

# BEK-960

## DVI with Audio KVM Extender over Gigabit Ethernet PHY



**BE-960R Receiver**

**BE-960T Transmitter**

The BEK-960 is a perfect solution that extends WUXGA (1920x1200) DVI-D with audio and USB keyboard/mouse across a CAT6 up to 180 meters. The extender contains a BE-960T transmitter unit and a BE-960R Receiver unit. Based on 1000BT Gigabit Ethernet transceiver physical layer with adopt visually lossless video compression algorithm technology, the device achieves razor sharp video quality and robust performance in noisy environments. An optional 2-way RS232 extension is also available on a specific model.

### Features:

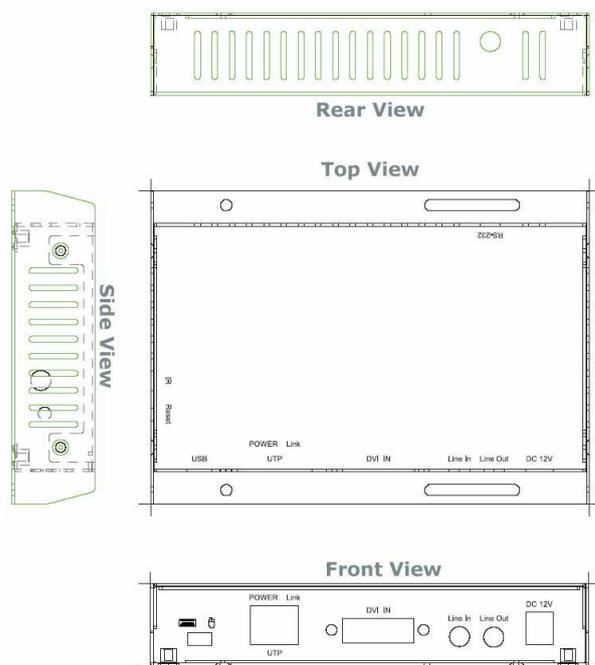
- Support PC DVI-D 1920x1200@60Hz resolution with Low Latency Time (<0.5us).
- 1000BT Gigabit Ethernet transmission, guarantee CAT6 180 meters in noisy environments.
- Only One CAT6 Cable Required for DVI + Audio + USB.
- Very fast USB keyboard/mouse performance, no mouse moving delay at Receiver site.
- Support bi-directional audio extension, you can have 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-960T	BE-960TS	BE-960R	BE-960RS
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	1 x RJ45 Female Gigabit			
	RS-232 (option)	N/A	1	N/A	1
Resolution		1920X1200@60Hz (or 1080p)			
Inter-connect Cable		CAT 6/7 (CAT5e is not recommend)			
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-960T



### BE-960R

