

BEK-960F

DVI with Audio KVM Extender over Single Fiber



BE-960FT Receiver

BE-960FR Transmitter

The BEK-960F is a perfect solution that extends WUXGA (1920x1200) DVI-D with audio and USB keyboard/mouse across single Fiber. The extender contains an AV-960FT transmitter unit and an AV-960FR Receiver unit. Based on 1.25Gbps Multi-mode Transceiver with adopt visually lossless video compression algorithm technology, the device achieves razor sharp audio/video quality, real time USB keyboard/mouse performance in noisy environments. An optional 2-way RS232 and IR extension is also available on a specific model.

Features:

- Support PC DVI-D 1920x1200@60Hz resolution with Low Latency Time (<0.5us).
- Guarantee 550 meters in noisy environments.
- Only One Fiber Cable Required for DVI + Audio + USB.
- Real time USB keyboard/mouse performance, no mouse moving delay at Receiver site.
- Support bi-directional audio extension, speaker/headset and microphone at Receiver site.
- Support optional IR extension, you can use IR controller at Receiver site to control the set-top box/Blue-Ray at Transmitter site.
- Support optional 2-way RS232 extension for display or system control.
- Pure hardware design, plug-and-play, no additional software installation is required.

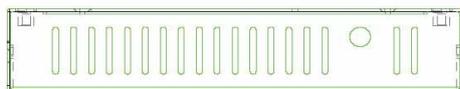
Specifications:

Model No.		Transmitter		Receiver	
		BE-960FT	BE-960FTS	BE-960FR	BE-960FRS
Connectors	DVI-D Input	1		N/A	
	DVI-D Output	N/A		1	
	IR (Option)	Yes			
	USB	Mini-USB to PC		2 x USB-A to keyboard/mouse	
	Audio	1 x Line-in and 1 x Line-out		1 x Line-out and 1 x Mic-in	
	Power	12V 2A			
	System Port	SC connector			
	RS-232	N/A	1	N/A	1
Resolution		1920X1200@60Hz (or 1080p)			
Inter-connect Cable		Single Multimode SC-SC Optical Fiber			
Center Wavelength		1310/1550 nm			
Laser Safety		IEC-60825 compliant			
Distance		550 meters with MMF			
Environment	Operation Temperature	0~70°C			
	Storage Temperature	-20~85°C			
	Humidity	0~80% Non-condensing			
Physical Properties	Material	Metal with standard 100 x 100 VESA mount support			
	Weight	625 g		625 g	
	Dimension	153 x 110 x 29 mm		153 x 110 x 29 mm	

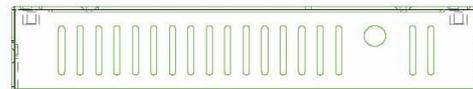
Mechanical Drawing (VESA Mount Design)

BE-960FT

BE-960FR

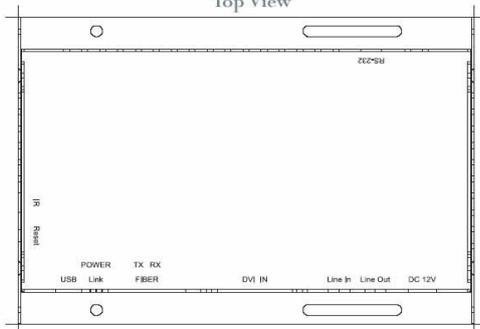


Rear View

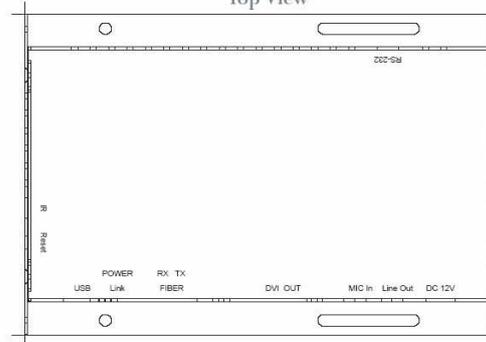


Rear View

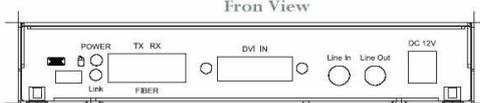
Top View



Top View



Front View



Front View

