Vertiv™ Avocent® MultiViewer

Simultaneously view up to 8 separate computers on a single display

VERTIV.

Overview

Features

- Universal video connectors - Supports either HDMI or DP on the same physical video input ports (DVI-D supported with HDMI-to-DVI-D cable)

- Native video supports up to UHD 4K at 30 Hz

- Flexible screen/window layout options with zero lag

- Secure KVM switching allows for instantaneous interaction with multiple computers from different security classifications on a single or dual display

- Cursor Navigation Switching (CNS) seamlessly transitions keyboard and mouse control between computers when moving the cursor across screen borders

- Touch screen support

- Switched USB accessory port for mass storage devices, cameras, printers, etc.

- Eliminates the need for multiple hardware resources, such as monitors, keyboards, mice, and cables

- Ease of setup and use

How It Works

Vertiv™ Avocent® MultiViewer KVM is ideal for environments where monitoring and managing of multiple active computers. The MultiViewer's window management capabilities allow for greater ease of use. Through Cursor Navigation Switching (CNS), users have the flexibility to manage and monitor their data by simply moving their mouse across window borders.

Offering a dual head output, the MultiViewer enables the user to monitor up to 4 or 8 computers on dual displays.

Flexibility

The Vertiv Avocent MultiViewer provides users flexibility when it comes to video connection and peripheral control.

- Universal Video Port – Supports DP, HDMI or DVI-D connections

- Freeze USB Accessory Channel – Independently locks USB accessory channel to a specific computer

- Freeze Audio Channel – Independently locks the audio channel to a computer

- MultiViewer Cascading – Control and view content from many sources in a cascading mode

Benefits

- View information on a single or dual display from multiple, isolated computers

- Dual head display capabilities give the user visibility to data on two monitors in duplicate or extended screen mode

- Provides flexible multiple screen layout options for users; Tile, Scale, PIP or custom

- Universal video input connectors to support DP and HDMI ports (DVI-D supported with HDMI-to-DVI-D cable)

- Enhances ability to multitask by keeping multiple critical systems in the user's field of vision

Technical Specifications

Switch Models	SVMV240DPH	SVMV280DPH
Computers		
Ports	4	8
Video Type	1 x DP / HDMI universal port	1 x DP / HDMI universal port
Max resolution	UHD 4K (3840x2160) @ 30Hz	UHD 4K (3840x2160) @ 30Hz
Keyboard and Mouse	1 x USB 2.0 Type B	1 x USB 2.0 Type B
USB Accessory	1 x USB 3.0 Type B	1 x USB 2.0 Type B
Analog Audio	3.5mm Speaker & 3.5mm Microphone	3.5mm Speaker
Console		
Video Type	2 x HDMI	2 x DP/HDMI Universal port
Keyboard and mouse	2 x USB 2.0 Type A	2 x USB 2.0 Type A
USB Accessory	3 x USB 3.0 Type A	1 x USB 2.0 Type A
Analog Audio	3.5mm Speaker & 3.5mm Microphone	3.5mm Speaker
Physical		
Dimensions (WxDxH)	13.7 x 5.0 x 1.7 in 348 x 127 x 43 mm	17.4 x 7.2 x 2.6 in 442 x 183 x 66 mm
Weight	33.5 lbs / 1.6 Kg	8.2 lbs / 3.7 Kg
Mounting Option	Desk Mount - DMK-09	Rack Mount Included
Environmental Conditions		
Operating Temperature	0 to 40C / 32 to 104 F	0 to 40C / 32 to 104 F
Storage Temperature	-20 to 60C / -4 to 140 F	-20 to 60C / -4 to 140 F
Humidity	0 to 80% RH, non-condensing	0 to 80% RH, non-condensing
Electrical Power		
AC Input Voltage	100 – 240V AC	100 – 240V AC
Power Supplies	1 x internal	1 x internal
Power Connector	IEC320 C14 to IEC320 C13 power cord (6 foot), with user interchangeable C14 to localized socket plugs	IEC320 C14 to IEC320 C13 power cord (6 foot), with user interchangeable C14 to localized socket plugs
Regulatory		
Regulatory Certifications	NIAP Protection Profile for Peripheral Sharing Device v. 4.0 Evaluation Assurance Level (EAL) 4+	
Standard Product Warranty	FCC class B, CE, TUV US, TUV Canada, RCM, VCCI	
Design & Assembly		

Note: A DVI-D computer or console display may be connected using an HDMI-to-DVI-D cable (see accessories below)

Computer Cables

Computer Video	Video Type	Length (ft/m)	Single Head	Dual Head
DP	DP-to-DP	6 / 1.8	CBL0122	CBL0124
		10 / 3.0	CBL0123	CBL0125
Mini DP	mDP-to-DP	10 / 3.0	CBL0198	CBL0199
HDMI	HDMI-to-HDMI	6 / 1.8	CBL0126	CBL0128
		10 / 3.0	CBL0127	CBL0129
DVI-D	HDMI-to-DVI-D	10 / 3.0	CBL0196	CBL0197

Note: USB Accessory requires separate USB 2.0 or USB 3.0 extension cable.

Console Video Only Cables (6ft / 1.8m)

Display Video	Cable Type	Display Video
DP	DP-to-DP	CBL0188
HDMI	HDMI-to-HDMI	CBL0189
DVI-D	HDMI-to-DVI-D (DVI-D display to HDMI KVM)	CBL0191

Accessories

Part Number	Description	Display Video
USBCKVMSHNP	10ft USB-C (PC) to Single Display DP (KVM) adapter cable +ETH +PWR	Connect USB-C single-head computer to MultiViewer KVM
USBCKVMDHNP	10ft USB-C (PC) to Dual Display DP (KVM) adapter cable +ETH +PWR	Connect USB-C dual-head computer to MultiViewer KVM
AFP0004	4-Port Remote Active Front Panel	Remotely select computer ports on SVMV240DPH
AFP0008	8-Port Remote Active Front Panel	Remotely select computer ports on SVMV280DPH
AFPSPLITTER	AFP cable Splitter adapter for SCMV2160DPH	Connect 2 AFP0008 to SCMV2160DPH RCU port to remotely select computer ports

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