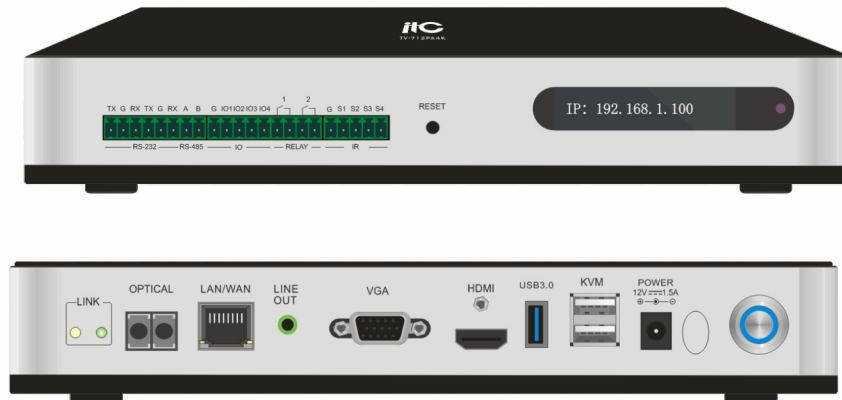




# 4K UHD Output Box

## 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 H.265 decoding, splicing, overlaying, 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 splitting 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 reduce the work intensity of maintenance staff.
- \* Support one-key reset function of the dynamic IP.
- \* Support 1 HDMI and VGA video output, and 1 3.5mm audio output. Support HDMI audio output, support synchronous and asynchronous audiovisual transmission and switching, and support 16 channels of mixing functions.
- \* Support KVM seating management function. We can switch the KVM signals by the signal management interface. A set of keyboard and mouse can be operated on multiple monitors, and the desktop is neat.
- \* 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-picture 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, support the changes of 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, support customized configuration.
- \* Support the factory setting of the startup screen and display the native IP function.
- \* Support the push of UHD base map function to video wall or distributed nodes through management software or background web page, support 1: 1 lossless display.

### Specification:

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