ADDERView® Matrix C1100 User Station

Matrix

A single video head User Station (USR) for extension and matrix of video, audio and USB over a single cable.

Part of the ADDERView Matrix C1000 Series, the ADDERView Matrix C1100 USR enables the use of standard infrastructure to extend the user away from the computer equipment and infrastructure.

Features

Flexible and Scalable

Each ADDERView Matrix C1100 USR is the master controller of its own matrix and can have up to 16 sources programmed into its target list. A Computer Access Module (CAM) can connect to up to 256 different user stations.

Fast Video and USB Switching

The switching time between computers is less than one second to provide a high quality user experience. Switching can be achieved by using an On Screen Display (OSD) or by Hotkeys from a keyboard or external device.

Unlimited Extension Distances

Extension distance is not limited to a single 100 meter cable length. If you need to extend further, the unit is fitted with an SFP cage to accept fiber optic transceivers for much greater distances.

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. The digital video received is the same as the digital video leaving the remote computer.

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, meaning there is no need to physically block USB ports.

Digital Audio

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

Sharing and Collaboration

The system allows any user station to connect to any computer access module so different users can share a resource at the same time.

2k Resolution Support

The ADDERView Matrix C1100 supports up to 2560 x 1600@60 Hz resolutions and can also support 1920 x 1200 up to 120Hz

EDID Management

Intelligent EDID management allows either the true characteristics of the monitor to be passed back to the computer or a fixed one. This ensures perfect video display without additional configuration.

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
Console Connections	
USB A	4x 2.0, True Emulation,Full Speed,Low Speed,High Speed
Full Size DisplayPort	
Link Ports	
8p8c (RJ45)	1x
SFP	1x
Audio Connections	
Audio Type	Analog/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
Audio Out Port	1x 3.5mm jack
Cable Requirements	
CAT5e and above	100 / 328.1
Network Support	
Bandwidth	1GbE
10/100 Support	No
Power Source	
12V 3-pin	1x
Input Power Supply	External Power Supply Unit (see manual)
Power Consumption	
Maximum Power (Watts)	18
Typical Power (Watts)	7
Physical Design	
Construction Material	Robust metal construction
U size	1

Width (mm) / (in.)	186 / 7.3
Height (mm) / (in.)	39 / 1.5
Depth (mm) / (in.)	150 / 5.9
Weight (kg) / (lb)	1.1 / 2.4

What's in the Box?
1x ADDERView Matrix C1100 User Station
1x PSU-IEC-12VDC-1.5A: Mains power supply
1x IEC PSU cable of country code

Ordering Information	
AVM-C1100-USR	ADDERView Matrix C1100 User Station

Related Accessories (Sold Separately)
ADDER® Rackmount Kit RMK15
Blanking plate for RMK15
ADDER® SFP-SM-LC
ADDER® SFP-MM-LC
ADDER® VSCD19 DisplayPort™ v1.2 to HDMI® cable

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