

Matrox Avio F120



Dual-DVI Fiber Optic KVM Extender Delivers Uncompromised Performance

Matrox Avio F120 KVM Extender solutions let you separate the computer from the user environment and place it in a secure, climate controlled machine room. Matrox Avio consists of a transmitter and receiver pair, which captures uncompressed dual digital video, keyboard, mouse, analog audio and USB HID devices from the host system and extends them up to 2000m (6561 ft) over a single duplex LC-LC fiber optic cable. Matrox Avio's flexible design enables a single product to extend either two single-link DVI or one dual-link DVI video to the remote location, along with other peripheral devices – making it one of the most feature-rich KVM extender solutions available on the market. In addition, a secondary user can access the host computer from the transmitter unit, a feature which enables servicing over long distances and optimal performance in collaborative work environments as well as situations where multiple operator redundancy is required.

Key Features:

- Extends dual HD-videos, analog stereo audio, USB HID devices, Keyboard and Mouse over a single fiber optic cable
- Uncompressed transmission delivers exceptional image quality, video and graphics performance over long distances
- Supports a maximum distance of 300m (984 ft) in Multimode and 2000m (6,562 ft) in Single-Mode¹
- Extends two DVI single-link video with a maximum resolution of 1920x1200 60Hz on each display
- Extends one dual-Link DVI video with a maximum resolution of 2560x1600 60Hz
- Features four USB HID ports on the receiver unit for keyboard, mouse, touchscreens and other HID devices
- Extends analog stereo audio for devices such as speakers, microphones and headphones away from the system
- Advanced EDID management and DDC compliance ensure reliable communication between the system and the remote displays
- Local outputs on the Avio F120 transmitter serves as a secondary user access to the host computer
- On-screen Display (OSD) to view diagnostic information and access advanced configuration options
- Easy to deploy, compatible with Windows®, Linux/Unix and Mac® operating systems
- Rack mountable or stand alone units

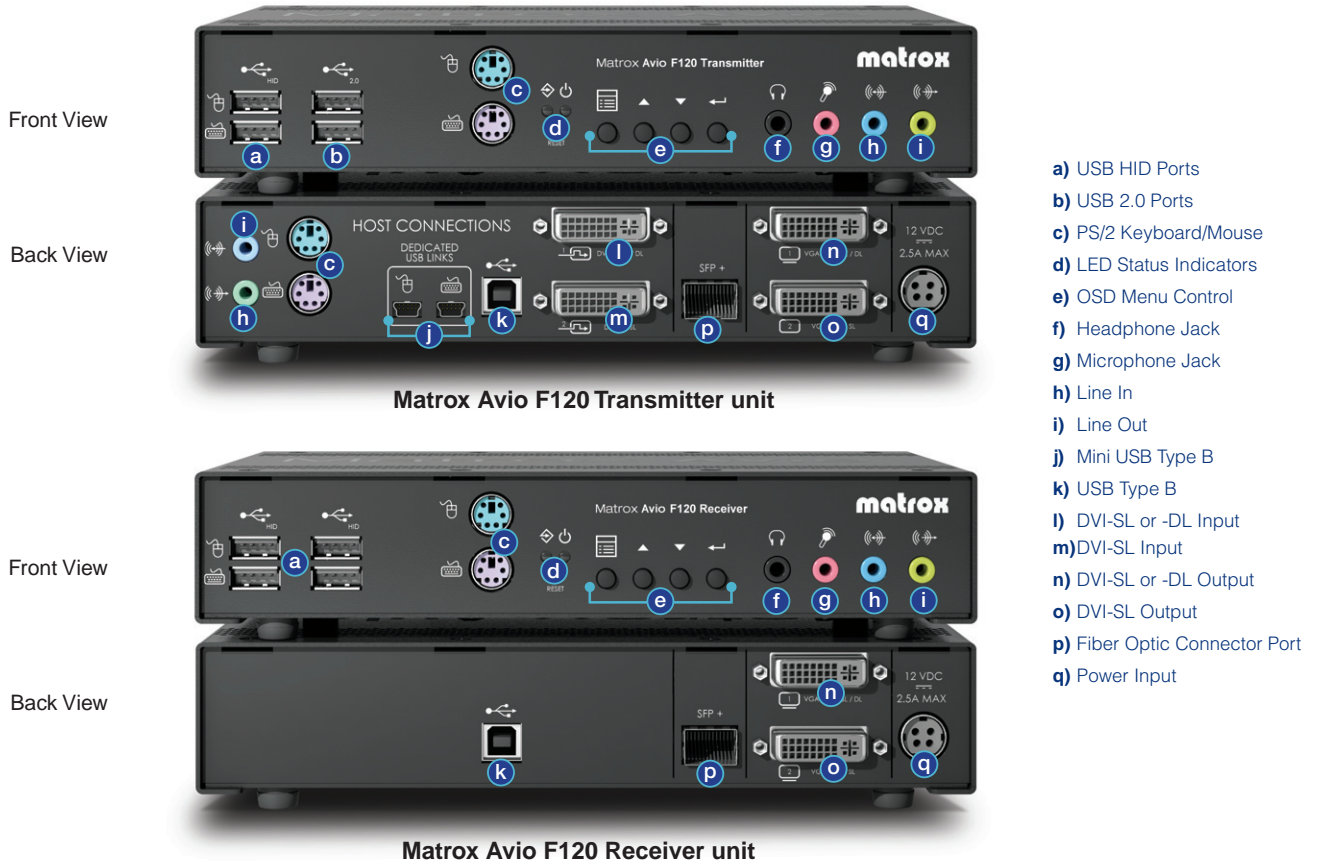
¹ Optional single-mode upgrade kit required (Part# AV-SFP10G-2SMF)



