# BE-962b-S/DP-962b-S Tx/BE-961b-S Rx

## IP based Dual Head HD KVM Extender *over* UTP

The BE-962b-S/DP-962b-S 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.




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 RJ-45 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






| Model No. | | BE-962B-S/DP-962b-S Tx Transmitter | BE-962B-S Rx Receiver |
|---|---|---|---|
| Connectors | HDMI /DP 1.4 In | 2/2 | N/A |
| | HDMI/ 1.4 Out | N/A | 2 |
| | 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 | |
| | RS-232 | 3-pin terminal connector, maximum baud rate 115200 bps | |
| Resolution | | Maximum 4K30 | |
| Inter-connect Cable | | CAT 6/7 cable | |
| Power consumption | | RJ45 ≤ 240mA | RJ45 ≤ 160mA |
| 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) | 160 x 85 x 48.2/160 x 98.7 x 48.2mm | 160 x 85 x 48.2 mm |