

VZ-PRO-MX

ViewZ®
DRIVING VISUAL INNOVATION

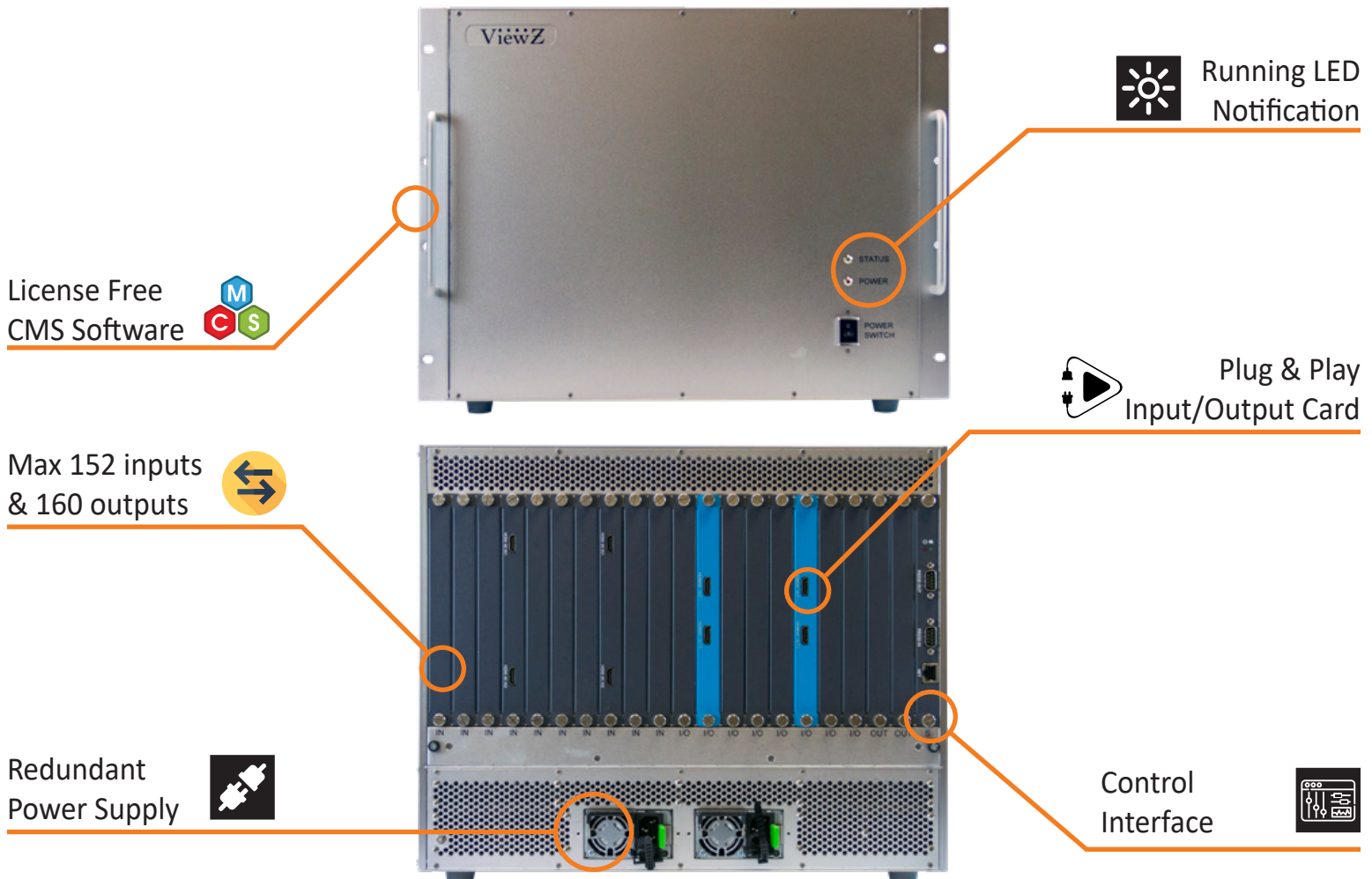
Video Wall Controller

VZ-PRO-MX ADVANTAGES

- Support Max 3840 x 2160 @60 Hz
- Hot-Pluggable Structure and High Integration of Chassis
- Advanced Remote Control Software via TCP/IP
- Multiple Videowall Setting
- Built-in Matrix Function
- Synchronized Sub Monitor can be added
- Maximum Input and Outputs of 152 x 160
- Pure Hardware Structure, no Operating System and High Stability
- 19inch Rack Mount Capability
- Serial Control RS-232C Available
- Rack Mountable
- 3 year Warranty

VZ-PRO-MX Series is a FPGA-design professional high-performance image processing 4K video wall controller. It can display multiple images on multiple screens in real time without loss of frames for full function multi-window splicing. This advanced control device provides an ideal image processing solution for security operations centers, traffic control centers and other similar applications.

