

Matrox AV-F125TXF Avio F125 Dual-DVI Fiber Optic KVM Extender (Transmitter)

Avio F120			Avio F125	
Product	Transmitter	Receiver	Transmitter	Receiver
Part Number	AV-F120TXF	AV-F120RXF	AV-F125TXF	AV-F125RXF
Connections to Host System				
Video Connector #1	1x DVI-D SL/DL	-	1x DVI-D SL/DL	-
Video Connector #2	1x DVI-D SL	-	1x DVI-D SL	-
USB HID Type Mini-B	2	-	3	-
USB 2.0 Type B	1	-	1	-
PS/2 Keyboard	1	-	1	-
PS/2 Mouse	1	-	1	-
Line In 3.5mm	1	-	1	-
Line Out 3.5mm	1	-	1	-
Connections to Local Devices				
Video Connector #1 ¹	1x DVI-I SL/DL	1x DVI-I SL/DL	1x DVI-I SL/DL	1x DVI-I SL/DL
Video Connector #2	1x DVI-I SL	1x DVI-I SL	1x DVI-I SL	1x DVI-I SL
Analog VGA ²	2	2	2	2
USB HID Type A	2	4	2	2
USB 2.0 Type A	2	-	2	4
PS/2 Keyboard	1	1	1	1
PS/2 Mouse	1	1	1	1
Mic In 3.5mm	1	1	1	1
Headphone out 3.5mm	1	1	1	1
Line In 3.5mm	1	1	1	1
Line Out 3.5mm	1	1	1	1
USB Type B (Debug Port)	-	1	-	1
Maximum Video Output Resolution				
DVI Single Link (SL)	2x 1920x1200 60Hz		2x 1920x1200 60Hz	
	2x 2048x1080 60Hz		2x 2048x1080 60Hz	
DVI Dual Link (DL)	1x 2560x1600 60Hz		1x 2560x1600 60Hz	
	1x 4096x2160 24Hz, 30Hz		1x 4096x2160 24Hz, 30Hz	
Analog VGA	2x 1920x1200 60Hz		2x 1920x1200 60Hz	
General				
Status LED Indicators	2	2	2	2
OSD Menu	Yes	Yes	Yes	Yes
HDCP Compliant ³	-	-	Yes	Yes
Enclosure Dimensions	8.5"x1.65"x5.34"	8.5"x1.65"x5.34"	8.5"x1.65"x5.34"	8.5"x1.65"x5.34"
Standalone (S) or Rack-Mountable (R)	S/R	S/R	S/R	S/R
Power Supply Unit (PSU)	1x external 12V	1x external 12V	1x external 12V	1x external 12V
Cables Included ⁴	2x DVI-D Cables, 1x USB A-B, 4x Power Cords	4x Power Cords	2x DVI-D Cables, 1x USB A-B, 2x 3.5mm Audio Stereo Cable, 4x Power Cords	4x Power Cords
Connection between Transmitter and Receiver units ⁵				
LC Connectors	2		2	
Maximum Distance in Multimode (MM)	400 m (1312 ft) - OM3, OM4 multi-mode 50/125 µm 82 m (269 ft) - OM2 multi-mode 50/125µm 33 m (108 ft) - OM1 multi-mode 62.5/125µm			
Maximum Distance in Single-Mode (SM)	10 km (6.2 mi) - OS2 single-mode 9/125 µm 2 km (1.2mi) - OS1 single-mode 9/125 µm			
Certification				
EMC Certification	Class A: ACMA, CE, FCC, VCCI, KCC			

Laser Emissions	850 um laser compliant to 21CFR, Subpart J, Class 1
Warranty	2-years