

Avocent® Matrix High Performance KVM



A fusion of performance and speed for new levels of content creation, production and delivery

Features

- Revolutionary centralized software management system
- Digital and analog video support
- PoE-powered transmitters
- Multi-colored back lit LCD allows at-a-glance status identification of transmitters and receivers
- Instant switching - less than half a second
- USB 2.0 single line speed is up to 66% faster than the competition

Extendable Architecture

- Designed to support current and future display standards
- Silent receivers and transmitters with fanless and ventless cooling
- Redundant switch power supplies on some models

Built on Experience and Success

The Avocent® Matrix High Performance KVM is the next-generation version of Avocent High Performance KVM products. It leverages the experience Vertiv™ has gained with the Avocent AMX™ and HMX product lines to create the best-of-breed platform. This unified approach enables the Avocent Matrix to combine the instantaneous switch time of the Avocent AMX system with the digital quality and advanced management features of the Avocent HMX system.

Platform Approach

The Avocent Matrix High Performance KVM is a platform that will grow and evolve with your needs. The platform's design creates a future-proof environment where customers can expand functionalities as new technology becomes available, such as alterations in display or peripheral standards.

Adaptability Designed In

Advanced Dambrackas™ Video Compression algorithm enables a pixel-accurate, lossless video experience with lag-free, real-time interaction to computing equipment via any USB enabled device. The Avocent Matrix High Performance KVM provides six USB 2.0 connectors (two powered) with an industry-leading combined throughput that is up to 66% faster than competitive products.

Unified Management

A revolutionary management software suite, it centralizes configuration, maintenance and user-role setup in one streamlined interface. Compatibility with LDAP and other user authentication frameworks allows the Avocent Matrix High Performance KVM to be added easily to existing workflows and setups.

Enhanced Management with the Avocent Matrix Manager

The Avocent Matrix Manager improves upon the management features of Avocent Matrix High Performance KVM. It allows group and device permission management, event notifications and improved auto failovers. In addition, it provides access to a full RESTful API implementation that can seamlessly integrate Avocent Matrix High Performance KVM into existing and new workflow processes within your facility.



Specifications

Avocent® Matrix MXT5110

Mechanical

- Dimensions (DxWxH): 6.2 x 4.75 x 1.21 in.
- Weight: 1.4 lbs. / 0.64kgs

Ports/Connectors

- USB: 1 x Type B
- Microphone: 1 x 3.5mm stereo
- Speaker: 1x 3.5mm stereo
- Video: 1 x DVI-D or 1 x VGA
- Direct Connect: 1920 x 1200 @ 60 hz.

Power Supply

- N/A

Operating Temperature

- 0° C to 40° C

Avocent Matrix MXR5110

Mechanical

- Dimensions (DxWxH): 4.9 x 8 x 1.21
- Weight: 1.6 lbs. / 0.73kgs

Ports/Connectors

- USB: 6 x Type B (2 front, 4 rear)
- Microphone: 1 x 3.5mm stereo
- Speaker: 1x 3.5mm stereo
- Video: 1 x DVI-I
- Resolutions up to 1920 x 1200 @ 60 hz.
- Direct Connect: 1 x 8-pin modular

Power Supply

- External
- AC Input Range: 100-240C
- AC Input Frequency: 50/60 Hz

Operating Temperature

- 0° C to 40° C

Avocent Matrix Switch MXS5120 & MXS5132

Mechanical

- Dimensions (DxWxH):
21.1 x 17.1 x 3.4 in.
- Weight:
 - 20-port = 19.0 lbs (8.6 kg)
 - 32-port = 24.8 lbs (11.2 kg)

Ports/Connectors

- Network: 2 x 10/100/1000 Ethernet
- Setup: 1 x 8-pin modular (RS232 serial)
- Direct Connect: 1 x 8-pin modular

Power Supply

- 20-port: single, internal
- 32-port: dual (redundant), internal
- AC Input Range: 100-240C
- AC Input Frequency: 50/60 Hz

Operating Temperature

- 0° C to 50° C

