



CatX Mini VP and AV

CatX Mini VP Tx/Rx (Video and power over Cat5/6 UTP cable)

CatX Mini VP provides a unique solution for transmitting High quality VGA and power over Cat5/6 UTP cable up to **150m**, powered directly from the VGA source.

CatX Mini VP units are Video compatible with **CatX Mini AV** transmitters and receivers.

CatX Mini AV Tx/Rx (Video and audio over Cat5/6 UTP cable)

CatX Mini AV units provide a unique solution for transmitting VGA video and audio over Cat5/6 UTP cable up to **150m**. **CatX Mini AV** receiver units always require an external power supply. All **CatX AV** units are Video compatible with **CatX Mini VP** transmitters and receivers.

Features

CatX Mini VP and AV

Self powered

CatX Mini VP Tx and **Rx** can be completely self-powered.

The **CatX Mini AV Tx** transmitter can also be powered by the VGA source. The **CatX Mini AV Rx** receiver requires an external power supply.

Transmits High resolution VGA up to 150m

The CatX Mini is specifically designed to transmit the video from a VGA source to any VGA video display unit, such as TFT, LCD, Plasma or Projectors up to a distance of 150m.

SVGA output up to 2048 x 1536

Designed to provide a sharp high quality video at up to 1500m, the unit performs best using low cost Cat5 cabling.

Zero foot print

CatX mini units are not much bigger than a VGA connector, and the Transmitter unit is designed to be connected directly to the VGA source. As such they can be easily fitted to both source and output display in environments where space is limited.

High quality Audio (CatX Mini AV only)

High quality audio transmission is also available on **CatX Mini AV** units.

Technical specifications

Product	Connectors
CatX Mini AV Tx	15HD Male, RJ45 with power & Status LED, 1.3mm DC Jack, 3.5mm stereo Jack
CatX Mini AV Rx	15HD female, RJ45 with power & Status LED, 1.3mm DC Jack, 3.5mm stereo Jack
CatX Mini VP Tx	15HD Male, RJ45 with power & Status LED, 1.3mm DC Jack
CatX Mini VP Rx	15HD female, RJ45 with power & Status LED, 1.3mm DC Jack

Resolution	1280x1024	1600x1200	1920x1440	2048x1536
Cat5/6 distance	150m	100m	60m	40m

	CatX Mini AV Tx	CatX Mini AV Rx	CatX Mini VP Tx	CatX Mini VP Rx
Maximum Distance	150m of Cat5/5e/6/7/8 UTP cable			
VGA Video	75 Ohms input/output VGA --- UXGA compatible; 1080P compatible RGBHV, RGSB, YUV, Y/C, CVBS formats supported Separate or composite HV; Horizontal 15-130KHz; Vertical 30-150Hz			
Audio input	Stereo unbalanced, Max. 3.5V p-p		×	×
Audio output	Summed Stereo		×	×
External Power	Optional	5V @ 0.05A	Optional	Optional
Housing (W x L x H)	Chrome plated steel- 34mm x 54mm x 16.5mm			
Operating Temp.	0 - 50 °C non Condensing			

Considerations for Use

CatX Mini VP (Tx and Rx) and **CatX Mini AV (Tx and Rx)** are usually supplied as a pair.

VP and AV units are compatible. **CatX Mini AV Rx** (receivers) always requires a power supply to operate.

All VP and AV units have a 5Volt DC power socket, so that a power supply can be used if required.

Please Note: CatX Mini transmitters and receivers are **NOT** compatible with any other CatX units



Comparison of CatX Mini Tx and Rx with a VGA connector

Company contact details

End Design Ltd
Unit 37 Bookham Industrial Park
Church Road, Bookham, Surrey KT23 3EU
Email: info@kvmswitchdirect.com
Tel: + 44 (0)1372 451345
Fax: +44 (0)1372 450592