Ultra HD KVM Visual Management Transmitter

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

TS-9506KPT-C

Description

It is a 4K KVM transmission terminal with HDMI input, RJ45 output, optical output and VGA local loop out. 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 input, and the maximum resolution of 3840*2160@30fps; support 1920*1080P@60pfs, backward compatible; VGA interface supports video loop out, and the maximum resolution of 1920*1080P@60pfs.
* Support 3.5mm audio signal, support simultaneous acquisition and transmission of embedded audio along with video signal, support independent switching function of image and audio.
* Support external audio and HDMI audio optional.
* 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 screen preview and monitoring of input signals, easy to operate; support screen looping out.
* 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-9506KPT-C
Digital video input	1*HDMI digital video interface
External audio input	1*3.5mm audio input interface
Output interface	1*optical interface, 1*network interface, 1*VGA analog video 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	1*USB-A interface, support USB-HID, support USB2.0 transparent transmission
Image quality	YUV422, lossless image quality and color space
Maximum HDMI input 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%