This wall controller adopts the large-scale high performance FPGA array and high-speed digital switching technology architecture and combined with full digital hardware design concept, provides a CPU-free operation and offers powerful processing capabilities such as broadband video signal acquisition and real-time high resolution digital image processing. VZ-PRO-MX uses digital multibus paralleling and digital multibus data switching processing mechanism that can fundamentally ensure all the input signal sources are processed with real-time processing and data consistency without delay, discretization and frame loss.

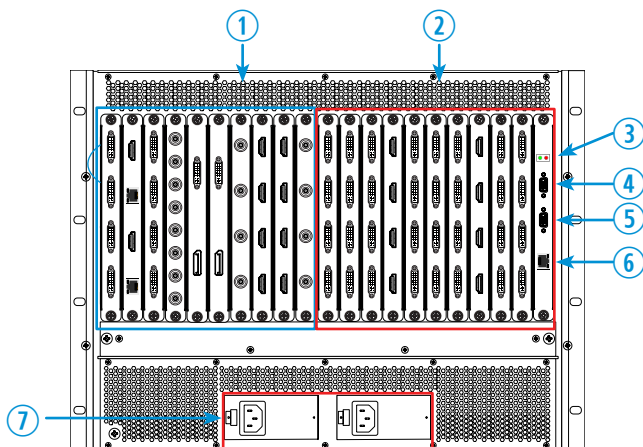


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MODEL # VZ-PRO-MX	8RU	12RU	18RU	26RU
	SPECIFICATIONS			
Frame Number	VZ-	VZ-	VZ-	VZ-
Total Card Support	20	40	60	80
Max Input Card	18	38	38	76
Max Output Card	10	20	20	40
	RESOLUTION			
Max Resolution	3840 x 2160 @30Hz			
Max Bit Rate	25 Gbps per card			
Support Layers	Up to 4 layers for 4K (8 Layers for 2K) per output card			
Max Preset / Group	32 per group / 4			
	INTERFACE			
Input Card	HDMI 2.0 - 1 Input Up to 3840x2160/60p HDMI 1.4 - 2 Inputs Up to 3840x2160/30p HDMI 1.3 - 4 Inputs Up to 1920x1080/60p DVI - 4 Inputs Up to 1920x1080/60p SDI - 2 Inputs Up to 1920x1080/60p BNC - 8 Inputs CVBS IP - 1 Input H.265 IP Decoder - Decode up to 4 (4K) or 16 (1080p)			
Output Card	HDMI 2.0 - 1 Output Up to 3840x2160/60p HDMI 1.4 - 2 Outputs Up to 3840x2160/30p HDMI 1.3 - 4 Outputs Up to 1920x1080/60p DVI - 4 Outputs Up to 1920x1080/60p HDBase-T - 4 Outputs Up to 1920x1080/60p			
Ethernet 10/100 (RJ45)	1 (Remote Control)			
RS232 In / Out	1 (Serial Control/IR Receiver) / 1			
USB	For Firmware Update			
	WEIGHT & DIMENSIONS			
Dimensions (W x H x D)/ unit: inch	19 x 13.96 x 11.86	19 x 20.96 x 11.86	19 x 32.04 x 11.86	19 x 45.46 x 16
Dimensions (W x H x D)/ unit: mm	482.52 x 354.75 x 301.4	482.52 x 532.25 x 301.4	482.52 x 814 x 301.4	482.52 x 1154.85 x 406.4
Net Weight	39.6 lbs / 18kg	44 lbs / 20kg	55 lbs / 25kg	88 lbs / 40kg
19inch Rack Mount	Support			
	REMOTE CONTROL			
Serial Control (RS232C) / Network	Yes (DB9 Connector) / TCP/IP (RJ45)			
Remote Control Software for TCP/IP	Multiview Controller Software (Compatible with Windows XP/7/8/10)			
	GENERAL			
Power Input	100 - 240V AC			
Power Consumption (Full load)	< 450 Watts	< 800 Watts	< 1000 Watts	< 2000 Watts
Redundant Power Supply	Support			
Operating Temperature	22 ~ 122°F / -5 ~ 50°C			
Operating Humidity	5% - 95% Non-Condensing			
Cooling Fan	Support			
	OPTION			
HDMI Cable Extension Unit (VZ-1TRX-4K)	4K60 Support up to 230feet(70m) / Requires DC5V power			

