# Avocent® SV Series Switches
## SVMV240/280DPH MultiViewer

### Quick Installation Guide

**VERTIV™**

## 1. Connecting local peripherals

Ensure all computers and displays are turned off.

Plug the display cables into the CONSOLE primary (1) and secondary (2) display ports on the back of the switch. The SVMV240DPH switch provides two HDMI connectors while the SVMV280DPH switch provides two combination DisplayPort (DP) and HDMI connectors to enable either video output format to be used.

Plug the USB keyboard and mouse cables and audio cables into the appropriate CONSOLE ports on the back of the switch.

## 2. Connecting each computer

Connect a USB cable from each computer to the keyboard/mouse USB Type-B port on the switch.

Plug the display cable from the corresponding computer into the appropriate port on the switch.

If applicable, connect audio from your computer to your switch and then connect a user-supplied USB cable from each computer to the USB Type B accessory port on the switch. Repeat for all computers.

## 3. Turning on the displays, switch and computers

*NOTE: Installation of local peripherals to the switch console must occur prior to powering up the switch.*

Using an appropriate wall-socket adaptor, plug the provided power cable into the switch, and plug the other end into a wall outlet.
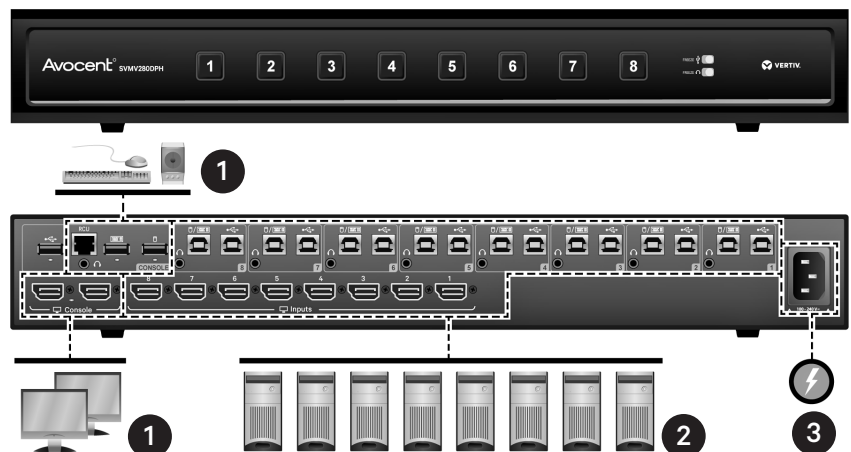
*NOTE: The Vertiv™ Avocent MultiViewer switch requires 40-60 seconds to boot.*

The video diagnostic LED indicates the Extended Display Identification Data (EDID) information has been successfully read from the display and stored in memory.

Vertiv™ Avocent® SVMV240DPH MultiViewer Switch Shown



- Selected channel indicator
- USB 3.0 indicator
- Audio indicator
- Place channel label here
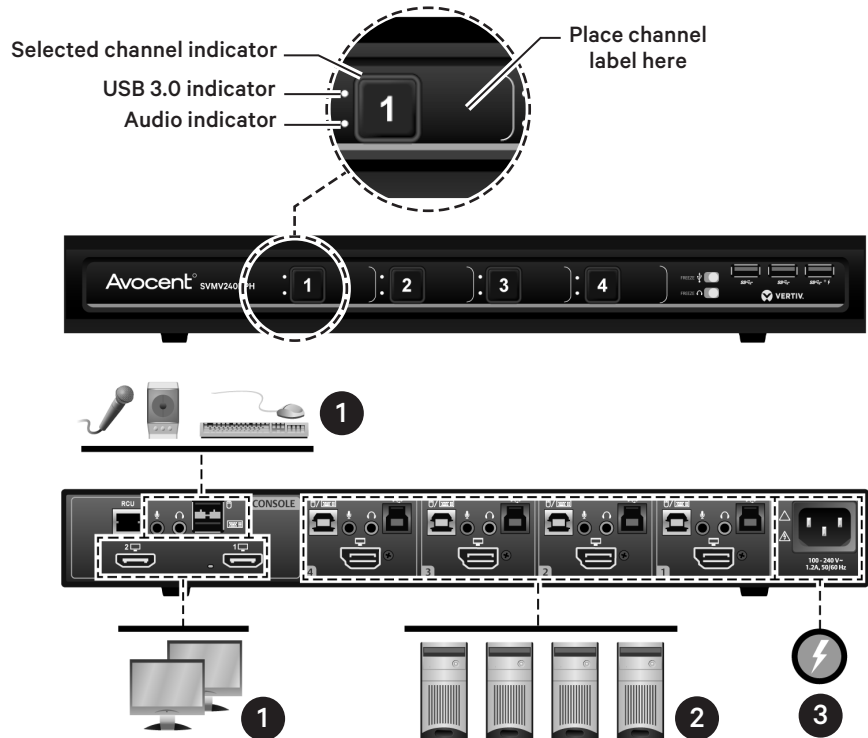
Vertiv™ Avocent® SVMV280DPH MultiViewer Switch Shown



The EDID is only read when the switch is turned on and illuminates solid green after a few seconds.

*NOTE: The Avocent MultiViewer switch uses a predefined EDID for all connected computers.*

Turn on the computers. Ensure the peripherals for each computer are connected and working properly. Repeat for all computers.

## 4. Switching between computers

To distinguish between channels, each one has a different colored frame. To switch between channels, press the buttons on the front of the switch.

