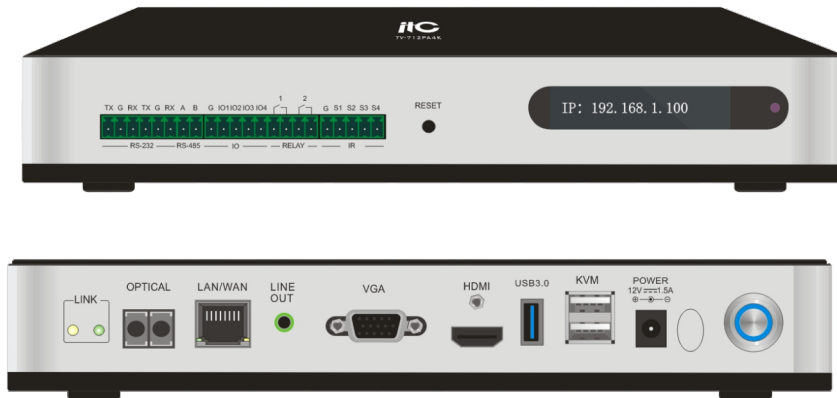




4K Ultra HD Output Box

TV-712PA4K



Description:

It adopts the most advanced embedded video codec processor in the industry. It can decode and display multiple channels of videos with different resolutions. It also supports 4-channel 4K video H265 decoding, splicing, overlay, roaming and other functions, supports display screen with multiple resolutions, and integrates functions such as central control, KVM, etc.

Feature:

- * Adopt distributed architecture. When any node in the system fails, it will not affect the normal operation of other nodes.
- * Adopt ultra-low power consumption design. Support dual power supply of POE and adapter. The maximum power consumption is only 7W. Good cooling and silent fanless design, no noise during operation.
- * Adopt high-performance H.265 video decoding technology. Compatible with H.264 video encoding. Support HD video signal 3840*2160@30fps output.
- * Support scaling, cutting, splicing, overlaying, synchronizing and displaying the decoded video. Support 1 × 1, 2 × 2, 3 × 3 and other layout methods. Support manual customization of the number of rows and columns.
- * Support screen division function. Single-screen output video window can reach 4-channel 4K*2K(3840*2160)@30fps or 16-channel 1920x1080P30 1920*1080@30fps.
- * Support AAC-LC audio codec.
- * Support power-off memory function to prevent data loss.
- * Through system background management, it supports remote firmware upgrade of the input box without space limitation to reducing the work intensity of maintenance staff.
- * The box comes with one-key reset function of the dynamic IP.
- * Support 1-channel HDMI and VGA video output, and 1-channel 3.5mm audio output. Support HDMI audio output, support synchronous and asynchronous audio, video transmission and switching, and support 16-way mixing function.
- * Support KVM seating management function. We can switch the KVM seating signal by the signal management interface. A set of keyboard and mouse can be operated on multiple monitors, and the desktop is simple.
- * Support KVM function, support control computer, LED wall video window switching and other functions; support mouse roaming cross-screen function; support cross-platform operation, including Windows, Linux, Mac and other system platforms.
- * KVM seating management can realize real-time information capture. Agents can capture any display or large-screen information to the local screen through a set of keyboard shortcuts and OSD menus. The information on the local screen can also be graphically displayed (non-Text) to any screen or large screen. Support KVM seating multi-screen mouse roaming function, and KVM seating single screen multi-screen mouse roaming function.
- * System KVM function supports OSD menu quick takeover, supports visual preview of 10 signal source screen and information, making the operation more convenient.
- * Support subtitle function. We can change font color, font size, and position, and display on the video layer; support icon function.
- * Support central control function. Support RS-232, RS-485, I / O port, infrared signal input and output signals, which can be customized.
- * Support the factory setting of the startup screen and display the IP function of the machine.
- * Support push ultra HD basemap function to display wall or distributed nodes through management software or background web page, support 1: 1 lossless display.

Specification:

Model	TV-711PA4K
Resolution	Support 3840*2160@30fps
Codec capability	Support H.264 / H.265 video encoding, AAC-LC audio encoding
Video interface	1×HDMI, 1×VGA
Audio interface	1×3.5mm stereo audio output
USB interface	1×USB3.0 interface, 2×USB(KVM interface)
Serial port	1×RS-485, 2×RS-232
Relay port	2×RELAY OUT
I/O port	4×I/O ports
Network interface	1 × RJ45, 10/100 / 1000Base-T, support POE
Fiber interface	1 SFP + fiber interface
Power supply	DC12V/POE
Maximum power consumption	7W
Ambient temperature	-10℃~45℃ (working state), -10℃~70℃ (non-working state)
Ambient humidity	5%~90% (working state)
Dimension	222*117*40mm
Weight	1Kg