

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.



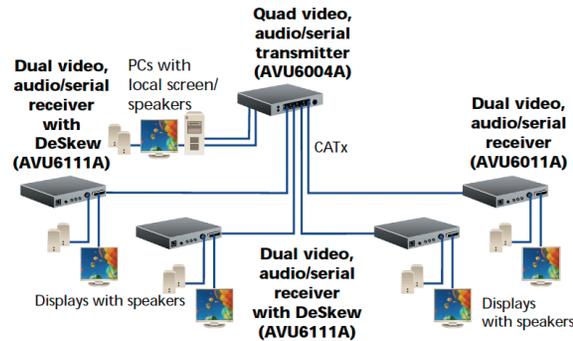
FEATURES

- » 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