

Vertiv™ Avocent® AutoView™ 3108/3216 Switches GUIDE SPECIFICATIONS

1.0 GENERAL

1.1 Summary

The Vertiv™ Avocent® AutoView™ 3108/3216 switches are analog keyboard, video, and mouse (KVM) switches that provide flexible, centralized local access to data center servers. They also provide centralized remote access to data center servers.

1.2 Standards

The switch shall be designed in accordance with applicable sections of the current revision of the following documents. Where a conflict arises between these documents and statements made herein, the statements in this specification shall govern.

- Listed to UL and c-UL
- ICES Class A
- FCC Class A
- CE
- EAC
- VCCI Class A
- KCC Class A
- BSMI
- C-Tick

1.3 System Description

1.3.1 Modes of operation

The switch shall be designed to operate with local and remote access. The two user interfaces share a similar look and feel for an optimal user experience.

1. **Local** - The switch is equipped with two point-and-click interfaces to manage the switch locally. They are the local User Interface (UI), referred to as the Avocent OSCAR Graphical User Interface (GUI) and the On-Board Web Interface (OBWI). Using the configuration options provided by these interfaces, you can tailor your switch to your specific application. The OBWI can also be used to access and control and attached devices and handle all basic KVM needs remotely.
2. **Remote - On-Board Web Interface (OBWI)** - You can use the remote OBWI to manage your switch system. The OBWI is launched directly from the switch and does not require a software server or any installation. You can also establish remote KVM and virtual media sessions to target devices.

3. **Remote - Vertiv™ Avocent® DSView™ management software** - The Avocent® DSView™ management software can be used with the switch to allow IT administrators to securely and remotely access and monitor target devices on multiple platforms through a single, web-based User Interface (UI). A session can be launched to a device from a single point of access.
4. **Standard TCP/IP network** - The device is accessible for configuration via the standard TCP/IP network. The client connects to the switch using an internet browser.

1.3.2 Design requirements

1. Power supply:

- a. **Number**
 - One power supply
- b. **Type**
 - Internal
- c. **AC Input Range**
 - 100 VAC-240 VAC
- d. **Connector**
 - IEC C14

2. Mechanical:

Size - Height x Width x Depth

- **H** - 1.72 in. (4.37 cm)
- **W** - 17 in. (43.18 cm)
- **D** - 6.5 in. (16.5 cm)

3. Video resolution:

- **Local:** 16:9 widescreen, up to 1680 x 1050; 4:3 standard, up to 1920 x 1080
- **Remote:** 16:9 widescreen, up to 1680 x 1050, 4:3 standard, up to 1600 x 1200

4. Weight:

- AV3216: 4.4 lbs. (2.0 kg)
- AV3108: 4.2 lbs. (1.9 kg)

5. Ports/Connections:

- a. **Network:**
 - **Number:** 1
 - **Type:** 10/100 Mbps Ethernet port
- b. **Device ports:**
 - **Number:** 8 or 16 ports
 - 4 USB 2.0 ports

c. Local console:

- AV3216: 2 local ports
- AV3108: 1 local port

d. Supported target video:

VGA, PS/2, DVI-I, Display Port, and HDMI

e. Supported cabling:

4-pair UTP CAT5 or CAT6, 30 meters maximum length

f. Setup port:

- **Number:** 1
- **Type:** RS232 serial
- **Connector:** 8-pin modular

g. Modem port:

- **Number:** 1
- **Type:** RS232 serial
- **Connector:** 8-pin modular

1.3.3 Power specifications

1. **Power supply:** 18 W
2. **Heat dissipation:** 47 BTU/hr
3. **AC input range:** 100 VAC-240 VAC
4. **AC frequency:** 50 Hz/60 Hz autosensing
5. **AC input current rating:** .6 A
6. **AC input power (maximum):** 20 W

1.3.4 Ambient atmospheric condition ratings

1. **Operating:** 32°F to 122°F (0°C to 50°C)
2. **Non-operating:** -4°F to 158°F (-20°C to 70°C)
3. **Airflow:** From non-port side (front) to port side (back)
4. **Humidity:**
 - **Operating:** 20% to 80% relative humidity (RH) (non-condensing)
 - **Non-operating:** 5% to 95% relative humidity (RH) 38.7°C maximum wet bulb temperature

1.4 Safety and EMC Standards, Approvals and Markings:

Safety certifications and EMC certifications for this product are obtained under one or more of the following designations. Certification Model Number (CMN), Manufacturer's Part Number (MPN) or Sales Level Model designation. The designation that is referenced in the EMC and/or safety reports and certificates are printed on the label applied to this product.