You may also use Cursor Navigation Switching (CNS) to move the mouse between channel windows. CNS is enabled by default.

- In Full Screen mode, the selected channel displays in full screen. Type **L CTRL | L CTRL | f** to enter this mode.

- In Tile Screen mode, all channels display. Type **L CTRL | L CTRL | q** to enter this mode.

- In Scale Screen mode, the selected channel displays larger on screen with the other channels under or to the side of it. Type **L CTRL | L CTRL | s** to enter this mode.
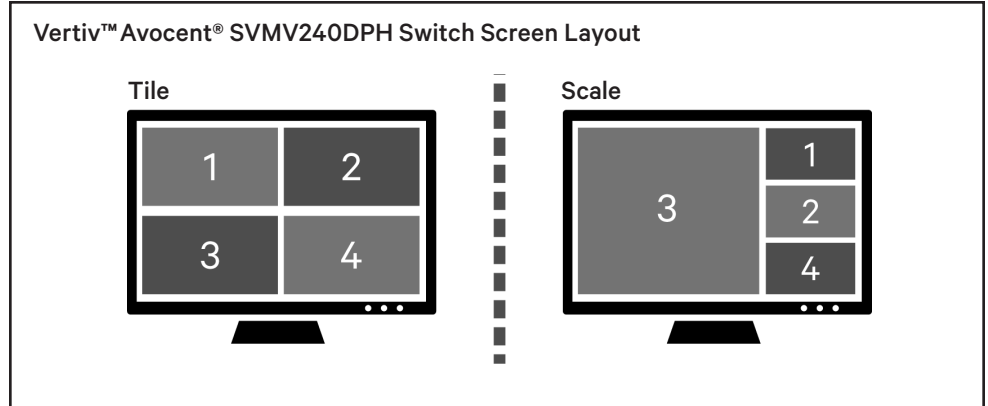
## 5. Using dual displays

The MultiViewer switches support a second display that can be used to clone or extend the primary display.

- In Single Screen mode, the primary display is active and the secondary display is disabled. Type **L CTRL | L CTRL | F11 | s | 0** (zero) to enter this mode.

- In Duplicate Screen mode, the secondary display duplicates the primary. Type **L CTRL | L CTRL | F11 | s | 1** to duplicate a display.

- In Extended Screen mode, channels can be arranged on either the primary or secondary display. Type **L CTRL | L CTRL | F11 | s | 2** to enter this mode.
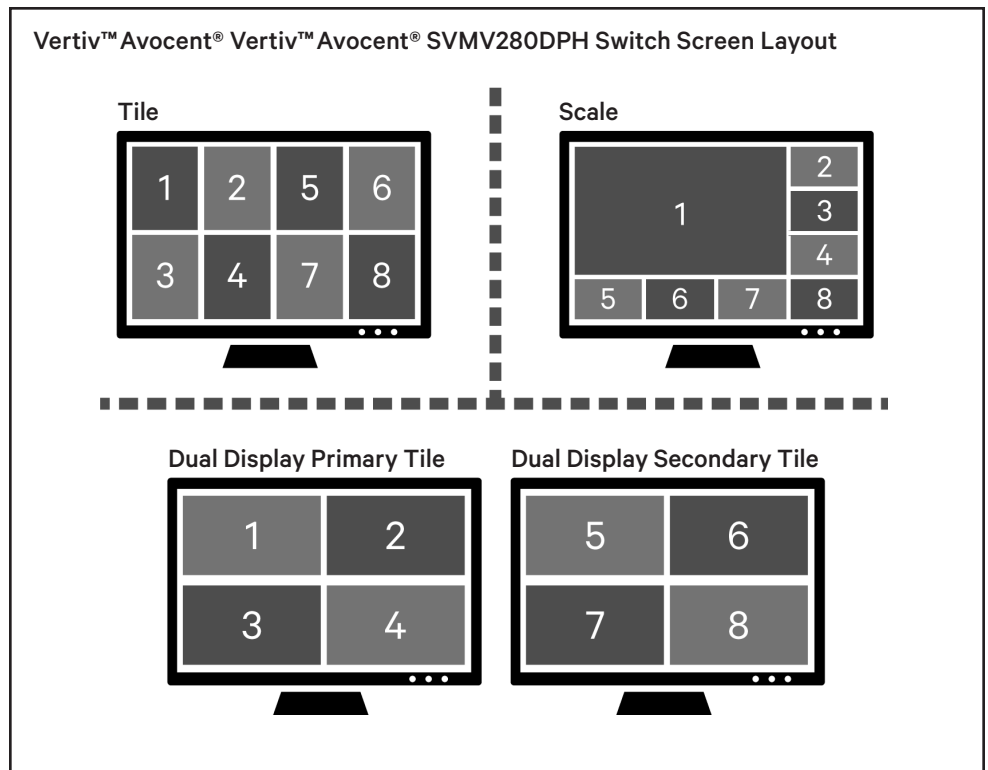
## Cables

Use Vertiv cable kits with your switch to ensure optimal security and performance.

Contact a Vertiv representative for ordering details.

**Vertiv™ Avocent® SVMV240DPH Switch Screen Layout**

Tile

Scale

**Vertiv™ Avocent® Vertiv™ Avocent® SVMV280DPH Switch Screen Layout**

Tile

Scale

Dual Display Primary Tile

Dual Display Secondary Tile