



**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 (HDMI) is a ZeroU™ Computer Access Module (CAM) with a HDMI connector to enable computer systems to be attached to an ADDERView KVM system.

## ADDERView® Matrix C110 (HDMI)

### 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.



## ADDER® ADDERView® Matrix C110 (HDMI)



### 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
HDMI®	1x

## Link Ports

8p8c (RJ45)	1x
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## 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
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## 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)	836,000
MTBF Standard	Telcordia SR332 Issue 4 March 2016 Calculated @ 55C
Temperature Regulation	Fanless

## Power Source

USB powered	2x
5V	1x
<b>Power Additional Information</b>	USB power: 2x USB2.0 (2x 500mA @5V) 5W• External power: 5VDC, 1A, (LPS)

<b>Power Consumption</b>	
<b>Maximum Power (Watts)</b>	5
<b>Typical Power (Watts)</b>	3

<b>Physical Design</b>	
<b>Construction Material</b>	ABS and aluminum construction
<b>Width (mm) / (in.)</b>	55 / 2.2
<b>Height (mm) / (in.)</b>	25 / 1
<b>Depth (mm) / (in.)</b>	110 / 4.3
<b>Flying Lead Length (mm)</b>	300
<b>Weight (kg) / (lb)</b>	0.2 / 0.4

<b>Compatibility</b>	
<b>OS Compatibility</b>	All known operating systems
<b>System Requirements</b>	Does not support HDCP or CEC control

<b>Approvals and Standards</b>	
<b>Approvals</b>	CE, cULus - E476334, FCC, ICES, KC, RCM, UKCA
<b>Standards</b>	ANSI 63.4, EN55032 /CISPR 32, EN55035/CISPR 35, EN63000, FCC pt15B, ICES003
<b>Other</b>	Cal Prop 65, China ROHS, EU REACH, UK REACH

<b>Packing Box</b>	
<b>Length (mm) / (in.)</b>	292 / 11.5
<b>Width (mm) / (in.)</b>	245 / 9.6
<b>Depth (mm) / (in.)</b>	55 / 2.2
<b>Weight (kg) / (lb)</b>	0.5 / 1.1



ADDERView® Matrix C110 (HDMI)

#### What's in the Box?

1x ADDERView Matrix C110 Computer Access Module (HDMI)

1x Quick start guide

#### Ordering Information

AVM-C110-CAM-HM

AVM-C110 Series Computer access module HDMI

#### 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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