

# MV-C16

## SEAMLESS HD MATRIX SWITCHER



### FEATURE

- It adopts pure hardware standardized chassis design and supports 8×8-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, Video 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.
- 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 call, switch and save operations can be performed through the touch screen on the front panel, 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.
- Support channel switching status display, support output resolution display, support board access status display, etc.
- 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 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.

### 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.

**Technical specifications****MV-C16**

Input board	4
Output board	4
Control board	1
Input channel	16
Output channel	16
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-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 or half duplex
Power supply	AC 100V~240V, 50/60Hz, International adaptive power supply
Environment temperature	-20°C ~ +70°C
Dimension (mm)	484(L) x 356(W) x 222(H)
Weight	16.5Kg (full of IO boards)

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*Performance specifications are typical. Due to constant research, specifications are subject to change without notice. For the most up-to-date specifications, please contact an authorized Starview representative.*

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