

Vertiv™ Avocent® IPUHD 4K IP KVM Device



Experience the fastest, highest resolution video in a KVM

Benefits

The Vertiv™ Avocent® IPUHD 4K IP KVM Device provides users with remote access to servers with 4K video resolution. Empower employees to do their best work by providing fast, seamless access to confidential on-premises and other business applications, increasing productivity and reducing work strain.

Benefits

- **Improve productivity:** Leverage fast, responsive high-video resolution KVM switches to empower workers to access resources remotely, driving their creativity and throughput.
- **Empower industry workers:** Enable employees with specialized access needs to perform their work seamlessly, without video latency or resolution issues that could harm productivity.
- **Increase operational flexibility:** Connect native USB-C video sources without requiring additional adapters to increase operational flexibility.
- **Simplify development and test cycles:** Provide IT staff with remote serial access to servers to quickly troubleshoot problems without being present in the data center.
- **Reduce power costs:** Leverage power over ethernet (PoE) to simplify cabling and reduce costs.
- **Flexible as either a standalone product or part of an integrated solution.**



Around the world, businesses are grappling with the reality of remote work. For many employees, standard remote access solutions, such as VPN networks and cloud-based business applications, are more than sufficient to do their jobs. Others, however, may experience incredible work and eye strain as they perform critical functions.

Thus, it's not surprising that demand for keyboard, video and mouse (KVM) switches that support 4K video resolution is growing fast. Workers need real-time high-resolution video to perform critical work, such as testing high resolution IT equipment remotely, accessing confidential on-premises business applications, and developing video games and entertainment, among other responsibilities.

The Avocent® IPUHD 4K IP KVM Device provides secure remote access to IT equipment with high-resolution video up to 4K. It also integrates seamlessly into the Vertiv™ Avocent® RM1048P Rack Manager, enabling IT teams to manage and control secure KVM usage at a holistic and granular level.

Features include:

- **Provide secure access:** Protect on-premises business applications and data with end-to-end encryption of all traffic. Provide remote users with secure access to virtual media across a wide range of locations, including home offices.
- **Deliver a good user experience:** Support any remote work use case where high-resolution video performance and audio is required to ensure worker comfort and drive sustained productivity.
- **Increase productivity:** Empower your teams with the tools they need for remote access and remote working. Sync users' mice with applications quickly and precisely for a near-native experience. Tap session sharing to solve IT problems without deploying staff onsite.
- **Keep equipment onsite:** Centralize and protect expensive IT equipment onsite, while still providing secure access to technology. Use LED lights to quickly identify location of the appropriate Vertiv™ Avocent® IPUHD device. Avoid complicated and costly logistics associated with distributing devices to employees' management challenges.
- **Scale to your needs:** Meet diverse connectivity and resolution needs. Support remote workers with low to high video and color resolution that's ideal for a wide range of use cases. Leverage native USB-C for plug and play connectivity and flexible adaptors to meet diverse business needs.

- IP addressable 4K KVM device
- 4K (3840 x 2160) @ 30Hz, 1920 x 1200 @ 60Hz
- Audio over USB-C, HDMI, DP and Mini-DP
- 24-bit color for rich user experience
- USB-C connector cable

- Powered over PoE via LAN1 port
- Secure Boot
- LAN2 for Service Processor connectivity
- Video adapters for HDMI, DP, and MiniDP
- Serial connections over MicroUSB

Ordering Details

Description

ADX-MP1000DAC-400	Avocent® DSView™ Management Platform
ADX-MP1000VA	Avocent® DSView™ Management Platform Virtual Appliance
ADX-RM1048PDAC-400	Avocent® Rack Manager, 48 PoE Ports*
ADX-IPUHD-400	Avocent® IPUHD 4K IP device
ADX-IPIQ-400	Avocent® IPIQ IP KVM device
ADX-IPSL104-400	Avocent® IPSL Serial IP Device

