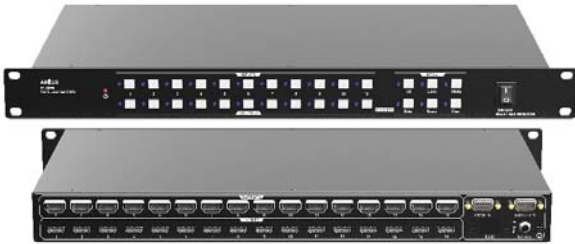


# MAX-HDMI1616S

## HDMI 1.4 4K seamless 16x16 Matrix Switching



The MAX-HDMI1616S is a professional 16x16 HDMI 1.4 Seamless Matrix Switcher with EDID management. It includes 16 HDMI inputs, 16 HDMI outputs. The matrix switcher features comprehensive EDID management to ensure maximum functionality with a wide range of video sources.

The matrix switcher supports RS-232 control options.

### Features

- Supports seamless and fast switching from multiple inputs to multiple outputs.
- Supports HDMI/DVI for both inputs and outputs, supports resolution up to 3840x2160@30Hz.
- Input and output color space support RGB4:4:4, YCbCr4:4:4, YCbCr4:2:2, etc..
- Built-in 7 different EDID for inputs, default 1920x1080@60Hz 2ch, supports user defined.
- Input is compatible with DVI / HDMI signal.
- Output support combo port default 9 output resolutions selectable.
- Output signal combination port format support HDMI, DVI.
- Support low power consumption standby and power cut off memory.
- Supports continuous hot-plugging and unplugging of HDMI interface.
- Support two-way serial port control, panel key control, optional network port control.
- 1U height 19-inch standard cabinet mount chassis

### Technical specification

#### Video

Input	16 x HDMI
Input Connector	16 x Type-A female HDMI
Input HDMI Resolution	Up to 4K@30Hz RGB4:4:4, YCbCr4:4:4, YCbCr4:2:2
Output	16 x HDMI
Output Connector	16 x Type-A female HDMI
Output HDMI Resolution	Up to 4K@30Hz RGB 4:4:4,
HDMI Standard	1.4
HDCP Version	1.3
HDMI Embedded Audio	PCM

#### Control

Control Port	1 x RS232 in, 1 x RS232 out
Port Connector	1 x DB9 RS232 input female connector, 1 x DB9 RS232 output male connector,
Keys	White button (Supports switching and scene calling)

#### General

Transmission Distance	1080P ≤ 15m; 4K ≤ 5m;
Bandwidth	10.2Gbps
Working Temperature	0°C~+40°C
Storage Temperature	-10°C~+50°C
Relative Humidity	10%~90%
Power Supply	DC 12V 5A
Size (W*D*H)	437mm x 236mm x 44mm
Net weight	About 3.5 kg

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### Typical applications

- Any integration that requires multi format inputs over a long distance or requires HDBT outputs.
- Schools (Classroom, Lab, Hall etc.) • Churches • Corporate Applications (Board Room, Function Room etc) • Rental

### Diagram

