Simply Better Connections

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

Specification

Video Input	
Interfaces	4 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	Up to 5m
Video	
Max. Data Rate	6.75 Gpbs (2.25 Gbps Per Lane)
Max. Pixel Clock	225 MHz
Compliance	HDMI (3D, Deep Color) HDCP 1.4 Compatible Consumer Electronics Control (CEC)
Max. Resolution	Up to 1920 x 1080
Audio	
Input	4 x Captive Screw Connector, 5 Pole *Audio signal type: stereo, balanced/unbalanced.
Power Consumption	7W:33BTU
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 (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

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