Vertiv™ Avocent® Mergepoint Unity™ 2 Switch

Key Features and Benefits

- **No onsite visits:** Save time and money while minimizing travel through remote system management.
- **Efficient troubleshooting:** Quickly diagnose and resolve issues to minimize downtime.
- **Remote firmware updates:** Easily update firmware without physical access.
- **Consolidated view:** Manage all servers from a single interface.
- **Streamlined staff training:** Train your team on a single, unified solution for all infrastructure needs to reduce complexity and training time.
- **User permissions:** Assign different user roles and permissions for enhanced security.
- **Remote UEFI and BIOS access:** Remotely access and configure UEFI and BIOS settings to perform critical system updates and troubleshoot hardware issues.
- **Virtual media:** Simplifies OS deployments, patch deployments and new application installations.
- **Smart card/CAC reader support:** Provides local support for smart card/CAC readers.
- **Local hot key support:** A faster way to navigate and perform tasks locally.
- **Serial management:** Serial modules support SSH connections to targets.
- **Local and remote browser interface:** Easy setup and use.
- **RESTful API:** For automation and 3rd party management tools.
- **Compact design:** When paired with Vertiv's LRA185KMM it fits within a single rack unit (1U).
- **Central Management:** Built-in Web interface for standalone applications or can be managed with the MP1000 Management Platform as part of Vertiv™ Avocent® DSView™ Solution

Introducing the Vertiv™ Avocent Mergepoint Unity 2. This fifth-generation KVM over IP switch is designed to meet the evolving demands of today's IT environments with advanced security, enhanced resolution, and seamless integration.

Achieve secure remote access to your entire server infrastructure from any location and reduce the need for onsite visits. The Vertiv Avocent MergePoint Unity 2 KVM-over-IP Switch provides IT administrators with an efficient solution for updating and troubleshooting servers across multiple locations. By consolidating tools and providing a unified view, it streamlines server management, enhances security, and helps limited IT staff stay effective, no matter where systems are deployed.

Advanced security

- Protect your systems with Secure Boot, Vertiv-signed keys, and TLSv1.3 allowing only verified firmware and software to operate.
- Meet strict security requirements with FIPS 140-2 compliance, making it ideal for high security environments.
- Supports TACACS+, RADIUS, and LDAP authentication protocols.
- Support of an HTML5 Viewer for a more secure and Java-free KVM access.
- Enhanced security and performance with an updated kernel for comprehensive system protection.

Enhanced resolution

- Experience high-quality visuals with support for video resolutions up to 1920 x 1080 with 24-bit color.
- Perform detailed tasks such as system performance monitoring and issue troubleshooting with precise visual clarity.

Scalable configurations

- Choose from multiple configurations that include 8-port, 16-port, and 32-port models to meet your current needs.
- Adapt to changing business demands with scalable configurations, that provide long-term investment protection.

Overview

Mechanical

Size:

- Height: 8.125 in. (20.64 cm)
- Width: 13 in. (33.02 cm)
- Lenght: 20.88 in. (53.04 cm)

Weight:

- 11 lbs. (4.9 kg)

Ports/connections:

- **Network:** 2
- **Device ports:** 8, 16, or 32
- **Local console:** 1 Connector: USB and VGA
- **Supported target video:** VGA, DVI-I, Display Port, and HDMI

Power supply

- **Number:** Dual power supplies
- **Type:** Internal
- **AC input range:** 100-240V
- **Connector:** IEC, C14

Video resolution

- Maximum local video resolution 1920x1080
- Maximum remote resolution 1920x1080

Regulatory Certifications

- These are current: UL, FCC, cUL, ICES-003, CE, VCCI, KCC, RCM, NOM, EAC.

Warranty

- 2 year standard waranty
- Multi-year extended support plans available

Applications:

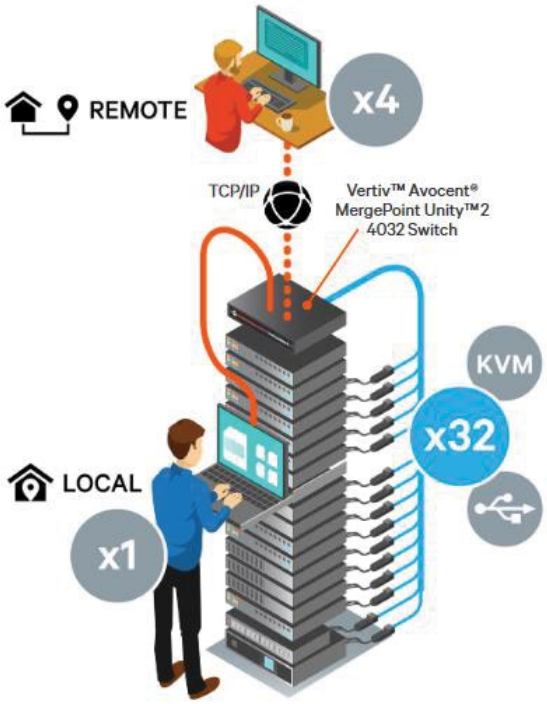
Government

Banking

Education

Retail

Telecom



Ordering details

Part number	Description
MPU2-108DAC-400	8-port, 1 digital KVM path, dual AC power supply, TAA compliant
MPU2-2016DAC-400	16-port, 2 digital KVM path, dual AC power supply, TAA compliant
MPU2-2032DAC-400	32-port, 2 digital KVM path, dual AC power supply, TAA compliant
MPU2-4032DAC-400	32-port, 4 digital KVM path, dual AC power supply, TAA compliant

Server Interface Modules, Cables, and Accessories

SFIQ-VGA	Smaller Form Factor Server Interface Module for VGA video, USB keyboard/ mouse supporting virtual media, CAC and USB2.0.
MPUIQ-VMCHS-G01	Server Interface Module for VGA video, USB keyboard/ mouse supporting virtual media, CAC and USB2.0. TAA compliant
MPUIQ-VMCHD-G01	Server Interface Module for HDMI video, USB keyboard/ mouse supporting virtual media, CAC and USB2.0.
MPUIQ-VMCDV	Server Interface Module for DVI video, USB keyboard/mouse supporting virtual media, CAC and USB2.0
MPUIQ-VMCDP-G01	Server Interface Module for DisplayPort video, USB key- board/ mouse supporting virtual media, CAC and USB2.0
MPUIQ-SRL-G01	Server Interface Module for serial devices for extended distance (requires UPD-AM)
UPD-IEC	Power supply, IEC Adapter & 4 output cable to support up to 4 MPUIQ-SRL modules

Compatible with modules from previous Vertiv™ Avocent® MergePoint Unity™ Switch models.

What's included in the box

- The Vertiv™ Avocent® MergePoint Unity™ 2 switch
- Rack mount bracket kit
- AC power cords
- Quick installation guide

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