

VZ-PRO-ST ADVANTAGES

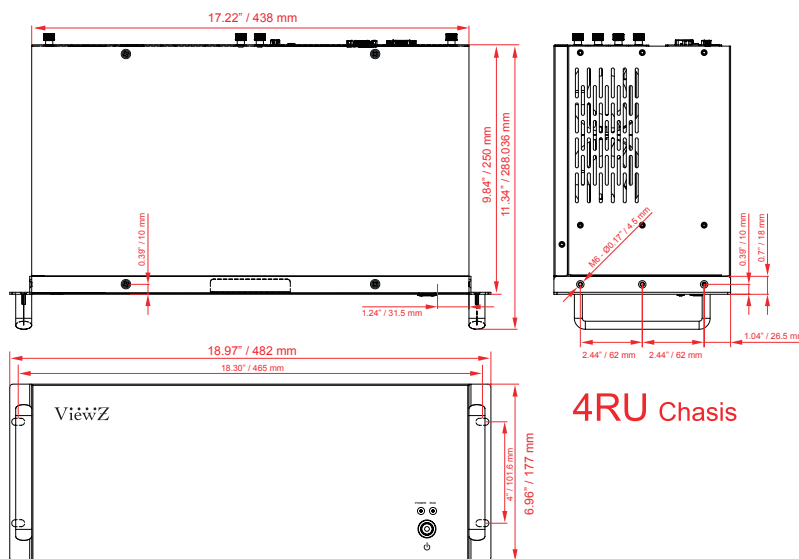
- Maximum Input and Outputs of 24x32 for 1080p
- Hot-Pluggable Structure and High Integration of Chassis – 4U
- Pure Hardware Structure, no Operating System and High Stability
- Advanced Remote Control Software via TCP/IP
- Serial Control RS-232C Available
- Text and Log
- 3 year Warranty

VZ-PRO-ST Series is a FPGA-design professional high-performance image processing 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-ST 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.

MODEL # VZ-PRO-ST	4RU
SPECIFICATIONS	
Frame Number	1
Total Card Support	8
Max Input Card	4
Max Output Card	4
RESOLUTION	
Max Resolution	1920 x 1080 @60Hz
Max Bit Rate	6.75 Gbps per system
Support Layers	Up to 9 layers per output card
INTERFACE	
HDMI 4K Input Card (VZ-H4K-IN1)	HDMI 1.4 1 Input Up to 3840x2160p/30
HDMI HD Input Card (VZ-H2K-IN4)	HDMI 1.3 - 4 Inputs Up to 1920x1080p/60
HDMI HD Output Card (VZ-H2K-OUT4)	HDMI 1.3 - 4 Outputs Up to 1920x1080p/30
HDMI HD Input Card (VZ-H2K-OUT2)	HDMI 1.3 - 2 Outputs Up to 1920x1080p/60
DVI HD Input Card (VZ-D2K-IN4)	DVI - 4 Inputs Up to 1920x1080p/60
DVI HD Output Card (VZ-D2K-OUT4)	DVI - 2 Outputs Up to 1920x1080p/30
IP Input Card (VZ-IP-IN)	RJ x45, H.264, 1080p
Ethernet (RJ-45) In	1 (Remote Control)
RS 232 In	1 (Serial Control)
USB 3.0 / USB 2.0 - Firmware Update	1 / 2
WEIGHT & DIMENSIONS	
Dimensions (W x D x H)/ unit: inch	18.97 x 11.34 x 6.96
Dimensions (W x D x H)/ unit: mm	482 x 288 x 177
Net Weight	26.4 lbs / 12 Kg
REMOTE CONTROL	
Serial Control (RS232C) / TCP/IP (RJ45)	Support
Remote Control Software for TCP/IP	Support (Compatible with Windows XP/7/8/10)
GENERAL	
Power Input	100 - 240V AC
Power Consumption (Full load)	130 Watts
Operating Temperature	32 ~ 122°F / -30 ~ 50°C
Operating Humidity	5% - 95% Non-Condensing
Cooling Fan	Provided

