Ultra HD KVM Visual Management Receiver TS-9506KPR-C

Embedded software: smart hybrid matrix switching embedded software V2.72

Description

It is a 4K KVM transmission terminal with HDMI output, VGA output, RJ45 input and optical input. Using proprietary network protocol technology, it supports standard network cable or optical fiber transmission, and supports KVM signal transmission to realize remote KVM functions such as switching and controlling computer hosts across network segments and systems. Moreover, it supports real-time two-way transmission of serial port and USB data.

Feature

* Using a distributed architecture, when any node in the system fails, it will not affect the other nodes.
* Support 1 HDMI video signal output, and the maximum resolution of 3840*2160@30fps; support 1920*1080P@60pfs, backward compatible; VGA interface supports video output, and the maximum resolution of 1920*1080P@60pfs.
* Support 3.5mm audio signal or embedded audio output simultaneously with the video signal, support independent switching function of image and audio.
* Support 4K*2K video transmission resolution, support HDMI1.4 and HDCP1.4 standards, backward compatible.
* Support hot plugging of network ports and fiber optic cables, support dual link backup.
* Support USB2.0 data transparent transmission, support the use of USB peripherals such as U disk, Ukey, CA certification, mobile hard disk, mobile CD-ROM, etc.
* Support the mouse roaming function between multiple screens of KVM seats; the delay from signal acquisition to output screen is less than 17ms.
* Support KVM permission management function, support quick access to OSD menu and quick scene takeover through hotkeys.
* Support KVM collaboration, support push/capture of any screen to the display or large screen, support user interaction reminders, support accepting or rejecting each other's requests.
* Using YUV 4: 2: 2 picture sampling, lossless image quality and color space.
* Support IR two-way transmission.
* With 1*RS232 control interface, 1*RS485 control interface, 2*I/O interface, support environmental IoT control.
* With 1 link shortcut switch and 1 video compression switch, it can quickly control the terminal status.
* Support EDID management.
* Support remote firmware upgrade of the input box through background management, no need to upgrade locally, reducing the workload of maintenance personnel.

Specification

Model	TS-9506KPR-C
Digital video output	1*HDMI digital video interface, 1*VGA analog video interface
External audio output	1*3.5mm audio output interface
Input interface	1*fiber interface, 1*network interface
Serial port	1*RS232 control interface, 1*RS 485 control interface, 2*I/O interface
IR interface	1*IR TX interface, 1*IR RX interface
USB interface	2*USB 2.0 interface (KVM), 2*USB 2.0 interface (USB data transparent transmission)
Image quality	YUV422, lossless image quality and color space
Maximum HDMI output resolution	3840*2160P@30Hz
Maximum VGA output resolution	1920*1080P@60Hz
Power supply	DC12V-1.5A
Rated power consumption	18W
Dimension (L*W*H)	215mm×105mm×45mm
Weight	About 800g
Ambient temperature	-10℃~+45℃
Ambient humidity	10%-80%