INTERFACE



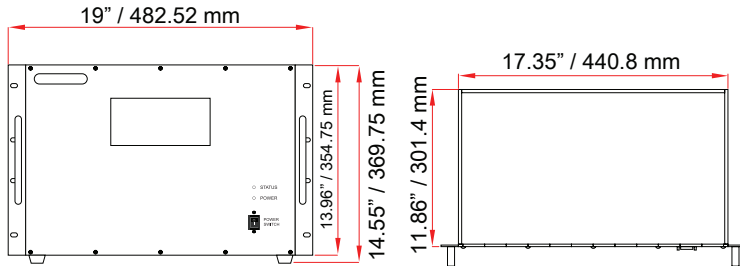
1. External Input Sources - HDMI, DVI, VGA, YPbPr, CVBS, SDI, DP, IP In
2. Output for Videowall Monitors - HDMI, DVI, Fiber Optic Out
3. Status LED
4. RS232 In - Serial Control / IR Receiver
5. RS 232 Out
6. Ethernet 10/100 (RJ 45)
7. Redundant AC 100-240V In

VZ-PRO-MX

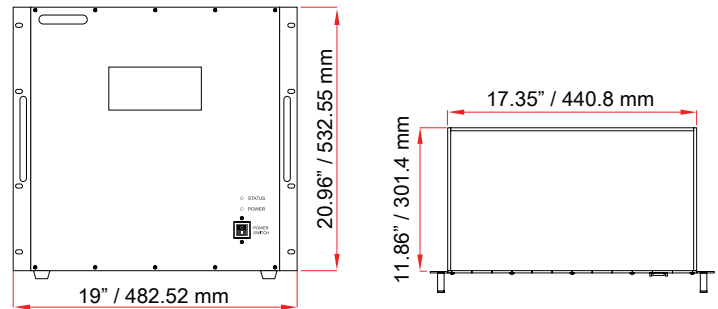
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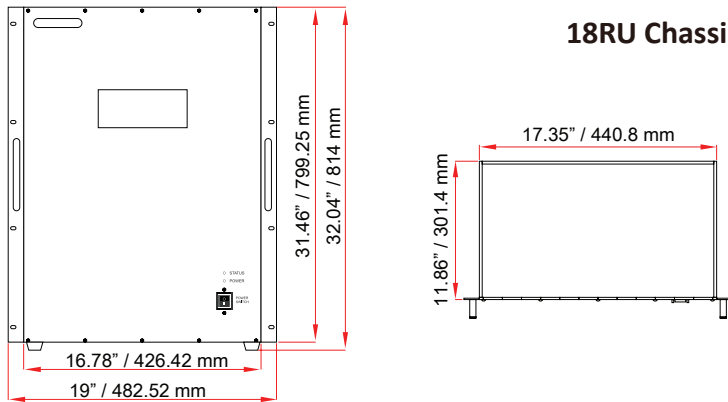
8RU Chassis



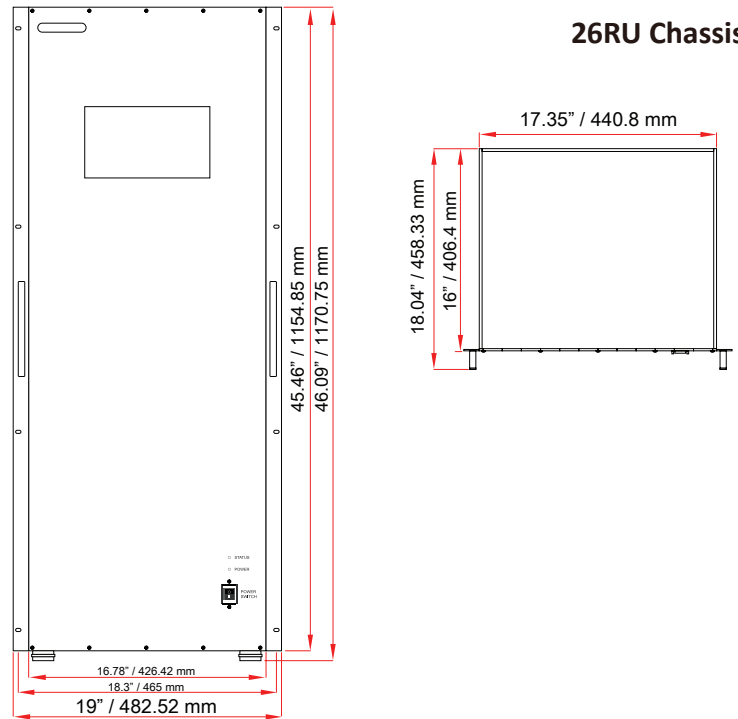
12RU Chassis



18RU Chassis



26RU Chassis



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* Availability of product may vary by country / region.

