

2 x 2 True 4K HDMI Matrix Switch with Audio De-Embedder VM0202HB

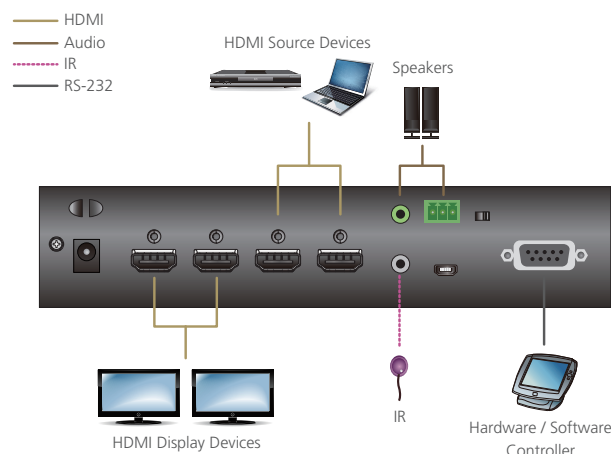
- The VM0202HB is a 2 x 2 True 4K HDMI Matrix Switch featuring audio de-embedding. The VM0202HB offers an easy and affordable way to route True 4K high-definition HDMI video and audio. Supporting video resolutions up to 4096 x 2160 @ 60Hz (4:4:4), HDR, audio de-embedder, and data rates up to 18 Gbps, the VM0202HB delivers robust signal routing and swift digital video/audio switching that is perfect for most AV applications.

The VM0202HB matrix switch delivers superior video resolutions up to 4096 x 2160 @ 60Hz (4:4:4), and also provides high-performance routing of 2 HDMI video sources such as high-definition Blu-ray players, home theater PCs, camcorders, DVD players, satellite boxes and stand-alone streaming media players to any 2 HDMI displays. In addition, the built-in audio de-embedder allows HDMI audio extraction for independent analog audio output with ease. For efficient control and management, VM0202HB's remote control and front-panel pushbuttons provide a convenient way to cycle through HDMI video and audio sources with clear LED indication of the selected source.



Features

- Connects 2 HDMI sources to any 2 HDMI displays
- Max. Data Rate 18.0 Gbps (6.0 Gbps Per Lane)
- Supports True 4K resolutions up to 4096 x 2160 @ 60Hz (4:4:4) and HDR
- Audio de-embedder – HDMI audio can be extracted to stereo or Line-out audio
- Supports Dolby True HD and DTS HD Master Audio
- Auto switching – automatically detects and switches to a new source once connected (Default: off)
- Multiple Control Methods – system management via front-panel pushbuttons, IR remote, and RS-232 serial control
- Long-distance transmission up to 5 meters
- HDMI (3D, 4K, Deep Color); HDCP 2.2 Compatible
- 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 secure HDMI cable connections
- All metal casing
- Firmware upgradable
- Rack mountable



Specifications

	VM0202HB
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	5 m
Video	
Max. Data Rate	18.0 Gbps (6.0 Gbps Per Lane)
Max. Pixel Clock	600 MHz
Compliance	HDMI (3D, 4K, Deep Color)
	HDCP 2.2 Compatible
	Consumer Electronics Control (CEC)
Max. Resolution	Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:4:4)
Max. Distance	Up to 5 m
Audio	
Output	1 x Mini Stereo Jack Female; 1 x Captive Screw Connector, 3 pole
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
Connectors	
Power	1 x DC Jack (Black)
Power Consumption	DC5V:2.47W:11BTU
Environmental	
Operating Temperature	0 - 40° C
Storage Temperature	-20 - 60° C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	0.60 kg
Dimensions (L x W x H)	20.00 x 7.60 x 4.20 cm

Product information is subject to change without prior notice.

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Publish Date: 09/2020 V1.0



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