BE-962b V3

IP based Dual Head HDMI KVM Extender *over* one UTP or SFP Fiber Cable

The BE-962b V3 is an IP Unicast based solution that extends Dual head of 4K30 with USB and 3.5mm audio, plus 2-way RS-232 across one CAT6 cable up to 100M in 1080p/4K30, or one SFP Fiber Module up to 10KM with SM/300M with MM SFP,the distance is up to SFP module.



The extender contains a Transmitter unit and a Receiver unit. Based on 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 environment. There is just one network cable to transmit dual screens with 1080p or 4k@30 HDMI and usb/RS-232/Audio signals at the same time.

Features

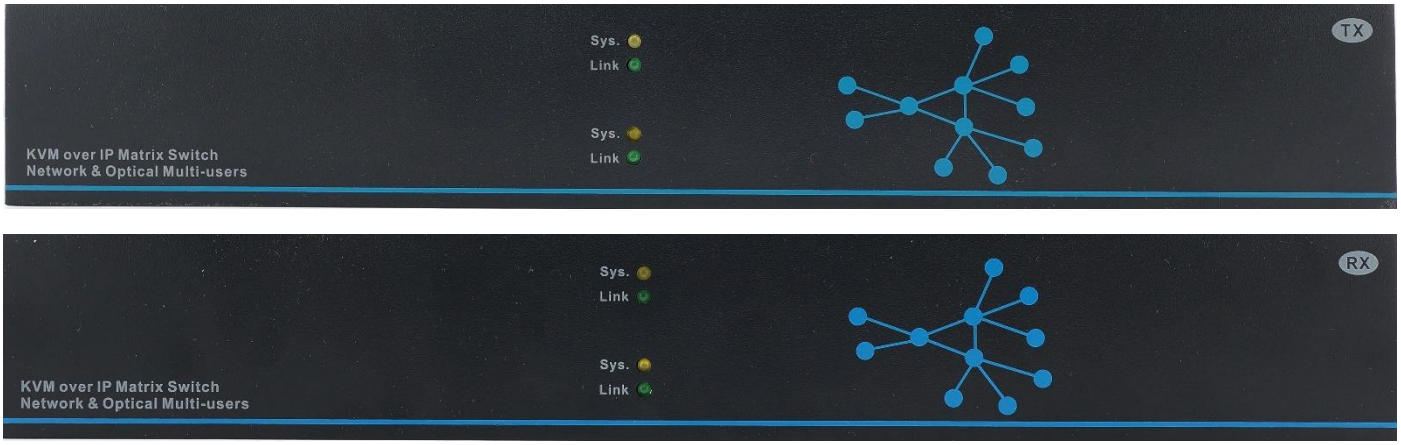
- Support Dual Head 4K30, 1920x1200@60Hz resolution with Low Latency Time.
- Support IP based Gigabit Ethernet Switch for physical layer transmission, built in both RJ-45 and SFP connection.
- Support 4 x USB 2.0 ports for keyboard, mouse, touch, storage.
- Support bi-directional 3.5mm audio, speaker and microphone at Receiver site.
- Support Auto EDID from Rx screen.
- Pure hardware design, plug-and-play, no additional software installation is required.
- The distance of transmission supports 1920x1200,1080p:170m,4k@30:100m.
- Support just one UTP cable or one Fiber cable to transmit dual screens.

Panel View

BE-962b V3 Tx & Rx Rear panel



BE-962b V3 Tx & Rx Front panel



Specification

Model No.		BE-962bT V3 Transmitter	BE-962bR V3 Receiver
Connectors	HDMI 1.4 In	2	N/A
	HDMI 1.4 Out	N/A	2
	IR (option)	Yes	
	USB	1 x USB-B to PC upstream	4 x USB-A to devices
	3.5mm Audio	1 x Line-In and 1 x Line-Out	1 x Line-Out and 1 x Mic-In
	Power	DC 12V	
	System port	1 x RJ45 and 1 x SFP	
	RS-232	3-pin terminal connector, maximum baud rate 115200 bps	
Resolution		Maximum 4K30	
Inter-connect Cable		CAT 6/7 or SM/MM Fiber cable	
Power consumption		RJ45 ≤ 240mA/SFP ≤ 220mA	RJ45 ≤ 160mA/SFP ≤ 200mA
Environment	OP Temperature	0 ~ 55°C	
	ST Temperature	-20 ~ 85°C	
	Humidity	5 ~ 90% Non-condensing	
Physical Properties	Material	Metal	
	Weight	1Kg	1Kg
	Dimension (L x W x H)	295 x 95 x 44 mm	295 x 95 x 44 mm