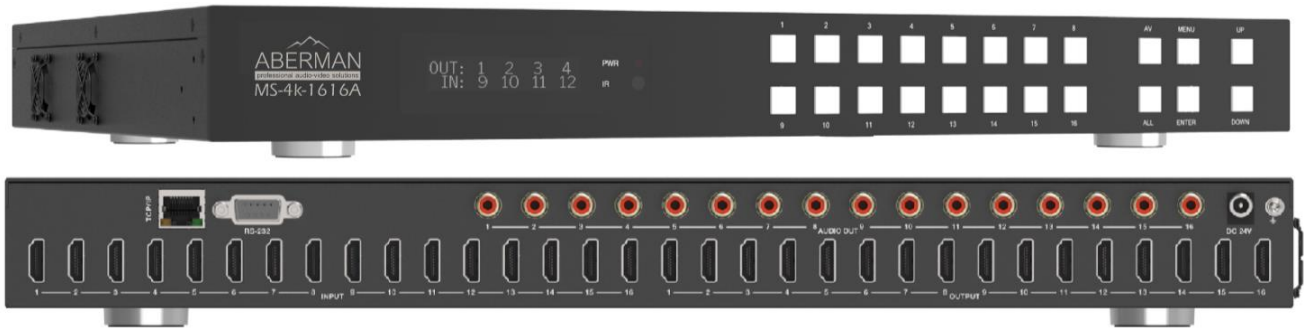


HDMI Matrix Switcher



MS-4K-1616A



MS-4K-1616A – is an 18Gbps 16x16 UHD Matrix Router. The device contains 16 inputs and 16 outputs. Each input and output supports up to 4K60 444 resolution and HDCP 2.2. The outputs can be individually scaled for 1080p. De-embedded audio as coaxial is available for both outputs. The ARC function can return display device audio to coaxial port output. Advanced EDID management is supported. With its 18Gbps bandwidth and the additional features with latest HDMI standards. This switcher can be controlled from the front panel, RS-232, IR remote, or TCP/IP. Simple and powerful control abilities allow using unit in any modern system, thanks to IP and RS232 interfaces with open API. Unit housed in robust metal case good enough for protecting and cooling the system components. The device can be installed in a standard 19" rack and takes 1U space.

Features:

- Multi interface matrix routing system 16x16
- Sixteen 18G HDMI 2.0 video inputs support up to 4K60 444 resolution
- Sixteen 18G HDMI 2.0 video outputs support up to 4K60 444 resolution
- Eight outputs can be individually scaled for 4K→1080p
- De-embedded audio to Coaxial ports output
- ARC, CEC and smart EDID management are supported
- Built-in Web GUI for TCP/IP control
- OLED display on front panel
- Four methods of control: Front panel, RS-232, IR remote and TCP/IP
- 1U rack mounted design

Package Contents:

- 1 x 16x16 HDMI 2.0 18Gbps Matrix Switcher
- 1 x Power adapter 24V/3,75A
- 1x IR Remote
- 2x Mounting Ears
- 1x RS-232 serial cable (1.5 meters, male to female head)
- 1x User Manual

Modular Matrix



Specification:

SKU	MS-4K-1616A
Type	HDMI Matrix Switcher
HDMI Compliance	HDMI2.0
HDCP Compliance	HDCP1.4/2.2
Bandwidth	18Gbps
Color Scales, Subsampling	RGB, YUV, 4:2:0, 4:2:2, 4:4:4
Supported Resolutions	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 3840x2160, 4096x2160
Supported Modes	Matrix/ARC
Control Ways	Front Control, IR, Open API, GUI
RS232	115200 Baud, data bit 8, stop bit 1, no parity
IP Ethernet Network Compliance	1x TCP/IP, 10/100Mbit, RJ45
Mechanical	
Input / Output	16 / 16
Power Supply	DC 24V/3,75A
ESD Protection	±8kV air-gap, ±4kV contact (human body model discharge)
Enclosure Material	Metal
Finished Colour	Black
Rack Mount	1U
Dimension	440x200x44mm
Weight	3.1 kg
Operating Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Relative Humidity	20%~90% (non-condensing)

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