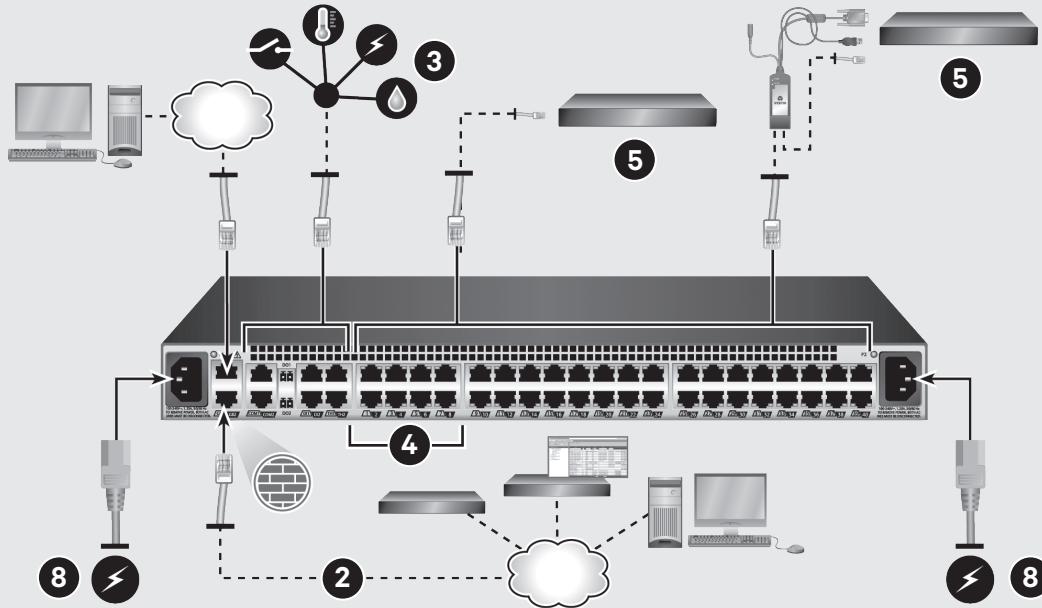# AVOCENT® UNIVERSAL MANAGEMENT GATEWAY APPLIANCE
Quick Installation Guide

VERTIV™

Avocent® Universal Management Gateway 6000 Appliance Rear

The Avocent® Universal Management Gateway appliance provides extensive access to attached devices. Care must be taken to avoid compromising your security policies.

The appliance ships with the following default settings:

- DHCP, SSH v2 and HTTPS are enabled.
- All autosensing ports are enabled.
- Ethernet and CLI Setup ports are enabled.

The following accounts exist by default:

- admin
- operator
- user

Shell access for admin is enabled.

The first time you access the appliance, you must log in as admin and create and confirm a password for the admin account.

1. Rack mounting the appliance

For detailed rack and/or wall mounting instructions, see the Avocent® Universal Management Gateway Appliance Mounting Bracket Quick Installation Guide.

2. Connecting to your network

Connect a UTP cable from the primary network port to your network. For redundancy, connect both network ports.

3. Connecting external sensors

The appliance supports environmental sensors connected to ports labeled TH, DI, COM or SNSR. DO ports are physical relays that can be used to turn on/off a DC powered device. For a list of the sensors and configuration requirements, see the Avocent® Universal Management Gateway Appliance Installer/User Guide.

Standard Port   **Autosensing Port**

4. Using autosensing ports

The appliance has autosensing ports used to connect serial, power, service processor and KVM targets (depending on the model). Autosensing ports are indicated by a turquoise line.

5. Connecting targets

Using UTP cables and supported DB9 or DB25 console adaptors, connect targets to the appliance. For KVM targets, connect using an UMIQ module. See the UMIQ Module Quick Installation Guide for more instructions.

