



## SwitchView® Multimedia/DVI Desktop KVM Switches

### Ideal for Desktop Applications

Avocent SwitchView switches enable you to use a single keyboard, monitor and mouse to access multiple PCs—reducing the investment you have to make in peripheral devices and saving valuable desktop real estate. Avocent desktop KVM switches can support combinations of PS/2 and USB PCs; let you share USB devices, speakers and a microphone between PCs; and provide access to DVI video.

The products are available in multiple options providing connections from two to four peripheral devices. Built-in USB hubs are also available on all models except 2-port MM1. For those users with graphic-intensive applications, single- or dual-DVI, dual-link monitor support is available for resolution support up to 2560x1600.

### Features/Benefits

- **PC access:** Access from two to four PCs from a single keyboard, monitor and mouse
- **Audio support:** Audio feature enables you to share speakers and a microphone between attached PCs
- **Ease of use:** Pushbutton or keyboard hotkeys for channel selections; auto scanning allows easy monitoring of attached computers
- **Flexible platform support:** USB (1.1 or 2.0) or PS/2 system support (MM only)
- **Hot-plug capability:** You can add or remove a desktop PC or laptop without turning off the switch or other attached servers
- **Video resolution:** The 2560x1600 digital resolution is ideal for desktop graphical applications.\* (only in select models)



SwitchView DVI Series of KVM Switches



SwitchView Multimedia Series of KVM Switches

\* available with single- or dual-DVI monitor support

## Specifications

|                           | 2SVDVI10  | 4SVDVI10  | 2SVDVI15/20  | 4SVDVI15/20  | 2SVPUA10,<br>2SVPUA20   | 4SVPUA10,<br>4SVPUA20   |
|---------------------------|---|---|--|--|---|---|
| <b>Ports/Cables</b>       |   |   |  |  |   |   |
| PC Ports                  | 2   | 4   | 2  | 4  | 2   | 4   |
| Hub Ports                 | 2-USB 2.0   | 2-USB 2.0   | 3-USB 2.0  | 3-USB 2.0  | 2-USB 2.0<br>(2SVPUA20 only)  | 2-USB 1.1 (4SVPUA10)<br>2-USB 2.0 (4SVPUA20)  |
| Cables Included           | None  | None  | 2 cable sets   | 4 cable sets   | None  | None  |
| <b>Mechanical</b>         |   |   |  |  |   |   |
| Height                    | 1.7 in. (4.3 cm)  | 1.7 in. (4.3 cm)  | 2.5 in. (6.4 cm)   | 2.5 in. (6.4 cm)   | 1.7 in. (4.3 cm)  | 1.7 in. (4.3 cm)  |
| Width                     | 6.5 in. (13.97 cm)  | 10 in. (25.4 cm)  | 7.125 in. (18.1 cm)  | 7.125 in. (18.1 cm)  | 5.5 in. (13.97 cm)  | 8.7 in. (22.09 cm)  |
| Depth                     | 4 in. (10.16 cm)  | 4.6 in. (11.68 cm)  | 7.25 in. (18.4 cm)   | 10.375 in. (26.4 cm)   | 3.5 in. (8.89 cm)   | 4.0 in. (10.16 cm)  |
| Weight                    | 2 lbs. (.90 kg)   | 3 lbs. (1.36 kg)  | 4.4 lbs. (2.0 kg)  | 5.6 lbs. (2.54 kg)   | 1 lb. (.45 kg)  | 2 lbs. (.90 kg)   |
| <b>Environmental</b>      |   |   |  |  |   |   |
| Operating Temp            | 32 to 104 F (0 to 40 C)   | 32 to 104 F (0 to 40 C)   | 32 to 104 F (0 to 40 C)  | 32 to 104 F (0 to 40 C)  | 32 to 104 F (0 to 40 C)   | 32 to 104 F (0 to 40 C)   |
| Storage Temp              | -4 to 140 F (-20 to 60 C)   | -4 to 140 F (-20 to 60 C)   | -4 to 122 F (-20 to 50 C)  | -4 to 122 F (-20 to 50 C)  | -4 to 140 F (-20 to 60 C)   | -4 to 140 F (-20 to 60 C)   |
| <b>Power</b>              |   |   |  |  |   |   |
| Operating Power           | 5V  | 5V  | 100-240 VAC  | 100-240 VAC  | 5V  | 5V  |
| Power Frequency           | 60 Hz   | 60 Hz   | 50-60 Hz   | 50-60 Hz   | 60 Hz   | 60 Hz   |
| Input Power               | DC 9V   | DC 9V   | 20 W   | 20 W   | DC9V  | DC9V  |
| <b>Standards</b>          |   |   |  |  |   |   |
| Approved Agencies         | EN55022 Class B,<br>EN55024,61000-3-<br>2,6100-3-3, FCC 15<br>Class B, CE | EN55022 Class B,<br>EN55024,61000-3-<br>2,6100-3-3, FCC 15<br>Class B, CE | FCC Class B, UL, cUL,<br>ICES-003 Class B, CE,<br>C-Tick, VCCI Class B | FCC Class B, UL, cUL,<br>ICES-003 Class B, CE,<br>C-Tick, VCCI Class B | FCC Class B, UL C-UL,<br>CE, VCCI Class A   | FCC Class B, UL C-UL,<br>CE, VCCI Class A   |
| <b>Supported Hardware</b> |   |   |  |  |   |   |
| Computers                 | USB 2.0   | USB 2.0   | USB 2.0  | USB 2.0  | PS2 or USB (1.1 for MM1<br>and 2.0 for MM2)   | PS2 or USB (1.1 for MM1<br>and 2.0 for MM2)   |
| Monitors                  | DVI 1920x1200 @60Hz   | DVI 1920x1200 @60Hz   | Digital 2560x1600<br>@60Hz<br>Analog 1600x1024<br>@60Hz                | Digital 2560x1600<br>@60Hz<br>Analog 1600x1024<br>@60Hz                | (VGA, SVGA, XGA,<br>QVGA, SXGA, UXGA,<br>QXGA) Maximum resolu-<br>tion of 2048x1536 | (VGA, SVGA, XGA,<br>QVGA, SXGA, UXGA,<br>QXGA) Maximum resolu-<br>tion of 2048x1536 |
| Peripherals               | USB 2.0 Keyboard/<br>Mouse  | USB 2.0 Keyboard/<br>Mouse  | USB 2.0 Keyboard/<br>Mouse   | USB 2.0 Keyboard/<br>Mouse   | USB 2.0 Keyboard and<br>Mouse (MM2 only), PS/2<br>Keyboard and Mouse                | USB 2.0 Keyboard and<br>Mouse (MM2 only), PS/2<br>Keyboard and Mouse                |

