ADDERView® Matrix C110 (HDMI)

Matrix

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 connecter to enable computer systems to be attached to an ADDERView KVM system.

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.
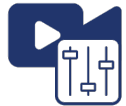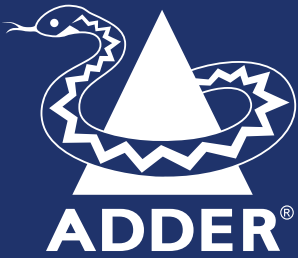
USB 2.0 with Class Control
Supports USB devices including graphics tablets, jog shuttles, joysticks, card readers and 3D explorers, alongside mass storage devices. The system can disable types of devices.

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.

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

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	100 / 328.1

Network Support	
Bandwidth	1GbE
10/100 Support	No

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
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	Does not support HDCP or CEC control
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 (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	