

## Matrox AV-F120TXF Avio F120 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
<b>Connections to Host System</b>				
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	-
<b>Connections to Local Devices</b>				
Video Connector #1 <sup>1</sup>	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 <sup>2</sup>	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
<b>Maximum Video Output Resolution</b>				
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	
<b>General</b>				
Status LED Indicators	2	2	2	2
OSD Menu	Yes	Yes	Yes	Yes
HDCP Compliant <sup>3</sup>	-	-	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 <sup>4</sup>	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
<b>Connection between Transmitter and Receiver units<sup>5</sup></b>				
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			
<b>Certification</b>				
EMC Certification	Class A: ACMA, CE, FCC, VCCI, KCC			

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