



# Seamless HD Matrix Network Switcher

Embedded software: HD seamless hybrid matrix switch software V3.20  
TS-9408UHM-P



## Description:

Hybrid seamless matrix network switcher is a flexible matrix signal network 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 8×8-channel signal switching.
- \* Support any input/output signal board of HDMI, DVI, VGA, SDI, HD BaseT, optical fiber to improve the flexibility of the system, in which the DVI input board is compatible with CVBS, YUV, VGA signals, VGA input/output boards are compatible with CVBS, YUV, VGA signals.
- \* By custom configuration of various types of the same or different input and output boards, it can form a single-interface or multi-interface matrix, such as HDMI matrix, DVI matrix, VGA matrix, YUV matrix and so on.
- \* The input and output resolution supports 4K@60Hz.
- \* Support seamless switching function, no black screen during switching.
- \* 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 synchronous switching of audiovisual signals, fast switching response speed.
- \* Support analog audio and HDMI embedded audio selection input.
- \* Support analog audio and HDMI embedded audio output at the same time.
- \* HD BaseT input and output signals support bi-directional RS-232 and bi-directional IR signal transmission. RS-232 and IR signals can be selected to switch with video signals or separate switching modes, and support POC external power supply.
- \* The front panel is equipped with a 7-inch full-color touch screen, which supports matrix channel switching through touch screen control.
- \* The scene can be called, switched and saved through the front panel touch screen, and the scene name can be customized.
- \* The device IP address, channel information, and switching status can be viewed through the touch screen on the front panel, and the IP address can be set and reset.
- \* The touch screen on the front panel supports bilingual switching between Chinese and English.
- \* Support power-off memory function to avoid repeated setting actions after power-off.
- \* Multiple sets of pre-switching instructions can be stored in the system, and can be switched with one key when called.
- \* 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-9408UHM-P
Input board	2
Output board	2
Control board	1
Input channel	8
Output channel	8
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 bit
RS-485 control interface	4-digit 3.8mm Phoenix interface, used with a touch panel
Display screen	7-inch full-color touch capacitive screen
Ethernet control interface	RJ-45 female interface
Ethernet control rate	Adaptive 10M/100M, full duplex or half duplex
Power supply	AC 100V~240V, 50/60Hz, international adaptive power supply
Ambient temperature	-20°C—+70°C
Dimension (mm)	484 (L) x 356 (W) x 132 (H)
Weight	5.3KG (without any boards)