Vertiv™ Avocent® IPSL IP Serial Device

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

Overview

The Vertiv™ Avocent® IPSL IP Serial Device is an innovative serial IP solution that scales from edge to enterprise and increases productivity by simplifying remote access and troubleshooting of IT devices.

Features

Diverse connectivity requirements including:

- RJ45 Serial
- USB Type A
- MicroUSB Type B
- Plug and Play connectivity
- Virtual Media
- Supports RS232 protocol
- Redfish APIs

Benefits

- Reduces cost through reduction/ elimination of on site visits
- Reduces time to provision new equipment
- Improves visibility into remote locations
- Increases productivity with secure remote access to IT devices
- Small form factor for ease of installation

Remote access to IT devices continues to be a growing need in the Edge market. The footprint of compute, network, and storage devices continues to grow. The Avocent® IPSL IP Serial Device interface module is a part of the Vertiv™ Avocent® DSView™ Solution and provides remote management of serial devices.

The Avocent® IPSL IP Serial Device has an ethernet port to allow end users to connect to it over an IP network. This enables customers to remotely manage serial devices and like all Vertiv™ Avocent® DSView™ solution elements, Avocent IPSL IP Serial Device provides flexible deployment options.

Features:

- **Small Form Factor:** Portable size for easy deployment at edge locations.
- **IP Addressable:** Reachable from anywhere on the network to enable remote management of serial devices.
- **Security:** Secure Boot with hardwareroot of trust for tamper proof firmware, TLS1.3, AES256 bit encryption for all communication to and from the IP serial dongle.

- **Virtual Media:** Mount virtual drives remotely to transfer files such as firmware upgrades or other configuration files.
- **Serial:** Manage up to four serial targets simultaneously with SSH serial redirection.
- **HTML5:** HTML5 Web based user interfacefor simplified management.

- 1 x 1G network port with PoE
- Small Form Factor
- Redfish APIs
- Serial Ports: 2 x RJ45, 2 x USB Type A
- RJ45 Serial & USB
- 1 x Power Jack
- 1 x MicroUSB
- Reset button
- Power and Data LED lights

Ordering Details

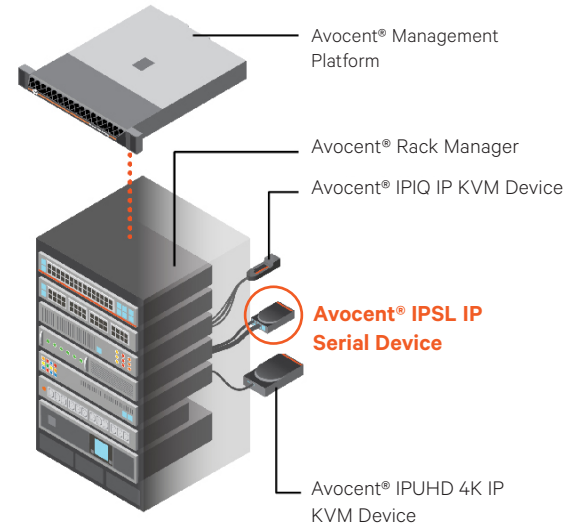| Ordering Details	Description
ADX-MP1000DAC-400	Avocent® DSView™ Management Platform
ADX-MP1000VA	Avocent® DSView™ Management Platform Virtual Appliance
ADX-RM1048PDAC-400	Avocent® Rack Manager, 48 PoE Ports*
ADX-IPUHD-400	Avocent® IPUHD 4K IP device
ADX-IPIQ-400	Avocent® IPIQ IP KVM device
ADX-IPSL104-400	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® Rack Manager and Management Platform not required in all situations. Typically used for rack or 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

Technical Specification

Feature	Techincal Specification	
Ports	Network	1 x 1G (PoE)
	Serial	2 x RJ45 Serial; Each supports Avocent and Cisco Pinouts
		2 x USB Type A; USB Host (100mA Max Supply Current)
	USB Micro B	USB Device
Power	Power	1 x PowerPort
	5V DC Barrel Jack	0.8A Max
	Power over Ethernet	802.3 at Type 1 Class 2 or higher
Environmental	Temperature (Operating)	0 to 60°C
	Temperature (Non-operating)	-20 to 70°C
	Humidity (Operating)	5% to 80% Non-Condensing
	Humidity (Non-Operating)	5% to 90% Non-Condensing
Dimensions & Weight	Length	5.8 in. / 147.32 mm
	Width	3.3 in. / 83.82 mm
	Height	1.4 in. / 35.56 mm
	Weight	0.4 lbs / 0.18 kg

Standards

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	