitter) to the back of the receiver.
2. Connect 1-2 display monitors to the VGA out connectors on the front of the receiver.
3. Connect 1-2 sets of external speakers to the audio output connections on the front of the unit. (Standard 3.5mm stereo Miniplug)
4. Connect the USB devices.

* NOTE: USB supported is 1.1

Adjusting and Tuning the Signal

In order to fine tune the signal, adjust the individual dials one at a time starting with GREEN, then BLUE, and lastly RED. As you turn the dials you will notice the colors slightly change as you increase or decrease the strength. All dials should be around the same distance.



Preparing & Connecting System CAT5 Cable

Following is the wiring standard for terminating (using RJ-45 connector):

- | | |
|--------|------------|
| Pair 1 | Pins 1 & 2 |
| Pair 2 | Pins 3 & 6 |
| Pair 3 | Pins 4 & 5 |
| Pair 4 | Pins 7 & 8 |



Connectors: RJ-45
Capacitance: 14 pf/ft (46.2 pf/m)
Conductor Gauge: 24 AWG