





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 connecter 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 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.

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

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

1GbE Power over Ethernet Splitter 12W

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