

## VM7804

### 4-Port HDMI Input Board



The VM7804 4-Port HDMI Input Board is offers an easy way to route any of 4 audio/video sources to any of 4 displays, in combination with an ATEN Modular Matrix Switch.

The VM7804 also supports HDMI audio can be extracted and stereo audio that can be embedded.



### Features

- Superior video quality – HDTV resolutions of 480p, 720p, 1080i and 1080p (1920 x 1080)
- HDMI (3D, Deep Color); HDCP 1.4 Compatible
- Consumer Electronics Control (CEC) support
- EDID Expert – selects optimum EDID settings for smooth power-up and the highest quality display
- Built-in EDID wizard – provides an easy way to customized EDID settings
- Hot-swappable design for easy integration of I/O boards
- Audio-enabled, HDMI audio can be extracted and stereo audio can be embedded

## Specifications

|                        |                                                                                                                                                                                                                                                                                                    |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video Input            |                                                                                                                                                                                                                                                                                                    |
| Interfaces             | 4 x HDMI Type A Female (Black)                                                                                                                                                                                                                                                                     |
| Impedance              | 100 $\Omega$                                                                                                                                                                                                                                                                                       |
| Max. Distance          | Up to 5m                                                                                                                                                                                                                                                                                           |
| Video                  |                                                                                                                                                                                                                                                                                                    |
| Max. Data Rate         | 6.75 Gbps (2.25 Gbps Per Lane)                                                                                                                                                                                                                                                                     |
| Max. Pixel Clock       | 225 MHz                                                                                                                                                                                                                                                                                            |
| Compliance             | HDMI (3D, Deep Color)<br>HDCP 1.4 Compatible<br>Consumer Electronics Control (CEC)                                                                                                                                                                                                                 |
| Max. Resolution        | Up to 1920 x 1080                                                                                                                                                                                                                                                                                  |
| Audio                  |                                                                                                                                                                                                                                                                                                    |
| Input                  | 4 x Captive Screw Connector, 5 Pole<br>*Audio signal type: stereo, balanced/unbalanced.                                                                                                                                                                                                            |
| Power Consumption      | 7W:33BTU/h<br><br>Note:<br><ul style="list-style-type: none"> <li>● The measurement in Watts indicates the typical power consumption of the device with no external loading.</li> <li>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.</li> </ul> |
| Environmental          |                                                                                                                                                                                                                                                                                                    |
| Operating Temperature  | 0 - 40°C                                                                                                                                                                                                                                                                                           |
| Storage Temperature    | -20 - 60°C                                                                                                                                                                                                                                                                                         |
| Humidity               | 0 - 80% RH, Non-Condensing                                                                                                                                                                                                                                                                         |
| Physical Properties    |                                                                                                                                                                                                                                                                                                    |
| Housing                | Metal                                                                                                                                                                                                                                                                                              |
| Weight                 | 0.58 kg ( 1.28 lb )                                                                                                                                                                                                                                                                                |
| Dimensions (L x W x H) | 35.20 x 23.80 x 2.33 cm<br>(13.86 x 9.37 x 0.92 in.)                                                                                                                                                                                                                                               |
| Carton Lot             | 2 pcs                                                                                                                                                                                                                                                                                              |
| Note                   | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.                                                                                                                                                                    |

**Diagram****ATEN International Co., Ltd.**

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