Hazardous Area KVM Extender (U8-CID2)
Suitable for Use in Division 2 / Zone 2 Hazardous Environments

Features
- Digital Like Video Up to 300 Meters
- Local Feed Through Port
  A local feed through port is provided for audio and video so a local console can be used.
- USB Powered Transmitter
- Dual User Configuration
  Two units can be linked to a single computer so two users can access the system.
- Emulated Two Page DDC EDID
- USB Support
  The receiver unit has a built in 4 port USB hub to enable a complete desktop to be located remotely.
- Audio
  Audio transmission delivers CD quality stereo audio for speakers.

Specifications

Video resolutions
All resolutions up to 1920x1200 @60Hz, including 1600x1200, 1080p, 1680x1050

Extension distance
- 200 meters using CAT5 Trunk cable
- 250 meters using CAT5e Trunk cable
- 300 meters using CAT6 Trunk cable
- 300 meters using CAT7 Trunk cable
- 200 meters using CAT7a Patch cable

Skew compensation
62ns de-skew with 2ns resolution (1/4 pixel at 1600x1200)

USB devices supported
Supports all USB 1.1 devices (full speed and low speed modes) and USB 2.0 devices that will run in low speed or full speed USB 1.1 modes

O/S compatibility
All known software and operating systems including Windows (all), DOS, Linux, Unix, BSD, Sun OS, Solaris, Mac OS, NetWare etc

Connectors (local computer-end unit)
- 1 x USB type B connector, 2 x 15-pin high-density D-type female connector (blue), 2 x 3.5mm audio jack (light green), 1 x RJ45. 1 x 2.5mm DC jack for optional power adapter (only required for video only applications)

Audio (end to end)
2 channel 16 bit Audio @ 44.1 KHz

THD+N
typically -80dB at 1kHz

SNR
typically 85dB at 1kHz

Connectors (remote console-end unit)
- 4 x USB type A connectors, 1 x 15-pin high-density D type female connector (blue), 1 x 3.5mm audio jack (light green), 1 x RJ45. 1 x 2.5mm DC jack for power adapter.

Physical (Local and Remote units)
Remote -162mm x 26mm x 75mm, 430g
Local - 122mm x 26mm x 75mm, 350g
Fits into one slot width in the X-Series rack mount chassis (16 units fit into 2U of rack space)

Power supply
100 - 240VAC, 50/60Hz input – 5V, -12W output

Operating temperature
0ºC to 40º / 32ºF to 104ºF

Approvals
CE, FCC class A, Class I Division 2 / Zone 2 (when installed in a Strongarm typed enclosure or system)
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Specifications

Video resolutions and Extension Distances
- 1920x1200 @60Hz using CAT7 up to 50m
- 1920x1200 @60Hz using CAT6a up to 50m
- 1680x1020 @60Hz using CAT5e up to 50m
- 1920x1200 @60Hz using CAT7 up to 40m (with 2 patches)

USB devices supported
Supports all USB 2.0 devices low and full speed devices

O/S compatibility
All known software and operating systems including Windows (all), DOS, Linux, Unix, BSD, Sun OS, Solaris, Mac OS, NetWare etc

Connector (Remote)
DVI-D, Audio 3.5 mm, USB type B

Connector (Local)
DVI-D, Audio 3.5 mm, (4) USB type A

Audio (end to end)
8 channel 16, 20, or 24 bit Audio @ 32 KHz, 44.1 KHz, 48 KHz, 88.2 KHz, 96 KHz, 176.4 KHz, or 192 KHz

Physical (Local and Remote units)
120mm x 26mm x 75mm, 320g

Power supply
100 - 240VAC, 50/60Hz input – 5V, -12.5W output
Optional 2.5 mm SC jack (power adapter not included)

Operating temperature
0ºC to 40º / 32ºF to 104ºF

Approvals
CE, FCC, Class I Division 2 / Zone 2 (when installed in a Strongarm typed enclosure or system)