RK-XTPro SXGA/Audio/RS-232/IR Rack Extender



Multiple-Device Rack Extension & Management Solution

Use CAT Cable to Broadcast Up to 16 High-Resolution SXGA, Stereo Audio, RS-232 and IR Sources 1,000 Feet Through Single Extension Unit

One box, one power supply, and up to 16 devices extended easily from a rack without the mess or headache of multiple extenders. That is the purpose of SmartAVI's new Rack Series of A/V component management solutions. Rather than buy multiple extenders for your rack components, and having to find power strips or numerous power outlets for the adapters, our Rack Series of extenders allows for up to 16 inputs and 16 outputs (30 feet each way) and one power supply. Say goodbye to a tangled mess of wires and extension cords and hello to a dynamic, smart component management solution.

Rack-XTPro is a high-resolution UXGA and audio extender system (transmitter and receiver) designed to broadcast desktop video, stereo audio, RS-232 and infrared signals over un-shielded, twisted pair cabling.

The beauty of our Rack-XTPro models is that using only one unit, you now have the ability to extend four, 8 or 16 sources more than 1,000 feet with only one power supply.

With RS-232 communication support, the Rack-XTPro allows users to send commands to single or multiple devices. Through RS-232 commands, users may control device volume, channel selection, or power on/off the display panel remotely.





Features

- Supports Multiple Screens
- Uses Easy-to-Install CAT5/5e/6/7/8
- Each Output Extends 1,000 Feet Plus
- Supports High-Resolution Video up to 1920x1200
- HDTV-Compatible (720p, 1080i, 1080p)
- 300 MHz Bandwidth
- Sends High-Resolution VGA, Stereo Audio, RS-232 and IR Signals From up to *16 Sources to as Many Display Screens (*Model-Dependant)
- Compatible With VGA, XGA, Sun, Mac and SGI
- Sync Format / Polarity Preservation

- Compatible With Line Level Stereo Audio Signals
- High Ground Loop Immunity
- Built-In Power Surge and Transient Protection
- Designated Trimmer in Remote Unit to Compensate for Cable Length
- Compact Metal Case Enclosure
- External Power Supply
- RS-232 Communication Support to Single/Multiple Displays
- IR Command to Single/Multiple Displays

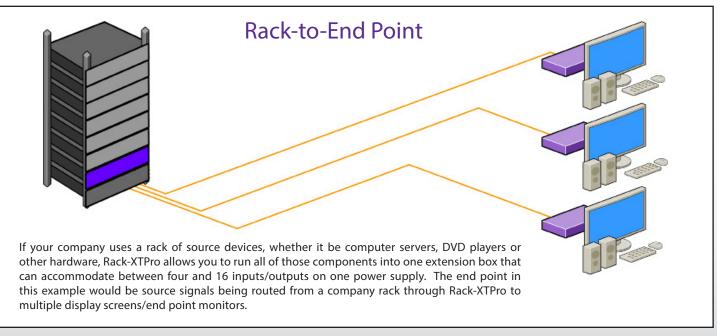
Take Full Control of Your Remote Screens

With Rack-XTPro, you get full RS-232 bi-directional communication to up to 16 remote screens. This gives you the power to access information such as screen logs from your remote locations. You will gain valuable insight into when and how each screen is being used, its effectiveness and how much life is left on your display. You can also send power commands such as On/Off to one or all screens connected to the Rack-XTPro unit. The RS-232 feature saves you time and is cost-effective by better managing and prolonging the life of your digital signage network.

Applications

- Presentations The Rack-XTPro enhances any presentation from commercial products to corporate meetings. It can be used in trade show rooms, board rooms, sales floors and window displays.
- Data Broadcasting Data such as news, stock tickers, sports results and flight information can be broadcast in real-time to multiple monitors.
- Learning and Training Rack-XTPro can be used in educational presentations to multiple locations, in schools and in other training facilities.

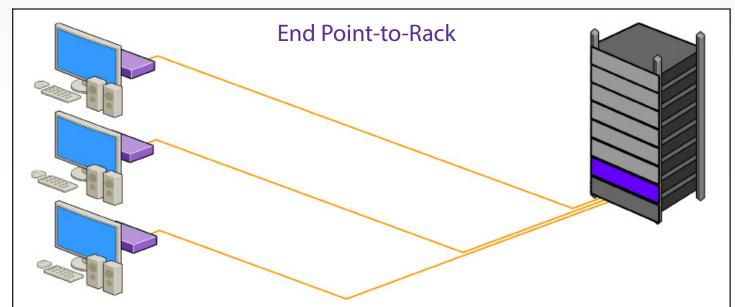
Configuration Examples



Configuration



Companies with multiple source components in one rack, may need to link them to additional servers, receivers, etc. in additional racks within the same building – or perhaps a different location on a campus. Rack-XTPro is configurable to allow such linking of multiple rack units without the burden of numerous extenders for every couple of devices. The example pictured here shows how separate racks of components can be linked via one, clean, and compact extender unit before being broadcast to any end point display.



One of the biggest concerns of management in any company is employee productivity. At any given time, your company may be losing money due to employee abuse of Internet access. A perfect example of an end point-to-rack configuration would be multiple work stations connected to one server for monitoring of computer use by a single user. Of course, work station monitoring also allows for supervisors to see what employees are working on at any given time to evaluate work flow, assist in group projects and help troubleshoot workforce questions from an office or control room.

Customization

At SmartAVI, it is our goal to assist each and every client with a cost-effective, powerful solution for their rack structuring needs. Given the examples above, know that our team is ready to assist you with multiple, mixed and customized configurations using our Rack Series technology and products. There is no project too large or small; let SmartAVI help you design your system layout from start to finish.



Specifications

Rack-XTPro Specifications		
VGA Data		
Format	RGBHV, RGsB, YUV, Y/C, CVBS	
Resolution	Up to 1920 x 1200 VGA, SVGA, XGA, SXGA	
Connector Type	HD 15 socket	
Audio		
Signal Type	Stereo unbalanced	
Connector	3.5 mm jack socket	
RS232		
	DB9M	
	TXD, RXD, Gnd	
	9600bps	
Enviromental		
* Operating temperature: 35° F to 96° F		
* Storage temperature: -20° F to 140° F		
Regulatory Approvals		
* CE, RoHS		
Warranty		
1 Year		
Power		
Power Supply Input	110V-240V	
Dimensions	17.063"L x 3.437"W x 5.312"H	

Ordering Information	
Part No.	Description
RK-XTP-TX4S	UXGA/Audio/RS232/IR RACK 4 ports CAT5 Transmitter
RK-XTP-TX8S	UXGA/Audio/RS232/IR RACK 8 ports CAT5 Transmitter
RK-XTP-TX16S	UXGA/Audio/RS232/IR RACK 16 ports CAT5 Transmitter
RK-XTP-RX4S	UXGA/Audio/RS232/IR RACK 4 ports CAT5 Receiver
RK-XTP-RX8S	UXGA/Audio/RS232/IR RACK 8 ports CAT5 Receiver
RK-XTP-RX16S	UXGA/Audio/RS232/IR RACK 16 ports CAT5 Receiver

End Point Ordering Information	
Part No.	Description
XTP-TXS	UXGA/Audio/RS232/IR CAT5 Transmitter. Includes: [XTP-TX, (CCVGAMM06) & (PS5VDC2A)]
XTP-RXS	UXGA/Audio/RS232/IR CAT5 Receiver. Includes: [XTP-RX & (PS5VDC2A)]





























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