DIMENSION

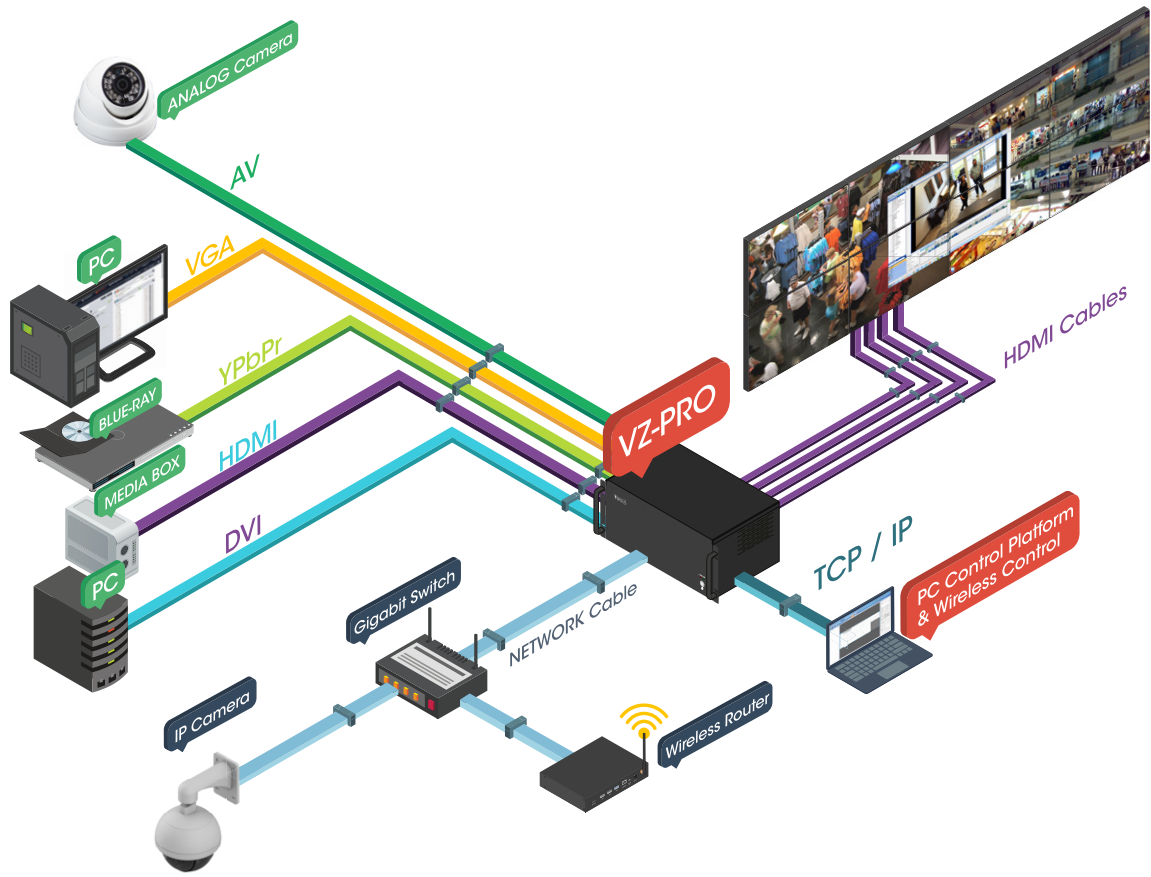


4RU Chasis

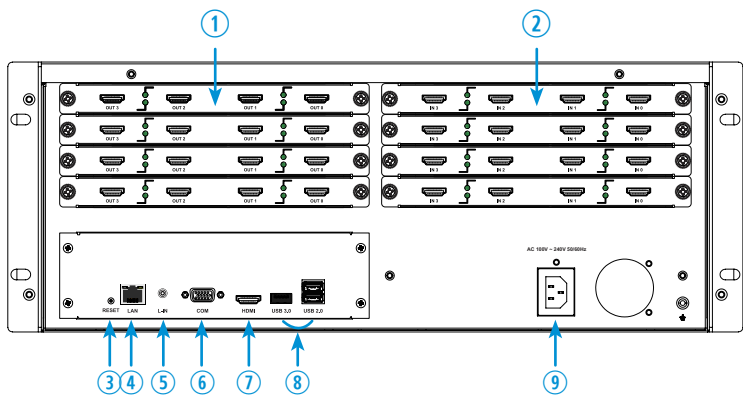
Contact ViewZ

- Address : 177 W. Orangethorpe Ave., Placentia, CA 92870
- Phone : (714) 996-1177, Fax : (714) 996-1138
- Sales : sales@viewzusa.com
- Specification subject to change without notice.

CONNECTION DIAGRAM



INTERFACE



- | | |
|---------------------------|-----------------------------|
| 1. HDMI OUT | 7. HDMI (FUTURE USAGE) |
| 2. HDMI IN | 8. USB 3.0 / USB 2.0 IN x 2 |
| 3. RESET | - Firmware Update |
| 4. RJ 45 IN | 9. AC 110V IN |
| 5. Line IN (FUTURE USAGE) | |
| 6. RS232 (RJ-45) IN | |

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