
VM0202H

2x2 4K HDMI Matrix Switch



MARKET STRUCTURE

16%

23%

31%

25%

10%

Region C

Securitized financial assets

with steady growth

Region E

High quality of technology service

and innovation

25%

FIRST OPTION

Ordering form sent by email

50%

SECOND OPTION

Purchase inquiry made on social media

75%

THIRD OPTION

Purchase made via online stores

4K

VM0202H

2 x 2 4K HDMI Matrix Switch

HDMI

(3D, 4K, Deep Color)

4K

Up to 4096 x 2160 @60Hz (4:2:0)

Diverse Control

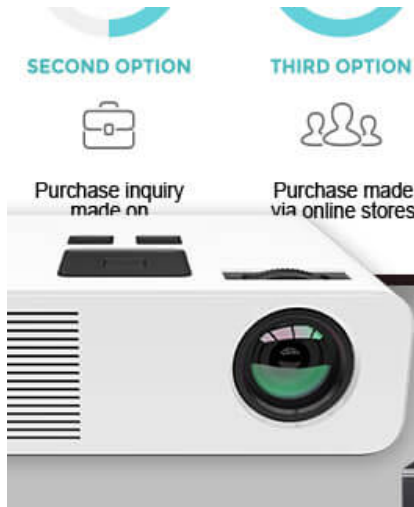
ATEN

2x2 HDMI Matrix Switch VM0202H

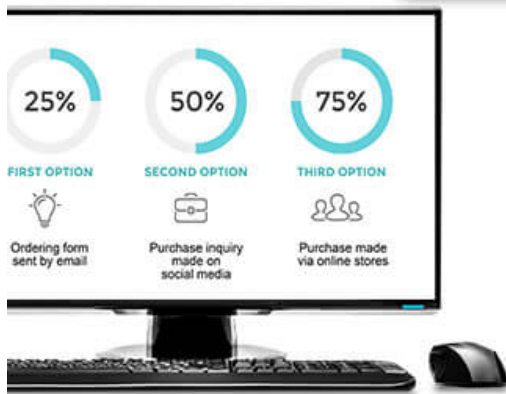
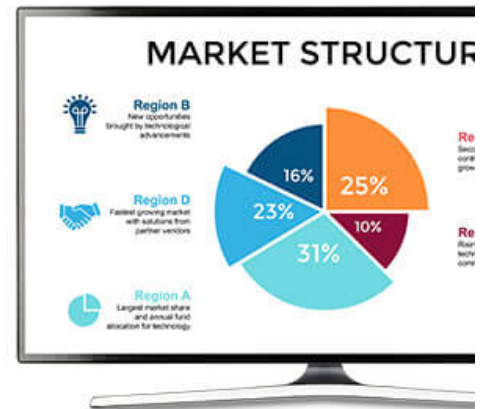
4K HDMI

Ideal for Managing Content Across 2 Displays

The VM0202H is a compact 2 x 2 matrix switch compatible with HDMI source and display devices. Any input can be routed to any output, reducing the need for you to move devices or cables when displaying content from different HDMI sources on different outputs. It is ideal for meeting rooms and classrooms, as well as any venue where you need to switch between 2 different video sources on different displays.