WARNING: *Connected serial devices should not exceed 13 volts.*

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Avocent® Universal Management Gateway 6000 Appliance Front
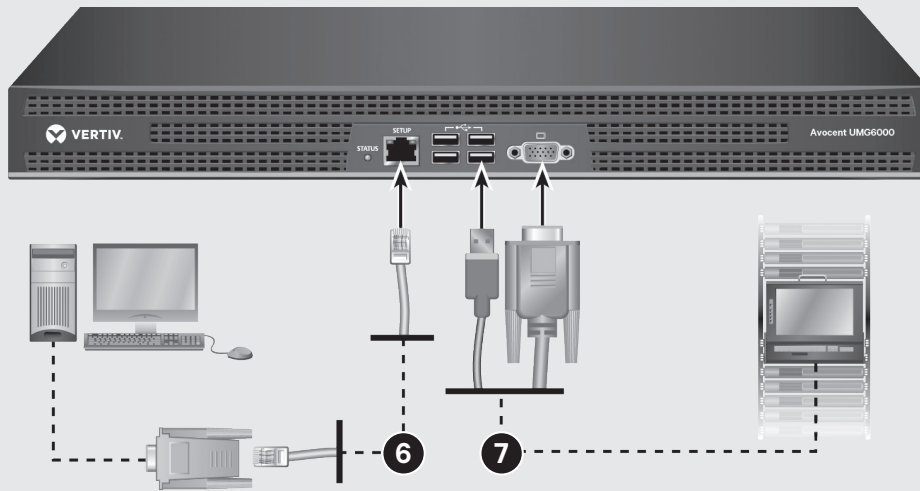
NOTE: *A patch panel is not recommended as a connection point between the appliance and an IQ module because it can cause distance, power or video quality control feature issues. If the issues are still present when the patch panel is removed, contact Technical Support.*

6. Connecting locally or through the console port

You can configure and manage the appliance either via the VGA console or the CLI Setup port. Use the provided RJ45 to DB9 cross converter to connect a terminal or workstation to the CLI Setup port. Terminal setting requirements are: 9600, 8, N and 1, with no flow control and ANSI emulation.

7. Connecting USB devices

You can use the USB ports on the front of the appliance to connect a keyboard, video and mouse or other supported USB devices.

8. Turning on the appliance

For redundancy, the appliance has dual power supplies. Plug the power cables into the appliance and then into a power source to turn the appliance on. Then turn on the devices connected to the appliance.

9. Assigning an IP address

An IP address can be obtained via DHCP or a static IP can be assigned using the VGA or CLI Setup port.

NOTE: *If using DHCP, you must first find the IP address assigned to the appliance by looking at the DHCP leases on the network DHCP server. Then use a browser at https://<appliance IP> to connect to the appliance.*

If you are assigning an IP address using VGA, perform the following steps:

a. Log in to the appliance's web user interface as **admin**.

b. Under the *Administration* tab, click *Network Settings*.

c. Click the *eth0* entry in the table and use the drop-down menu to change the method to Static.

d. Assign the desired IP values and click *Apply*.

NOTE: *For instructions on assigning an IP address using the command line interface, see the Avocent® Universal Management Gateway Appliance Command Reference Guide.*
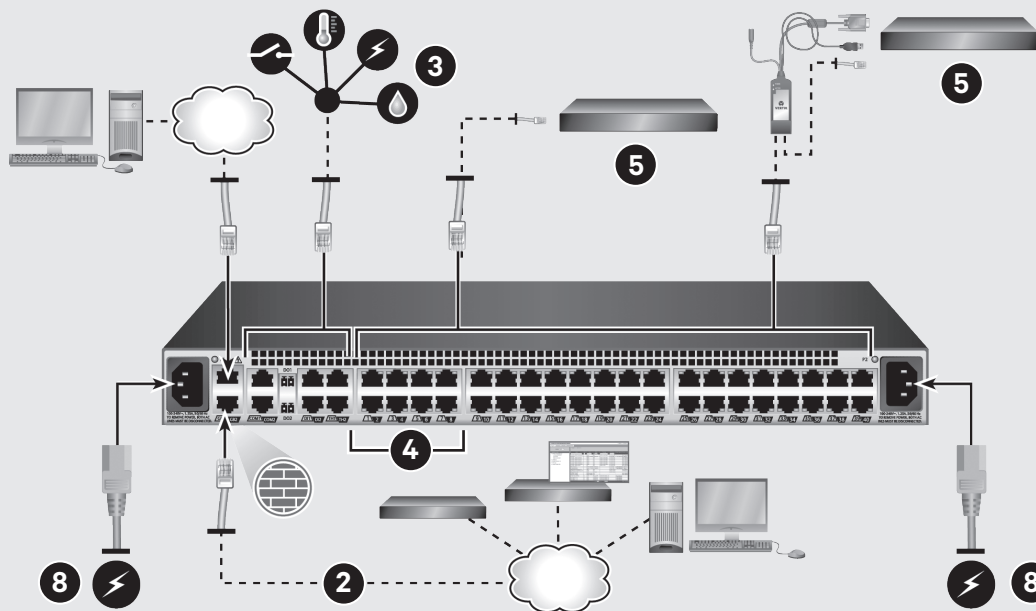
AVOCENT® UNIVERSAL MANAGEMENT GATEWAY 装置

