

Mini-XT

VGA Extender with Audio over Cat5e/6



Extend VGA video signals up to 1920x1200 resolution and audio over a single Cat5e/6 cable, up to 1,000 feet

FEATURES

- Up to 1,000 feet of Signal Extension
- Up to 1920x1200 Video resolution
- Internal EDID for Full Support
- Supports Stereo Audio
- Uses Economical Cat5e/6 Cable for Extension
- Supports Adjustable Video Gain Control to Compensate for Distance
- Adjustable Brightness Control to Enhance the Signal Under Long Distance Transmission
- Supports VGA, SVGA, XGA, SXGA and Multisync Monitors
- Complies with Windows, LINUX, Mac OS 8.6/9/10 and SUN Solaris

APPLICATIONS

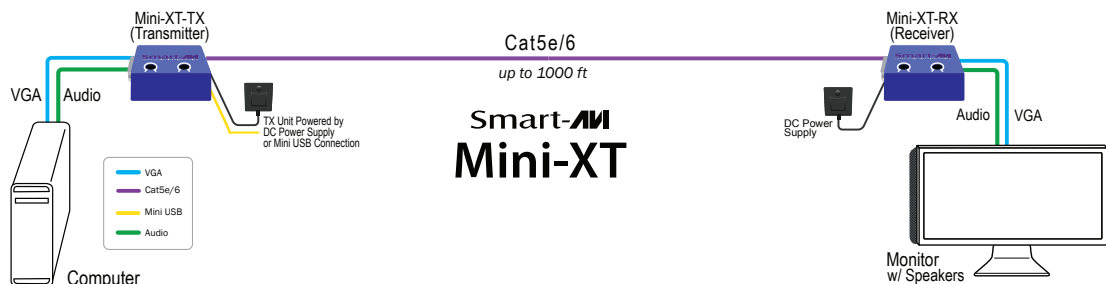
- Corporate or Educational Environments
- Financial Venues with Remote Servers
- Industrial Workstations
- Information Terminals/Kiosks
- Airports (Air Traffic Control/Passenger Info)
- Medical Campuses
- Production Studios



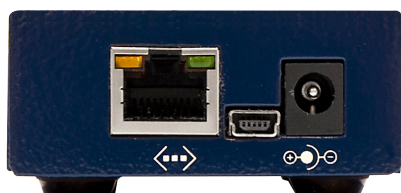
OVERVIEW

The Mini-XT extender provides an affordable and reliable solution to extend VGA video signals with audio over a single Cat5e/6 cable up to 1,000 feet. Users often find the short distances covered by VGA cables to be limiting, and the Mini-XT offers an easy-to-implement workaround to those distance barriers using an inexpensive Cat5e/6 cable. In addition to video resolutions up to 1920x1080, depending on the length of extension, this extender also transmits stereo audio with a 3.5 mm audio jack. Also, the device has adjustable brightness and focus attenuation dials, which give users better control over the video quality. Both the receiver and transmitter require power, and the transmitter can be powered via the Mini USB port.

APPLICATION DIAGRAM



SPECIFICATIONS



Mini-XT Front



Mini-XT Rear

VIDEO	
Video Signal Type	1 VGA
Audio Signal Type	Stereo audio over 3.5 mm jack
Connection Type	1 RJ-45 jack for Cat5e/6 cable
RX Bandwidth	150Mhz -3dB @ 1500V/us
Video Input Level	Typical +/-0.75Vrms
Video Attenuations (RX)	1x Focus, 1x Bright, 1x Ultra Bright Switch
Max Resolution by Distance	1920x1200 - 250 ft; 1600x1200 - 325 ft; 1440x900 - 500 ft; 1280x1024 - 650 ft; 1024x768 - 820 ft; 800x600 - 1,000 ft

AUDIO	
Digital Audio Sample Rate	32Khz 24Bits@256fs
Audio Input Impedance (TX)	10K Ohm
Audio Input Level (TX)	2Vrms (line level)
Audio Bandwidth (RX)	-0.1dB@20Hz, -3dB@126Khz
MECHANICAL	
Power Consumed	300mA (RX), 100mA (TX)
Power Source	DC5V2A (and Mini USB for TX only)
Operating Temps	Operation Temp.: 0-50 degree C Storage Temp.: -20-60 degree C
Humidity	0 - 80%
Dimension	2.55 in (L) x 2.04 in (W) x 1.06 in (H)
Weight	0.55 lbs

ORDERING INFORMATION

Part No.	Description
Mini-XTS	VGA with Audio Extender over Cat5e/6. Includes: [Mini-XT-TX, Mini-XT-RX, 2 x (PS5VD2A-WLLMNT)]
MINI-XT-TXS	VGA with Audio Transmitter over Cat5e/6. Includes: [MINI-XT-TX and PS5VD2A-WLLMNT]
MINI-XT-RXS	VGA with Audio Receiver over Cat5e/6. Includes: [MINI-XT-RX and PS5VD2A-WLLMNT]



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