

Matrox AV-F125RXF Avio F125 Dual-DVI Fiber Optic KVM Extender (Receiver)

This listing is for AV-F125RXF only. Use description below as a general reference.

The Avio AV-F125RXF Dual-DVI Fiber Optic KVM Receiver from Matrox is used in tandem with an Avio AV-F125TXF Dual-DVI Fiber Optic KVM Transmitter and allows you to remotely or locally control a computer over fiber optic cables. The transmitter unit (sold separately) captures the I/O functionality of the host computer and sends it uncompressed over a single duplex LC-LC fiber optic cable (sold separately) to the receiver unit, letting you separate the computer from the user environment and place it in a climate-controlled machine room.

This device receives audio, dual digital video, and USB signals, and is suitable for design, 3D visualization, process control, broadcast, post-production, industrial, and military applications where system performance and security are key requirements. Its high-bandwidth transmission maintains system performance and does not introduce any latency or dropped frames.

Features:

- 10Gbps SFP+ transceivers enable uncompressed video transmission at full frame rate across a single duplex LC-LC fiber optic cable
- Smooth HD, 2K, 4K video playback without dropping any frames
- Two Single-link DVI monitor or one Dual-link DVI display support
- USB HID ports for keyboard, mouse, touchscreens and other HID devices.
- USB 2.0 high-speed support for touchscreens, printers, scanners, hard drives, as well as isochronous USB 2.0 audio and video devices (available with Avio F125)
- Maximum distances of 400 m (1312 ft) in multimode and 10 km (6.2 mi) in single- mode ¹
- Digital-to-analog conversion enables support for 2x VGA monitors with a maximum resolution of 1920x1200 60Hz
- Analog stereo audio support to place audio devices such as speakers, microphones and headphones away from the system
- DDC compliance and advanced EDID management ensure a reliable communication between the system and the remote displays
- HDCP compliance for protected content playback (available with Avio F125) ²
- PS/2 keyboard and mouse support for industrial or legacy systems
- Local outputs on the Avio transmitter unit for easy maintenance or to share the remote desktop on a collaborative video wall
- Passive cooling (no fan) for silent operation and extra reliability
- On-screen Display (OSD) to view diagnostic information and access advanced configuration options
- Rack mountable or stand alone units
- Plug & play design for easy deployment with no software installation
- Compatibility with Microsoft® Windows®, Mac OS X®, Linux® and UNIX® operating systems
- Compatible with select layer one fiber optic network switches
- Global sales and technical support