

# CATX

View the possibilities

## CatX AVP Range

Cat5/6/7 VGA + Audio extenders  
Point to point and Distribution  
for Digital signage applications



2, 4 and 8 port transmitters  
150m & 300m Dual VGA receivers with a cascade facility  
Span Up to 4000 metres  
Distribute a single VGA source to over 1200 displays

**CatX AVP** transmitters can be configured to broadcast either **Video + Power (VP)** or **Audio + Video (AV)** over Cat5/6/7 UTP cable.

There are three transmitter options:

**CatX AVP Tx2** is a video and audio/power transmitter with **two** CatX outputs up to distances of 300m.

**CatX AVP Tx4** is a video and audio/power transmitter with four CatX outputs up to distances of 300m.

**CatX AVP Tx8** is a video and audio/power transmitter with two banks of four CatX outputs up to distances of 300m. Each bank can be configured for **AV** or **VP**.

There are two receiver options:

**CatX AV Rx2** is a **150m** receiver with a **cascade** option for transmitting to additional AV receivers. A total distance, when multiple CatX AV Rx2 units are cascaded, can be up to **1000m**.

**CatXQ AV Rx2** is a 300m receiver with a cascade option for transmitting to additional AV receivers. This unit includes Skew correction. A total distance, when multiple CatXQ AV Rx2 units are cascaded, can be up to **2000m**.

All AVP transmitters and AV receivers are compatible with CatX Mini transmitters and receivers.

		Maximum distance point to point	Maximum distance Cascaded Receivers	PSU Required	Distance Compensation	Skew Correction	Audio
<b>CatXQ AV Rx2</b>	300m	2000m	✓	✓	✓	✓	
<b>CatX AV Rx2</b>	150m	1000m	✓	✓		✓	
<b>CatX AVP Tx8</b>	300m		✓			✓	
<b>CatX AVP Tx4</b>	300m		✓			✓	
<b>CatX AVP Tx2</b>	300m					✓	

### CatX AVP range

<b>VGA Video</b>	75 Ohms RGB input/output; VGA --- QXGA compatible; 1080P compatible RGBHV, RGSB, YUV, Y/C, CVBS formats supported
<b>Local VGA Output</b>	HD15 Female connector (DDC compliant) - transmitters only
<b>Audio Input</b>	Stereo unbalanced, 3.5V p-p Max.
<b>Audio Output</b>	Summed Stereo
<b>CatX Outputs</b>	RJ45 sockets
<b>Max. Resolution</b>	2048 x 1536
<b>AV/VP Selection</b>	Transmitters only - Select <b>AV</b> for Video + Audio or <b>VP</b> for video + Power output
<b>Housing</b>	All metal casing
<b>Operating Temp.</b>	0 - 40 °C non Condensing

### Resolution and Distance Table

<b>CatX 150m receivers</b>	1024 x 768	1280 x 1024	1600 x 1200	1920 x 1440	2048 x 1536
<b>CatX 300m receivers</b>	150m	150m	100m	60m	40m
	300m	300m	220m	150m	100m