* Product specifications in this brochure can change. Please confirm details on our website.

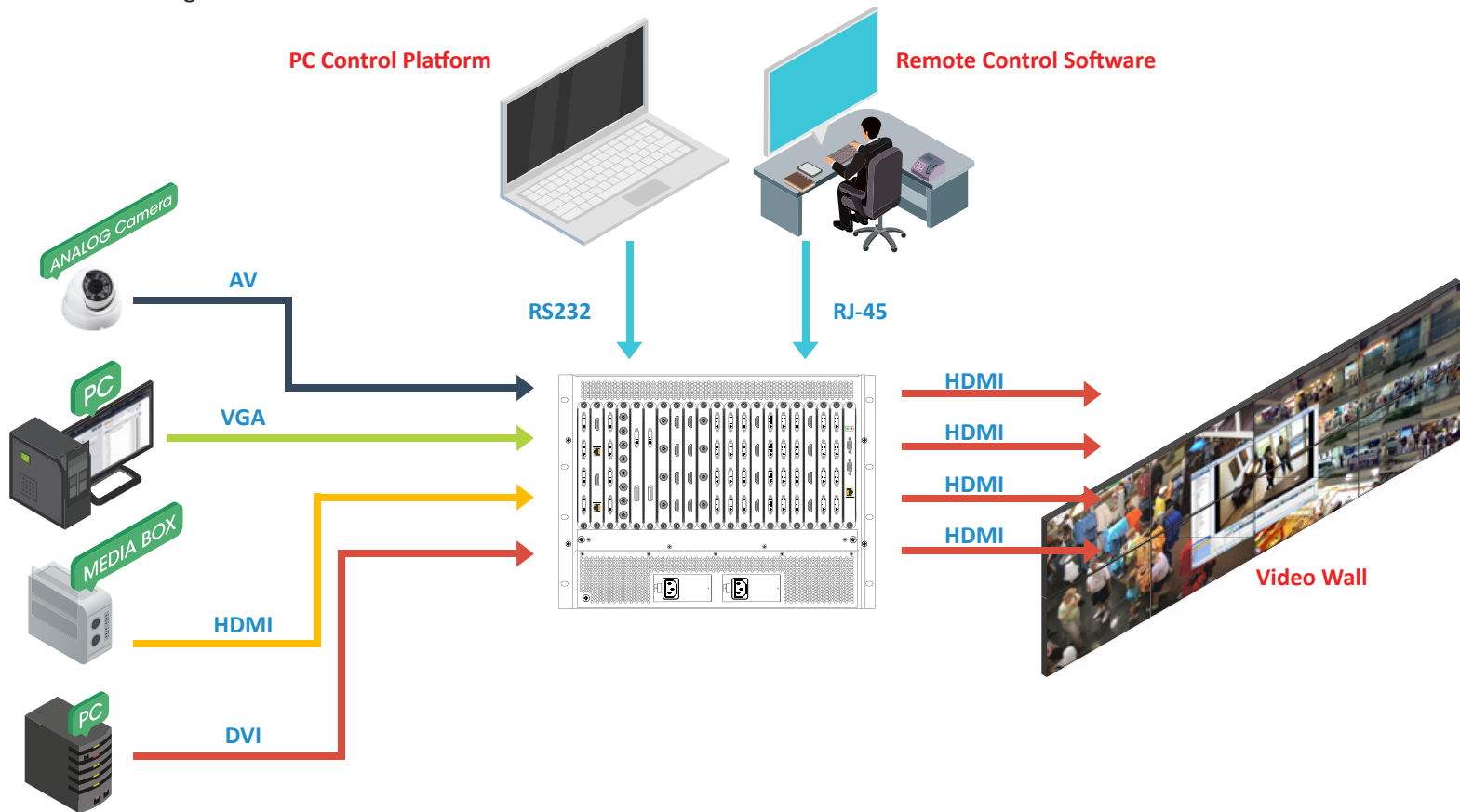
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- Sales : sales@viewzusa.com

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Connection Diagram



Multiple Video Walls can be controlled

