

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 Emerson Network Power 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 Dambrockas™ 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.



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Avocent® Matrix High Performance KVM

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: 1 x 3.5mm stereo
- Video: 1 x DVI-D or 1 x VGA
- Direct Connect: 1 x 8-pin modular

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: 1 x 3.5mm stereo
- Video: 1 x DVI-I
- Resolutions up to 2048x1550
- 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

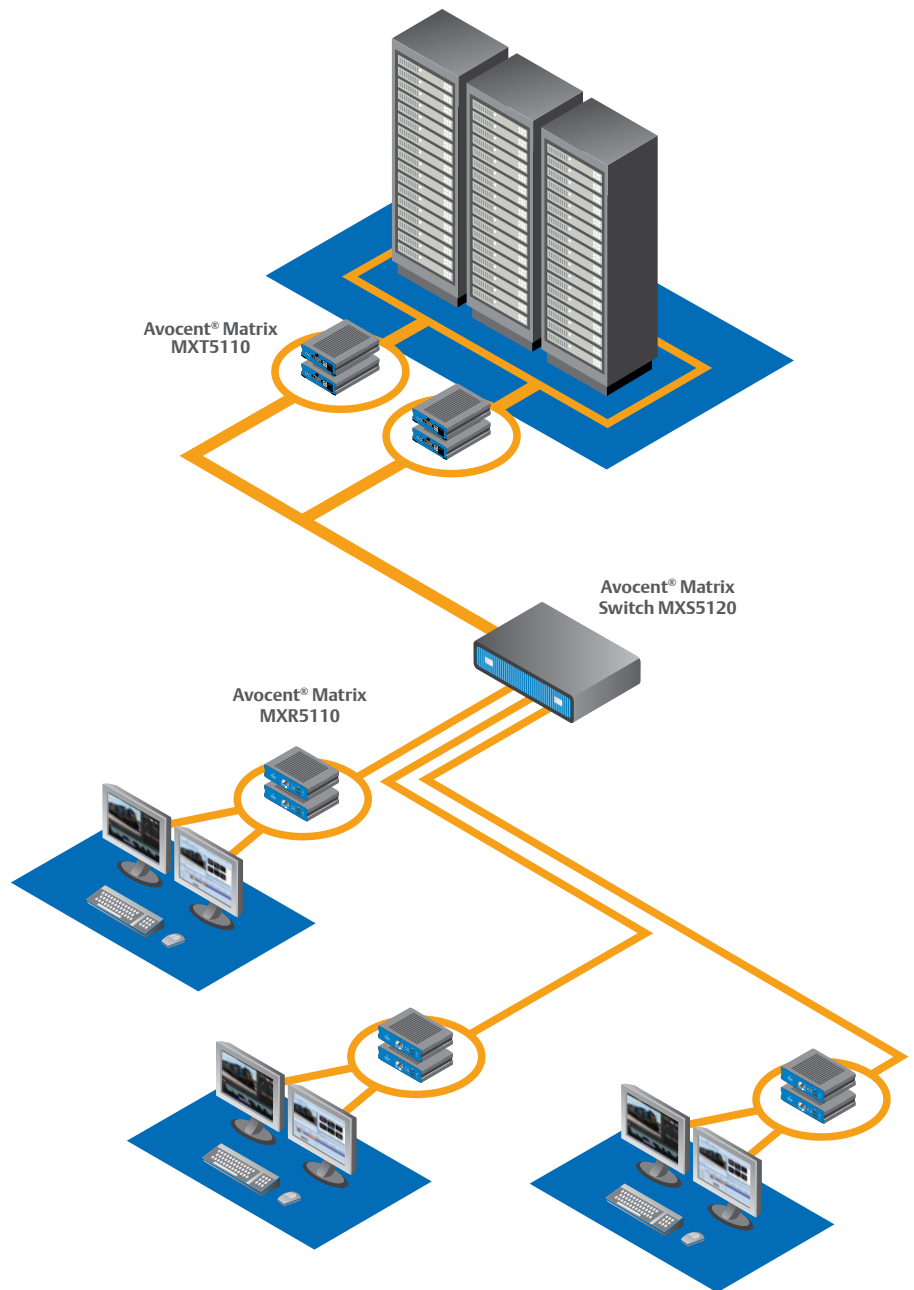
- Network: 2 x 10/100/1000 Ethernet
- Setup: 1 x 8-pin modular (RS232 serial)
- Direct Connect: 1 x 8-pin modular

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



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