BE-962b/DP-962b Tx

IP based Dual Head HD KVM Extender *over* UTP and SFP Fiber



The BE-962b/DP-962b Tx is an IP Unicast based solution that extends Dual head of 4K30 with USB and 3.5mm audio, plus 2-way RS-232 across CAT6 cable up to 170M in 1080p/100M in 4K30, or SFP Fiber Module up to 10KM with SM/300M with MM SFP.

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.

Features

- Support Dual Head HDMI/DP 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 6 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 by Cat6/Cat6a cable.

Panel View

DP-962b Tx Front and Rear Panel



BE-962b Tx Front and Rear panel





BE-962b Rx Front and Rear panel





Specification

Model No.		BE-962B/DP-962b Transmitter	BE-962bR Receiver
Connectors	HD /DP 1.4 In	2	N/A
	HD 1.4 Out	N/A	2
	IR (option)	Yes	
	USB	2 x USB-B to PC upstream	6 x USB-A to devices
	3.5mm Audio	2 x Line-In and 2 x Line-Out	2 x Line-Out and 2 x Mic-In
	Power	DC 12V	
	System port	2 x RJ45 and 2 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 with standard 100 x 100 VESA mount support	
	Weight	1350 g	950 g
	Dimension (L x W x H)	438 x 85 x 44 mm	240 x 85 x 48 mm