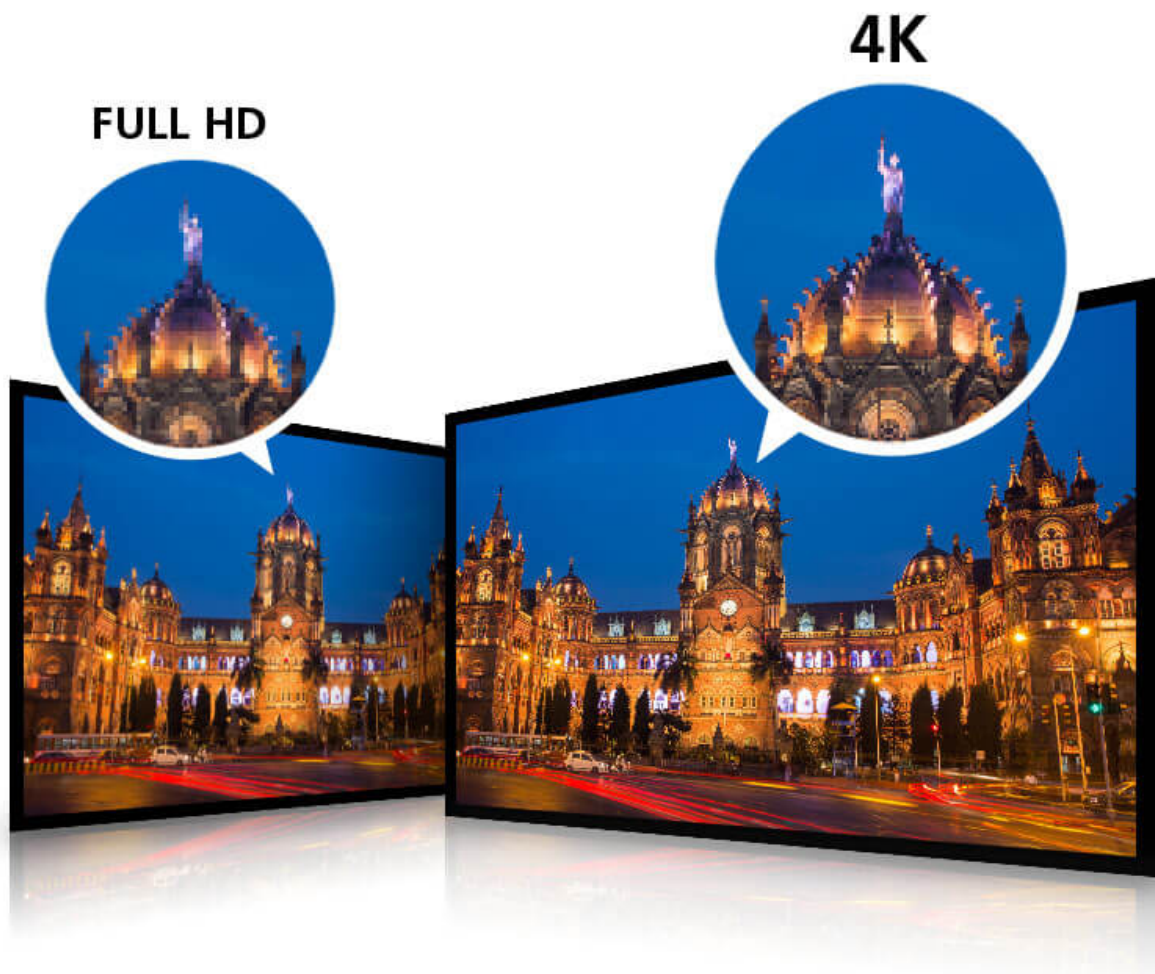


Display Devices



Source Devices





Stunning Video Quality with 4K

Featuring support for up to 4096x2160@60Hz (4:2:0) resolutions, the VM0202H delivers brilliant video quality with amazing detail.

Multiple Control Options for Easy Operation

The VM0202H offers both manual and remote control options to make your operations easy. You can switch inputs to outputs and adjust audio settings manually through front panel pushbuttons. For remote control, simply plug-n-play the IR receiver and the corresponding IR remote. In addition, you can even integrate VM0202H with your preferred control interface via RS-232.



The VM0202H is a 2 X 2 HDMI Matrix Switch that meets HDMI Specification features including 3D, Deep Color up to 12-bit, and data rates up to 10.2 Gbps. Engineered for the future trend of high-definition video switching, the VM0202H supports computer and video signals at resolutions up to 4K.

The VM0202H matrix switch provides high performance routing of 2 HDMI video sources such as HD camcorders, satellite boxes, HD-DVD players, high-definition Blue-ray players, home theater PCs and stand-alone streaming media players to any 2 HDMI displays. The remote control and convenient front panel pushbuttons allow you to efficiently cycle through HDMI source devices and displays, while the front panel LEDs indicate the source device for each display at a glance.



Features

- Connects 2 HDMI sources to any 2 HDMI displays
- HDMI (3D, Deep Color, 4k); HDCP 1.4 Compatible
- Supports computer and video resolutions up to 4K
- Max. Data Rate 10.2 Gbps (3.4 Gbps Per Lane)
- Supports long distance transmission at a distance up to 15 meters
- Multiple Control Methods- system management via front panel push buttons, IR remote and RS- 232 control
- Consumer Electronics Control (CEC) allows interconnected HDMI devices to communicate and respond to one remote control
- EDID Expert™ — Selects optimum EDID settings for smooth power- up, high- quality display and use of the best video resolution across different screens
- Supports ATEN's Lock Pro™ HDMI cable lock for securing HDMI cable connections
- All- metal casing
- Firmware upgradable
- Rack mountable

Specification

| | |
|------------------------|--|
| Video Input | |
| Interfaces | 2 x HDMI Type A Female (Black) |
| Impedance | 100 Ω |
| Max. Distance | 5 m |
| Video Output | |
| Interfaces | 2 x HDMI Type A Female (Black) |
| Impedance | 100 Ω |
| Max. Distance | 15 m |
| Video | |
| Max. Data Rate | 10.2 Gbps (3.4 Gbps Per Lane) |
| Max. Pixel Clock | 340 MHz |
| Compliance | HDMI (3D, 4K, Deep Color) HDCP 1.4 Compatible Consumer Electronics Control (CEC) |
| Max. Resolution | Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4) |
| Max. Distance | Up to 15 m |
| Control | |
| USB | 1 x Micro USB F/W upgrade |
| RS-232 | Connector: 1 x DB-9 Female (Black) Baud rate and protocol: Baud Rate: 19200, Data Bits: 8, Stop Bits:1, Parity: No, Flow Control: No |
| IR | 1 x Mini Stereo Jack Female (Black) |
| EDID Settings | EDID Mode: Default / Port1 / Remix |
| Carton Lot | 5 pcs |
| Physical Properties | |
| Weight | 0.58 kg (1.28 lb) |
| Housing | Metal |
| Dimensions (L x W x H) | 20.00 x 7.60 x 4.20 cm (7.87 x 2.99 x 1.65 in.) |
| Connectors | |
| Power | 1 x DC Jack (Black) |
| Power Consumption | DC5V:4.3W:20BTU |

| Environmental | |
|-----------------------|---|
| Operating Temperature | 0-40°C |
| Storage Temperature | -20 - 60°C |
| Humidity | 0 - 80% RH, Non-Condensing |
| Note | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format. |

Diagram

