



# Seamless HD Matrix Switcher

Embedded software: intelligent hybrid matrix switch software V2.16  
TS-9472UHM



## Description:

Hybrid seamless matrix switcher is a flexible matrix signal switcher. With high-performance hardware design, it perfectly supports switching and processing of various HD digital/analog signals. It provides a one-stop solution for various video and control signal distribution/switching/processing in various industries, which can be widely used in broadcast and television projects, multimedia conference halls, LED video wall projects, TV teaching, command centers and other places.

## Feature:

- \* It adopts pure hardware standardized chassis design and supports 72×72-channel signal switching.
- \* Support HDMI, DVI, VGA, SDI, HD BaseT, optical fiber or any input / output signal board, improve system flexibility. DVI input board is compatible with CVBS, YUV, VGA signal, VGA input / output board are compatible with CVBS, YUV, VGA.
- \* Customized configuration of various types of the same or different I/O boards to form a matrix of single interface type or multi-interface type, such as HDMI matrix, DVI matrix, VGA matrix, YUV matrix, etc.
- \* The input and output resolution supports 4K@60Hz.
- \* Support seamless switching function, no black screen signal during the switching process.
- \* It adopts multi-threaded communication technology, supports access to 1 control board, has 1 RS-232 interface, 1 RS-485 interface, 1 TCP/IP port, and supports extended touch screen control.
- \* Support audio and video signal synchronization switching, switching response speed is fast.
- \* Support analog audio and HDMI embedded audio selection input.
- \* Support analog audio and HDMI embedded audio output at the same time.
- \* HDBaseT input and output signals support bidirectional RS-232 and bidirectional IR signal transmission, which can switch between RS-232 and IR signals with video signal, or separate switching mode, and support POC external power supply.
- \* Support power-off memory protection to avoid repeated setting action when power off.
- \* Configure redundant power supply and support hot plug.
- \* Multiple preset instructions can be stored in the system, which can be switched with one button when calling.
- \* It adopts infinite scaling algorithm and video codec processing technology, supports adjustment of picture chroma, brightness, contrast, color temperature, gamma value, etc., and supports HDR picture quality enhancement function.

## Specification:

|                            |  |
|----------------------------|--|
| Model                      | TS-9472UHM   |
| Input board                | 18   |
| Output board               | 18   |
| Control board              | 1  |
| Input channel              | 72   |
| Output channel             | 72   |
| Serial port                | 1×RS-232 (9-pin female D-type interface)                   |
| Baud rate and protocol     | 9600; data bits: 8 bits, stop bits: 1, no parity           |
| RS-485control interface    | 4-digit 3.8mm Phoenix interface, used with a touch panel   |
| Ethernet control interface | RJ-45 female interface                                     |
| Ethernet control rate      | Adaptive 10M/100M, full or half duplex                     |
| Power supply               | AC 100V~240V, 50/60Hz, international adaptive power supply |
| Environment temperature    | -20°C—+70°C  |
| Dimension                  | 484 x 356 x 712mm (L*W*H)                                  |
| Weight                     | 36Kg (without IO board)                                    |