

DATA SHEET

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	0°C to 40° / 32°F to 104°F
Approvals	CE, FCC class A, Class I Division 2 / Zone 2 (when installed in a Strongarm typed enclosure or system)

DATA SHEET

Hazardous Area KVM Extender (V8-CID2)

Suitable for Use in Division 2 / Zone 2 Hazardous Environments

Features

- Digital like video
- 50 Meters Over a Single CATx Cable
- USB 2.0 Connectivity
- Analog/Digital Audio
Stereo CD quality (stereo channel 16 bit sampled at 44.1 kHz) and 8 channel HDMI audio
- Plug and Play
- Built to Last



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	0°C to 40° / 32°F to 104°F
Approvals	CE, FCC, Class I Division 2 / Zone 2 (when installed in a Strongarm typed enclosure or system)