| Part Number                                   | Description  |
|---|--|
| <b>SwitchView DVI Switch Ordering Details</b> |  |
| 2SVDVI10-xxx                                  | SV DVI 2-port USB System/Console USB 2.0 Hub, Audio, DVI video                               |
| 4SVDVI10-xxx                                  | SV DVI 4-port USB System/Console USB 2.0 Hub, Audio, DVI video                               |
| 2SVDVI15BND1-xxx                              | 2-port, USB, dual-link DVI switch with audio, 3-port USB 2.0 hub, cables included            |
| 4SVDVI15BND1-xxx                              | 4-port, USB, dual-link DVI switch with audio, 3-port USB 2.0 hub, cables included            |
| 2SVDVI20BND1-xxx                              | 2-port, USB, dual-head, dual-link DVI switch with audio, 3-port USB 2.0 hub, cables included |
| 4SVDVI20BND1-xxx                              | 4-port, USB, dual-head, dual-link DVI switch with audio, 3-port USB 2.0 hub, cables included |
| <b>SwitchView DVI Switch Cables</b>           |  |
| SVDVI-6                                       | 6 ft. DVI USB audio cable kit (comes w/DVI-I cables) for use with xSVDVI10                   |
| SVDVI-9                                       | 9 ft. DVI USB audio cable kit (comes w/DVI-I cables) for use with xSVDVI10                   |
| CBL0025                                       | DVI-I, Single head, audio 6 ft.  |
| CBL0026                                       | DVI-I, Single head, audio 12 ft.   |
| CBL0046                                       | DVI-I, Dual head, audio 6 ft.  |
| CBL0047                                       | DVI-I, Dual head, audio 12 ft.   |
| CBL0055                                       | DVI-D, Single head, audio 6 ft.  |
| CBL0059                                       | DVI-D Single head, audio 12 ft.  |
| VAD-27  | Male DVI-I to Female HD 15 VGA video adapter   |
| VAD-28  | Female DVI-I to Male HD15 VGA video adapter  |
| VAD-30  | DVI-I (female) to DVI-D (male) single-link adapter   |
| VAD-31  | DVI-I (female) to DVI-D (male) dual-link adapter   |

| Part Number  | Description  |
|--|--|
| <b>SwitchView Multimedia Switch Ordering Details</b> |  |
| 2SVPUA10-xxx   | SV MM1 2-port PS/2 and/or 1.1 USB System/Console, Audio (does not include a USB hub) |
| 4SVPUA10-xxx   | SV MM1 4-port PS/2 and/or 1.1 USB System/Console USB 1.1 Hub, Audio                  |
| 2SVPUA20-xxx   | SV MM2 2-port PS/2 2.0 USB System/Console, USB 2.0 Hub, Audio                        |
| 4SVPUA20-xxx   | SV MM2 4-port PS/2 2.0 USB System/Console USB 2.0 Hub, Audio                         |