

Optional Equipments

Available Input and Output Boards

Input Boards	Output Boards
VM7584 (10G Optical Input Board)	VM8584 (10G Optical Output Board)
VM7514 (HDBaseT Input Board)	VM8514 (HDBaseT Output Board)
VM7904 (DisplayPort Input Board)	—
VM7824 (True 4K HDMI Input Board)	VM8824 (True 4K HDMI Output Board)
VM7814 (4K HDMI Input Board)	VM8814 (4K HDMI Output Board)
VM7804 (HDMI Input Board)	VM8804 (HDMI Output Board)
VM7604 (DVI Input Board)	VM8604 (DVI Output Board)
VM7404 (3G-SDI Input Board)	—
VM7104 (VGA Input Board)	—

Specifications at a Glance

Combination	Modular Matrix Switch	VM3250								
	Input Board	VM7584K1/ VM7584K2	VM7514	VM7904	VM7824	VM7814	VM7804	VM7604	VM7104	VM7404
	Output Board	VM8584K1/ VM8584K2	VM8514		VM8824	VM8814	VM8804	VM8604		
Interface		Optical	HDBaseT (RJ-45)	DisplayPort	HDMI	HDMI	HDMI	DVI	VGA	3G-SDI (BNC)
Max. Video Resolution		4K@60Hz (4:2:0) ^b	4K@60Hz (4:2:0) ^b	4K@60Hz (4:2:0) ^b	4K@60Hz (4:4:4) ^a	4K@60Hz (4:2:0) ^b	1920 x 1080	1920 x 1200	1920 x 1200	1920 x 1080
Max. Distance	Input	VM7584K1: 300m VM7584K2: 10km	100m	5m	3m	5m	5m	5m	1.8m	SD: 300 m HD: 150 m 3G: 100 m
	Output	VM8584K1: 300m VM8584K2: 10km	100m	N/A	3m	15m	15m	5m	N/A	N/A
Audio		•	N/A	•	• ^c	• ^c	• ^c	• ^c	• ^c	• ^c
Scaler		VM8584 + VE883R ^d	VM8514 + VE805R / VE816R ^d	N/A	VM8824	VM8814	VM8804	VM8604	N/A	N/A
Video Wall		VM8584 + VE883R ^d	VM8514 + VE805R / VE816R ^d	N/A	VM8824	VM8814	VM8804	VM8604	N/A	N/A
Seamless Switching		VM8584 + VE883R ^d	VM8514 + VE805R / VE816R ^d	N/A	VM8824	VM8814	VM8804	VM8604	N/A	N/A
FrameSync		VM8584 + VE883R ^d	VM8514 + VE816R ^d	N/A	VM8824	VM8814	N/A	N/A	N/A	N/A
Cable Quality Tester		N/A	VM8514 + VE816R ^d	N/A	•	•	N/A	N/A	N/A	N/A
RS-232 Channel		•	•	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IR Channel		•	•	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Note : a. True 4K resolutions are only supported when the VM7824 and VM8824 are used with the VM3250.

b. 4K resolutions are only available when the Scaler is disabled. When the Scaler function is implemented, the highest resolution available is 1080p. The Scaler function is enabled by default.

c. HDMI audio signal can be extracted to stereo audio output; stereo audio can be embedded into the HDMI audio output.

d. Certain functions depend on video extender model used.

Available Accessories

VM-PWR800	Video Matrix Power Module
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Input voltage	100 - 240Vac
Power Consumption	Max. Load 800 W
Operating temp.	0° to 40° C

VM-FAN556	Video Matrix Fan Module
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Airflow	55.2 cfm
Operating voltage	10.2 - 12Vdc
Operating temp.	-10° to 60° C

Rack Mount Kits (Optional)

Easy Installation Rack Mount Kit	Rack Depth
2X-034G (Short)	41 to 72 cm
2X-035G (Long)	68 to 108 cm