快速安装指南

Avocent® Universal Management Gateway 6000 装置背面

对于已连接的设备，Avocent® Universal Management Gateway 装置提供多种访问方式。请务必格外小心，以免破坏安全策略。

此装置的出厂默认设置为：

- 启用 DHCP、SSH v2 和 HTTPS。
- 启用所有自动检测端口。
- 启用以太网和 CLI 设置端口。

默认存在以下帐户：

- admin
- operator
- user

admin（管理员）可进行 Shell 访问。

第一次访问装置时，用户必须以 admin（管理员）身份登录并创建和确认 admin（管理员）帐户的密码。

1. 在机架上安装本装置

有关详细的机架和/或墙上安装说明，请参阅《Avocent® Universal Management Gateway 装置安装支架快速安装指南》。

2. 连接到网络

使用 UTP 缆线将主要网络端口连接到您的网络。同时连接两个网络端口可提供冗余。

3. 连接外部传感器

此装置支持与标有 TH、DI、COM 或 SNSR 的端口相连的环境传感器。DO 端口是可用于打开/关闭直流供电设备的物理继电器。有关传感器和配置要求列表，请参阅《Avocent® Universal Management Gateway 装置安装人员/用户指南》。

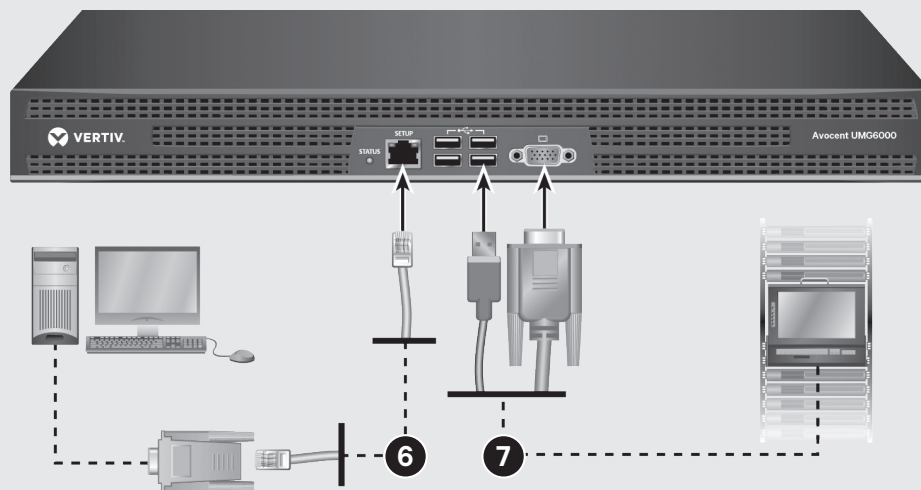标准端口　　　自动检测端口

4. 使用自动检测端口

本装置配有用于连接串行、电源、服务处理器和 KVM 目标设备的自动检测端口（视型号而定）。自动检测端口标有青绿线。

5. 连接目标设备

使用 UTP 缆线和支持的 DB9 或 DB25 控制台适配器，将目标设备连接到装置。对于 KVM 目标设备，可使用 UMIQ 模块连接。有关更多说明，请参阅《UMIQ 模块快速安装指南》。

警告：*已连接的串行设备不得超过 13 伏特。*

Avocent® Universal Management Gateway 6000 装置正面

注意： *配线架不宜用作装置与 IQ 模块的连接点，因为它会带来距离、电源、或视频质量控制功能问题。如果去除配线架后问题仍旧存在，请联系技术支持人员。*

6. 进行本地连接或通过控制台端口连接

您可以通过 VGA 控制台或 CLI 设置端口配置和管理本装置。使用提供的 RJ45 至 DB9 交叉转换器，将终端或工作站连接到 CLI 设置端口。终端设置要求为：9600、8、N 和 1，无流量控制和 ANSI 仿真。

7. 连接 USB 设备

您可以使用本装置前面的 USB 端口连接键盘、录像机、鼠标或其他支持的 USB 设备。

8. 打开装置

装置配有双电源，可提供冗余保护。要打开装置，请先将电源线插入装置，然后再将其插入电源。最后，打开与装置相连的设备。

9. 分配 IP 地址

可通过 DHCP 获取 IP 地址，或可使用 VGA 或 CLI 设置端口分配静态 IP。

注： *如果使用 DHCP，您必须首先查看网络 DHCP 服务器上的 DHCP 租约，找到分配到本装置的 IP 地址。然后使用浏览器访问 https://<装置 IP> 以连接到本装置。*

如果要使用 VGA 分配 IP 地址，请执行以下步骤：

a. 以 **admin**（管理员）身份登录本装置的 web 用户界面。

b. 单击"管理"选项卡下的"网络设置"。

c. 单击表中的 *eth0* 条目，然后使用下拉菜单将方式更改为"静态"。

d. 分配所需的 IP 地址并单击"应用"。

注： *有关使用命令行界面分配 IP 地址的说明，请参阅《Avocent® Universal Management Gateway 装置命令参考指南》。*