



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)

Matrix

### Features



#### 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 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.



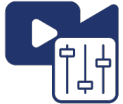
#### USB 2.0 with Class Control

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.



#### 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.



### **Support for Dithered Video**

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



### **EDID Management**

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



### **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.

<b>Video Information (1 Screen)</b>	
Maximum Resolution (1 Screen)	2560 x 1600
Frame Rate (1 Screen)	60
Color Depth (1 Screen)	8 bpc
<b>Computer Connections</b>	
USB A	2x 2.0, True Emulation,Full Speed,Low Speed,High Speed
Full Size DisplayPort	1x 1.1 (dual mode)
<b>Link Ports</b>	
8p8c (RJ45)	1x
<b>Audio Connections</b>	
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
<b>Cable Requirements</b>	
CAT5e and above	100m / 328ft
<b>Network Support</b>	
Bandwidth	1GbE
10/100 Support	No
<b>Environmental</b>	
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
<b>Power Source</b>	

USB powered	2x
5V	1x
Power Additional Information	USB power: 2x USB2.0 (2x 500mA @5V) 5W• External power: 5VDC, 1A, (LPS)
<b>Power Consumption</b>	
Maximum Power (Watts)	5
Typical Power (Watts)	3
<b>Physical Design</b>	
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
<b>Compatibility</b>	
OS Compatibility	All known operating systems
System Requirements	Requires source to be DisplayPort Dual-Mode (DP++) compliant
<b>Approvals and Standards</b>	
Approvals	CE, cULus - E476334, FCC, ICES, KC, 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
<b>Packing Box</b>	
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



### 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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