



An ADDERView Matrix C100 Series ZeroU™ IP KVM dongle for extension and matrix of video, audio and USB over a single cable.

The ADDERView Matrix C110 DP is a ZeroU™ Computer Access Module (CAM) with a DisplayPort connector to enable computer systems to be attached to an ADDERView Matrix KVM system.

ADDERView® Matrix C110 (DisplayPort)

ZeroU™ Form Factor

The ADDERView Matrix C100 Series takes ZeroU of rack space in the server room allowing for ultimate flexibility and ease of installation.

USB 2.0 with Class Control

Supports USB devices including graphics tablets, jog shuttles, joysticks, card readers and 3D explorers, alongside mass storage devices. The system can disable types of devices.

Support for Dithered Video

Allows dithered analog or noisy video to pass through the system. Some Mac computers use this technique.

USB Powered

Using less than 3 Watts, the device can be powered from USB. This means there is no need for an external PSU. Options for powering from an external PSU or redundant PSU are also available.

Perfect Digital Video in Real-Time

Using a spatially-lossless encoding system, with 1:1 pixel mapping, the device provides pixel-perfect and color accurate video with no artifacts.

EDID Management

Intelligent EDID management allows either the true characteristics of the monitor to be passed back to the computer or a fixed one.



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Digital Audio

The system can deliver USB stereo audio (bi-directional) or embedded video standard stereo audio (uni-directional).

Plug and Play

ADDERView Matrix devices are delivered in a zero config state so you can plug them in and start working on them straight away. There is no need for drivers or software to be installed.

| Video Information (1 Screen) | |
|-------------------------------------|--|
| Maximum Resolution (1 Screen) | 2560 x 1600 |
| Frame Rate (1 Screen) | 60 |
| Color Depth (1 Screen) | 8 bpc |
| Computer Connections | |
| USB A | 2x 2.0, True Emulation,Full Speed,Low Speed,High Speed |
| Full Size DisplayPort | 1x 1.1 (dual mode) |
| Link Ports | |
| 8p8c (RJ45) | 1x |
| Audio Connections | |
| Audio Type | Digital |
| Channels | 2x |
| Audio Direction | Bi-directional |
| Audio Additional Information | Digital Audio 2 channel linear PCM |
| Size (bit) | 16 |
| Speed (kHz) | 48 |
| Audio In Port | 1x USB |
| Cable Requirements | |
| CAT5e and above | 100m / 328ft |
| Network Support | |
| Bandwidth | 1GbE |
| 10/100 Support | No |
| Environmental | |
| Operating Temperature Range °C / °F | 0 to 50 °C / 32 to 122 °F |
| Storage Temperature °C / °F Range | 0 to 50 °C / 32 to 122 °F |
| Operating Humidity (%) | 10% - 90% (non-condensing) |
| Storage Humidity (%) | 10% - 90% (non-condensing) |
| Altitude m/ft | 2,000 / 6562 |
| Mean Time Between Failure (MTBF) | 868,000 |
| MTBF Standard | Telcordia SR332 Issue 4 March 2016 Calculated @ 55C |
| Temperature Regulation | Fanless |
| Power Source | |

| | |
|------------------------------|---|
| USB powered | 2x |
| 5V | 1x |
| Power Additional Information | USB power: 2x USB2.0 (2x 500mA @5V) 5W• External power: 5VDC, 1A, (LPS) |
| Power Consumption | |
| Maximum Power (Watts) | 5 |
| Typical Power (Watts) | 3 |
| Physical Design | |
| Construction Material | ABS and aluminum construction |
| U size | 0 |
| Width (mm) / (in.) | 55 / 2.2 |
| Height (mm) / (in.) | 25 / 1 |
| Depth (mm) / (in.) | 110 / 4.3 |
| Flying Lead Length (mm) | 300 |
| Weight (kg) / (lb) | 0.2 / 0.4 |
| Compatibility | |
| OS Compatibility | All known operating systems |
| System Requirements | Requires source to be DisplayPort Dual-Mode (DP++) compliant |
| Approvals and Standards | |
| Approvals | CE, cULus - E476334, FCC, ICES, KC, RCM, UKCA |
| Standards | ANSI 63.4, EN55032 /CISPR 32, EN55035/CISPR 35, EN63000, FCC pt15B, ICES003 |
| Other | Cal Prop 65, China ROHS, EU REACH, UK REACH |
| Packing Box | |
| Length (mm) / (in.) | 292 / 11.5 |
| Width (mm) / (in.) | 245 / 9.6 |
| Depth (mm) / (in.) | 55 / 2.2 |
| Weight (kg) / (lb) | 0.5 / 1.1 |



ADDERView® Matrix C110 (DisplayPort)

What's in the Box?

1x ADDERView Matrix C110 Computer Access Module (DisplayPort)

1x Quick start guide

Ordering Information

AVM-C110-CAM-DP

AVM C110 Computer Access Module (DisplayPort)

Related Accessories (Sold Separately)

ADDER® Power Supply Unit 5volt DC 2.5A

ADDER® PSU RED PRO 12V to 5V DC converter

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