Vertiv™ Avocent® IPIQ IP KVM Device

A remote access and control solution to manage compute devices in Enterprise and Edge locations

Overview

The Vertiv™ Avocent® IPIQ IP KVM is a zero-U IP KVM solution that scales from edge to enterprise and increases productivity by simplifying remote access and troubleshooting of IT devices with enhanced video resolution.

Features

- Remote KVM with fast and precise mouse synchronization

- Secondary LAN port for Service Processors

- Plug and Play connectivity

- Remote LED control to easily locate device

- Session sharing to identify and resolve IT problems

- Native VGA for common enterprise needs

- Secure access via encrypted virtual media

- Up to 1920 x 1200 @ 30Hz with 16-bit color

Remote Access to IT devices continues to be a growing need both in the Enterprise and Edge market. The footprint of compute, network, and storage devices continues to grow. The **Avocent® IPIQ IP KVM** device is part of the Vertiv™ Avocent® DSView™ Solution and provides high definition video performance for remote access to IT equipment. It supports up to 1920 x 1200 video resolution and works with the Vertiv™ Avocent® RM1048P Rack Manager.

The Avocent IPIQ IP KVM Device comes with a VGA connector and has 2 x 10/100mb ports. One is for KVM traffic and the second is for connectivity to Service Processors. The Avocent IPIQ comes with LED lights for power and data traffic. It can be power from the host or via an external power adapter.

The Avocent IPIQ IP KVM Device increases productivity with high definition KVM access to IT devices and simplifies remote access to servers to quickly troubleshoot problems without being present in the data center. Through BIOS level access, users can manage and maintain configuration of IT equipment as well as remote reboot, power up IT devices to aid in recovery of systems.

Features include:

- **IP Addressable:** Connect to the IPIQ dongle over the network so the dongle can be closer to the target

- **Security:** TLS1.3, AES256 bit encryption for all communication to and from the IP serial dongle

- BIOS level access without being physically present

- Improved compression

- Zero U solution for ease of deployment

- Encrypted virtual media for secure remote access

- Secondary LAN port for connectivity to Service Processors

- Use session sharing to collaborate on solving problems

- Fast and precise mouse synchronization

- Optimize user experience for low network bandwidth

- Control over noise filtering for VGA connections

- End to end encryption of all traffic using latest standards

- Remote LED control

- **Edge Ready:** Can be deployed with the Avocent MP1000 Management Platform for edge solutions

- **SP Management:** Standardized method of managing service processors across vendors reduces the complexity of managing a heterogenous environment
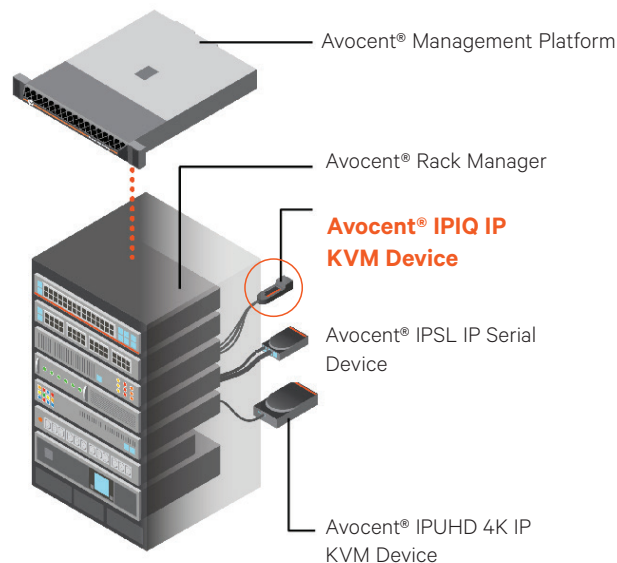
Ordering Details	Description
ADX-MP1000DAC-400	Avocent® DSView™ Management Platform
ADX-MP1000VA	Avocent® DSView™ Management Platform Virtual Appliance
ADX-RM1048PDAC-400	Avocent® Rack Manager, 48 PoE Ports*
ADX-IPUHD-400	Avocent® IPUHD 4K IP device
ADX-IPIQ-400	Avocent® IPIQ IP KVM device
ADX-IPSL104-400	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 is not required in all situations. Typically used for site aggregation.

Vertiv™ Avocent® DSView™ Solution

- Avocent® Management Platform
- Avocent® Rack Manager
- **Avocent® IPIQ IP KVM Device**
- Avocent® IPSL IP Serial Device
- Avocent® IPUHD 4K IP KVM Device

Feature	Technical Specification	
Video Resolution	1900 x 1200 @ 30Hz, 16-bit color	
Ports	Network	2 x 10/100 mb Service Processor connectivity
	Video In/Data	1x VGA 1x USB
	Power	1 x Power port
Power	USB	Power fro host
	External Power Supply	+5V
Environmental	Storage	-4 to 158 degrees F (-20 to 70 degrees C)
	Operating	32 to 122 degrees F (0 to 50 degrees C)
Lights	LED lights	Data and power
Dimensions & Weight	Length	22 in. / 559 mm
	Width	1.5 in. / 38 mm
	Height	.9 in. / 23 mm
	Weight	0.30 lbs / 0.136 kg

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