Span the Distance in High-Performance Environments

Matrox Avio, designed and engineered by Matrox, is the ideal fiber optic extension solution for graphics intensive design and visualization applications. Its high bandwidth fiber optic transmission maintains system performance, creating the same plug & play experience at the remote user station as expected when working directly at the local workstation. Matrox Avio is a valuable resource for mission-critical environments where high reliability and data security are key requirements, as data transmission via fiber optic cable safeguards against eavesdropping and interference/disruption.

Matrox Avio F120 KVM Extender



Multiple Features. One Solution.

With a broad range of features and connectivity options that work to ensure a high level of versatility and flexibility, Matrox Avio KVM Extenders provide a single solution with possibilities for use in many application areas including, CAD design, process control, 3D visualization, oil & gas simulation, military & defence, pro AV and digital signage, control rooms, air traffic control, broadcast and post-production. Contact us to learn how Matrox Avio Series can work for you.

Matrox Avio Product Line-up.

Product Avio KVM Extender	Part number	Description
Matrox Avio F120 Transmitter	AV-F120TXF	Matrox Avio F120 Transmitter unit with multimode transceivers
Matrox Avio F120 Receiver	AV-F120RXF	Matrox Avio F120 Receiver unit with multimode transceivers
Matrox Avio Accessories (Sold Separately)		
Matrox Avio Single-Mode Upgrade Kit	AV-SFP10G-2SMF	A pair of single-mode SFP+ Transceivers for Matrox Avio F120 Transmitter and Receiver units
Matrox Avio Rack Mount Kit	AV-RMK-19F	19" Rack mount tray for Matrox Avio F120
Matrox Avio Audio Cable	CAB-Audio-TRS6F	3.5MM Stereo cable (Male to Male) - 6 feet
Matrox PS/2 cable	CAB-PS2-6F	PS/2 Male to Male cable - 6 feet
Matrox Mini USB Cable	CAB-USBAMB-6F	USB-A (Male) to Mini USB B cable (Male) - 6 feet

Learn More or Purchase

North America: 800-361-1408
 International: 514-822-6366
 Email: graphics@matrox.com

© 2012 Matrox Graphics, Inc. All rights reserved. Matrox reserves the right to change specifications without notice. Matrox and Matrox product names are registered trademarks in Canada or other countries and/or trademarks of Matrox Electronic Systems, Ltd and/or Matrox Graphics Inc. All other company and product names are registered trademarks and/or trademarks of their respective owners.

April 2012

matrox[®]
 Graphics for Professionals