Vertiv™ Avocent® Desktop Matrix

Unique Switching Solutions to Simultaneously Display Two Active Computers

Features

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

- Native video supports up to UHD 4K at 60 Hz

- KVM switching allows for instantaneous interaction with two computers

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

- Touch screen support

- Switched USB 3.0 hub for mass storage devices, cameras, printers, etc. One port is a high-power port to charge USB devices such as phones or tablets

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

- Ease of setup and use

- Managed copy and paste allows users to copy text or files between connected computers

The Vertiv™ Avocent® SVM Desktop Matrix switch is ideal for environments where monitoring and managing of two active computers is required. Through Cursor Navigation Switching (CNS), users have the flexibility to manage and monitor their data by simply moving their mouse across window borders.

The Avocent SVM Desktop Matrix switch comes with universal video connectors that support both DP and HDMI video connectivity. Furthermore, the USB 3.0 accessory ports make it easy for users to connect to external USB devices.

Ordering Details

Computer Cables

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

Note: USB Accessory requires separate USB 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	Usage
USBCKVMSHNP	10ft USB-C (PC) to Single Display DP (KVM) adapter cable +ETH +PWR	Connect USB-C single head computer to Desktop Matrix KVM
USBCKVMDHNP	10ft USB-C (PC) to Dual Display DP (KVM) adapter cable +ETH +PWR	Connect USB-C dual head computer to Desktop Matrix KVM
AFP0004	4-Port Remote Active Front Panel	Use with AFPSPLITTER to remotely select primary and secondary computer ports on 4-port Desktop Matrix
AFP0008	8-port Remote Active Front Panel	Use with AFPSPLITTER to remotely select primary and secondary computer ports on 8-port Desktop Matrix
AFPSPLITTER	AFP cable Splitter adapter for Desktop Matrix	Connect 2 AFP Remote Switch Panels to Desktop Matrix RCU port for independent remote control of primary and secondary displays

Benefits & Flexibility

Benefits

- View information on two isolated computers simultaneously

- Universal video connectors tosupport DP and HDMI (DVI-Dsupported with HDMI-to-DVI-Dcable)

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

- Eliminates the need for multiple peripheral devices

- Alleviate workspace clutter

- Access up to 8 computers using a single keyboard, mouse and display

Flexibility

- Universal video port supports DVI-D,DP or HDMI connections

- Freeze USB 3.0 accessory port enablesuser to lock USB 3.0 devices to a specific computer

- Freeze audio channel independently locks the audio channel to a specific computer

Technical Specifications

3.0 lbs / 1.5 Kg	SVM140DPH	SVM180DPH
Ports	4	8
Video Type	1 x DP / HDMI universal port Max resolution	
Max resolution	UHD 4K (3840x2160) @ 60Hz	
Keyboard and mouse	1 x USB 2.0 Type B	
DPP	1 x USB 3.0 Type B	
Analog Audio	3.5mm speaker & 3.5mm microphone	3.5mm speaker
Console		
Video Type	2 x DP/HDMI Universal port	
Keyboard and mouse	2 x USB 2.0 Type A	
USB Accessory Port	2 x USB 3.0 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	17.3 x 7.3 x 1.7 in 439 x 185 x 43 mm
Weight	3.0 lbs / 1.5 Kg	5.4 lbs / 2.5 Kg
Mounting Option	Desk Mount - DMK-09	Rack Mount Included
Environmental Conditions		
Operating Temperature	0 to 40C / 32 to 104 F	
Storage Temperature	-20 to 60C / -4 to 140 F	
Humidity	0 to 80% RH, non-condensing	
Electrical Power		
AC Input Voltage	100 – 240V AC	
Power Supplies	1 x external, 2.5A Max	1 x internal, 45W Max
Power Connector	Wall-mounted power supply with user-interchangeable localized plug blades.	IEC320 C14 to IEC320 C13 power cord (6 foot), with user interchangeable C14 to localized socket plugs
Regulatory		
Regulatory Certifications	CE, TUV US, TUV Canada, RCM, VCCI, FCC class A	
Standard Product Warranty	2 Years; additional warranty terms available	
Design & Assembly	Huntsville, AL USA	

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

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