Accessories

Description

ADX-DP-400 Avocent®	4K Display Port IP KVM Adapter
ADX-HDMI-400	Avocent® 4K HDMI Adapter
ADX-MINIDP-400	Avocent® 4K Mini Display Port Adapter
ADX-IPPS	Avocent® Power Supply
ADX-RMK-106	Avocent® 4K 1U Rack Mount Kit
ADX-RMK-107	Avocent® 4K Vertical, 21U Gate

*The Vertiv™ Avocent® MP1000 Management Platform and/or Vertiv™ Avocent® RM1048P Rack Manager are only required when used as an integrated solution. Note: VGA is supported via HDMI connector and a 3rd party VGA adapter.

** DSView-IPPS required when ADX-IPUHD-400 used as standalone device with the Vertiv™ Avocent® DSView™ Solution.

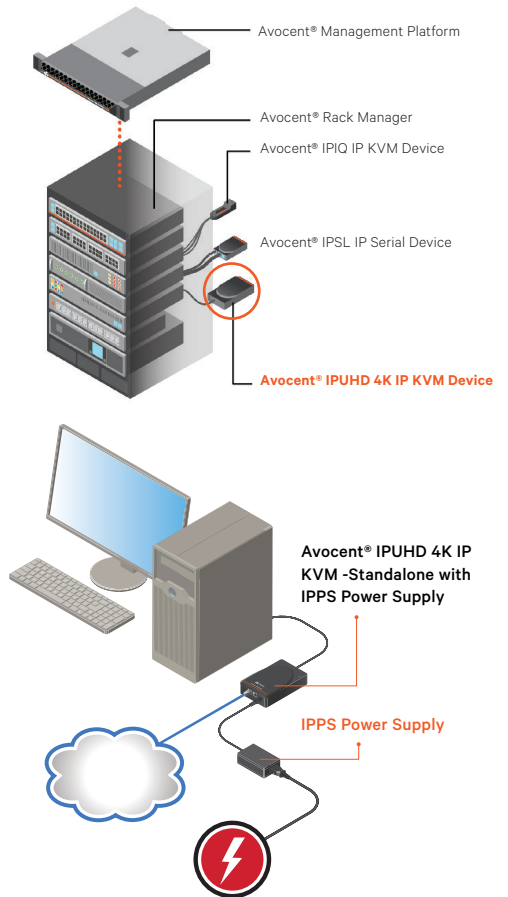
Feature

Technical Specifications

Video Resolution	4K, 24bit color up to 30Hz	
	1920x1200, 1920x1080, 1024x768 and lower resolutions up to 60Hz	
Ports	Network	2 x 1G LAN ports - 1 x PoE, 1 x Service Processor connectivity
	Video In/Data	1 x USB-C with alt mode DisplayPort
	Audio	Delivered by target via HDMI or DP
	Mono/Stereo	16 bit sampling width User-selectable sample rate 9.6 – 48kHz
	Serial	1 x Micro USB
	Power	1 x Power port
Power	1 PoE port	802.3 @ Type 2 PoE+
	External Power Supply	+5V 25W
Environmental	Storage	-4 to 158 degrees F (-20 to 70 degrees C)
	Operating	32 to 122 degrees F (0 to 50 degrees C)
Other	LED lights	2 x Tri color lights
Dimensions & Weight	Length	6.6 in. / 168 mm
	Width	4.1 in. / 105 mm
	Height	1.6 in. / 41 mm
	Weight	0.73 lbs / 0.332 kg

FIPS 140-2 Cryptographic Module Support

Vertiv™ Avocent® DSView™ Solution



Standards

EMI:
EN55032 Class A
EN55024
EN55035
EN61000-3-2
EN61000-3-3
FCC Part 15, Subpart B Class A
VCCI Class A
CCC
BSMI 13438
Safety
CB
UL
CCC
BSMI 14336-1
RoHS-2.0 Compliant