

4K computer interface extender

Model:KH5000

Features

- 4K HDMI+USB2.0 peripheral+audio+RS-232+IR extension and expansion through the computer host signal through the network cable or optical fiber cable.
- The signal can be extended up to 150 meters through the network cable, and the resolution can reach 4K @30Hz.
- The signal can be extended up to 80 kilometers (optical fiber single-mode) through the optical fiber line, and the resolution can reach 4K@30Hz.
- Through the extension of the Gigabit network switch, it can reach 1 host computer to multiple console devices.
- Support 3.5mm audio interface input.
- The receiving end supports 4-port USB2.0, which can be connected to USB peripheral devices, such as printers...etc.
- Safe switching mode: In the mode of connecting multiple groups of keyboards and mice, the operator needs to press the switching security button, which can avoid the confusion of multiple groups of keyboards and mouse.
- Control mode: IR/RS-232.
- Support POE power supply, the switch supplies power to the transmitter and receiver.

Diagram



Specification

Model Name	KH5000
Transmitter	1 x HDMI (Type A Female), 1 x USB (Type B Female), 1 x SFP (fiber optic port), 1 x RJ-45, 2 x 3.5mm, IR x 1, 1 x RS232
Receiver	1 x HDMI (Type A Female), 4 x USB (Type A Female), 1 x SFP (fiber optic port), 1 x RJ-45, 2 x 3.5mm, IR x 1, 1 x RS232
Support input resolution	4K/2K 30Hz 1080p 60Hz / 1080p 50Hz / 1080p 30Hz / 720p 50Hz / 720p 60Hz / 480p 60Hz
Transmission distance	150 meters can be connected in series through network switches; optical fiber up to 80 kilometers
Cable length	Can be connected to a 28AWG HDMI cable up to 5 meters long, it is recommended to use an extender to extend the distance beyond this length
Power supply	Transmitter and receiver DC 12V 1A power input
Dimensions	Transmitter/Receiver 125 x 83 x 25mm (LxWxH)

Package Contents

- 1 X KH5000T Transmitter
- 1 X KH5000R Receiver
- 2 X 12V 1A Adapter
- 1 X HDMI cable
- 1 X USB2.0 cable
- 1X User manual