

## Wizard Multimedia Extenders Plus

Distribute crisp, high-impact video, CD quality audio and transparent RS-232 from a single PC to 64 displays up to 300m away.



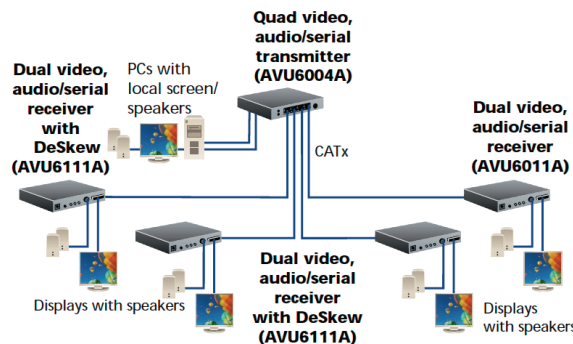
## FEATURES

- » Distribute crisp, high-impact video, CD-quality audio and transparent RS-232/V.24 from a single PC to 64 displays up to 300 metres away.
- » Supports resolutions up to 1920 x 1200.
- » Image compensation for crystal clear video and audio to 300 metres.
- » RS-232/V.24 connectivity enabling control of individual or multiple displays.
- » Scalable up to 64 outputs.
- » Ideal for digital signage applications in retail outlets, airports, corporate environments and more.



AVU6010A  
(Wizard Multimedia  
Extender Plus)

## Application



## OVERVIEW

Optimised for digital signage applications, the Wizard Multimedia Extenders Plus enable you to deliver your A/V content to the most profitable locations without compromising on signal quality. These compact and robust units transmit VGA resolutions up to 1920 x 1200 along with stereo audio and RS-232/V.24 control up to 300 metres over CATx infrastructure cable.

Display management software is included with the transmitter units, giving you total control of your displays via the RS-232/V.24 port. This allows for bidirectional and automated communications with individual displays or groups of displays at the same time.

With single-, 4- and 8-port transmitter options and support for up to 64 screens, this extender family enables you to build a tailored solution to fit your application. Along with our effective video equalisation and skew compensation options, this ensures a crystal-clear picture on every display.

### AVU6010A, AVU6001A and AVU6011A

The AVU6010A kit provides a single transmitter (AVU6001A) and Receiver (AVU6011A) capable of extending video, audio and RS-232/V.24 control over a single CATx cable to two remote displays.

### AVU6004A, AVU6008A and AVU6111A

The AVU6004A and AVU6008A transmitters and AVU6111A receiver can be used to create solutions supporting 4 to 64 displays. The AVU6004A drives up to 4 receivers and the AVU6008A drives up to 8 receivers. You can cascade transmitters via their local VGA, audio and RS-232/V.24 ports up to three levels, supporting a total of 64 displays on 32 separate CATx branches. Each receiver supports two remote displays with audio and RS-232/V.24 control. In addition to brightness and sharpness adjustments, the AVU6111A also has skew compensation built-in so you can optimise the displayed image to suit your cable type and length.

## TECH SPECS

### Resolution —

1920 x 1200 @ 60Hz at 150 m;  
1600 x 1280 @ 60 Hz at 200 m;  
1280 x 1024 @ 60 Hz at 300 m

### Connectors —

Video In/Out:

AVU6001A, AVU6004A, AVU6008A: HD15 (F);  
AVU6011A, AVU6111A: 2 x HD15 (F)

Audio In/Out:

AVU6001A, AVU6004A, AVU6008A: 3.5 mm audio jack;  
AVU6011A, AVU6111A: 2 x 3.5 mm audio jack

RS-232/V.24 in:

AVU6001A, AVU6004A, AVU6008A: DB9F  
AVU6011A, AVU6111A: n/a

RS-232/V.24 out:

DB9M\*

CATx:

AVU6001A, AVU6011A, AVU6111A: 1 x RJ-45;  
AVU6004A: 4 x RJ-45 connector,  
AVU6008A: 8 x RJ-45 connector

### Power —

100-240 VAC, 50/60Hz 2.5 mm DC jack

### Size —

AVU6001A, AVU6011A, AVU6111A:

9.8H x 9.5W x 2.5D cm;

AVU6004A, AVU6008A:

18.5H x 9.5W x 5.1D cm

\* AVU6011A and AVU6111A units only have a single RS-232/V.24 interface, optional cable supplies connection to two screens.

## Item

## Code

Wizard Multimedia Extenders Plus	
Extender Kit Standard AVU6001A plus AVU6011A)	AVU6010A
Transmitters	
Single Video, stereo audio plus RS-232/V.24	AVU6001A
Quad Video, stereo audio plus RS-232/V.24	AVU6004A
8-way Video, stereo audio plus RS-232/V.24	AVU6008A
Receivers	
Dual Video, stereo audio plus RS-232/V.24	AVU6011A
Dual Video, stereo audio plus RS-232/V.24 and DeSkew	AVU6111A
Options	
RS232/V.24 Y-cable for AVU6011A, AVU6111A	AVU6S