

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 | CBL0124 |
| | | | CBL0123 | CBL0125 |
| Mini DP | DP-to-mDP | 10 / 3.0 | CBL0198 | CBL0199 |
| HDMI | HDMI-to-HDMI | 6 / 1.8 10 / 3.0 | CBL0126 | CBL0128 |
| | | | CBL0127 | 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 | CBL0188T |
| HDMI | HDMI-to-HDMI | CBL0189T |
| DVI-D | HDMI-to-DVI-D (DVI-D display to HDMI KVM) | CBL0191T |

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 AFPSPPLITTER to remotely select primary and secondary computer ports on 4-port Desktop Matrix |
| AFP0008 | 8-port Remote Active Front Panel | Use with AFPSPPLITTER to remotely select primary and secondary computer ports on 8-port Desktop Matrix |
| AFPSPPLITTER | 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 to support DP and HDMI (DVI-D supported with HDMI-to-DVI-D cable)
- 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 enables user 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).