Wizard SRX DVI Extender USB

Single-Link DVI-D, transparent USB, and audio extension over a single CAT6/7 cable.
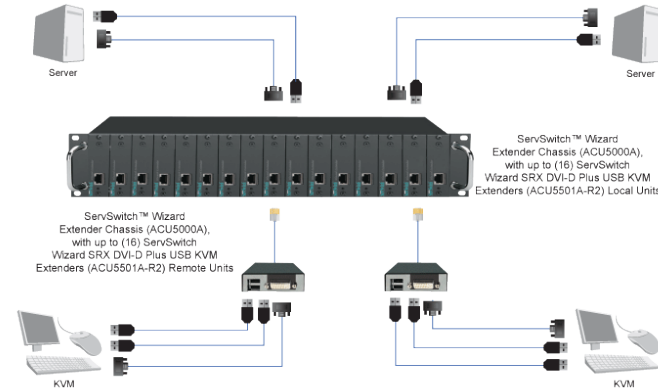
FEATURES

» Full resolution range up to 1080p / 1920 x 1200.
» No compression, no delay of video data.
» Distance of up to 50m with full resolution.
» Transparent USB support up to 12 Mbps.
» 256 byte EDID read and store for best plug-and-play functionality.
» Automatic video compensation.
» Choose from single or dual video models.
» Embedded digital audio.
» Separate analog audio.

Wizard SRX DVI
Extender UBS
(ACU5502A-R3)

Application

OVERVIEW

When less is more!

More room and flexibility, less clutter — the Wizard DVI SRX Revision uses only one single CAT6 cable or higher to extend peripheral signals and uncompressed Single-Link DVI-D video up to 50 metres at full 1920 x 1200 resolution. The dual head model requires a second CATx cable to extend the two video channel. The improved video compensation with the Wizard SRX supports now also CAT7 cables like Uniflex 7702 or Multimedia Draka UC900.

USB HID

True USB emulation allows you to attach a wide variety of feature rich USB devices with full support of their extended functions (e.g. touchscreens WACOM tablets and more).

Transparent USB

The extender additionally supports two transparent USB channels with 12 Mbps allowing you to expand your system with USB 1.1 devices as well as USB 2.0 devices being downwards compatible with USB 1.1.

256 byte DDC read and store

The Wizard SRX DVI reads the EDID from the attached screen via the DDC channel and stores it in the local unit's memory to mirror the remote screen, so the graphics card can function properly.

CD quality audio extension

The dual head Wizard SRX (ACU5502A-R3) has two audio extension ports (stereo channel 16 bit audio ports sampled at 44.1KHz -CD quality) to transfer audio from local to remote for a line out / headphone use case.

Interface-powered local unit

The local unit of the Wizard SRX DVI can be interface powered if the attached PC outputs are a maximum of 500 mA. If not, the spare 5 VDC power supply (PS649-R3) can be used.

19" rack mounting

Due to its small form factor, it mounts nicely into the 2U 19" Wizard frame (ACU5000A). Up to 16 single-head or up to 8 dual-head local or remote units can be mounted that way.

What´s included

✦ (1) Transmitter unit
✦ (1) Receiver unit, USB and DVI-D + Audio Cables to CPU
✦ (1) Power supply
✦ (1) Power cord IEC320
✦ (1) DVI cable
✦ (1) USB cable
✦ (1) User manual on CD

TECH SPECS

Resolution (Maximum) —
    1080p / 1920 x 1200 @ 60 Hz
Connectors —
    ACU5501A-R4:
        Local unit: (1) USB Type B F; (1) DVI-D F, (1) RJ-45 F (Link),
        (1) 3.5 mm audio jack, (1) Power jack (for optional power supply)
        Remote Unit: (4) USB Type A F; (1) DVI-I D F, (1) RJ-45 F (Link),
        (1) 3.5 mm audio jack, (1) Power jack
    ACU5502A-R3:
        Local unit: (2) USB Type B F; (2) DVI-D F, (2) RJ-45 F (Link)
        (1) Power jack (for optional power supply), (2) 3.5 mm stereo audio jack
        Remote Unit: (4) USB Type A F; (2) DVI-I D F, (2) RJ-45 F (Link),
        (1) Power jack, (2) 3.5 mm stereo audio jack
Power —
    90 to 240 VAC, 47 to 63 Hz, autosensing, external,
    with IEC 320 connector and cord
Size —
    ACU5501A-R4: 2.6H x 7.5W x 12.5D cm
    ACU5502A-R3: 5.2H x 7.5W x 12.5D cm

Item	Code
Wizard SRX DVI Extender USB	
Single DVI, Audio	**ACU5501A-R4**
Dual DVI-D, Audio	**ACU5502A-R3**
You may also need…	
19" Rack Kit for up to 16 units	**ACU5000A**
IEC Power Supply - 5 VDC	**PS649-R3**

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