



Oversee entire operations.

Video Wall Series: Large scale, expandable video wall encoder/decoders

The Expandable Video Wall Controller supports large scale encoding and decoding operations as well as video wall control via VIP Vision video management software, including VIP Vision Smart PSS and VIP Vision DSS. No matter the video wall requirements, a variety of configurations can be achieved through the card expansion system, with up to 10 slots for encoding, decoding and storage functions.

- 19" 4U rackmount expandable video wall controller
- Flexible design with simple plug-in card modules
- Features 10 service card slots for video input/output
- Video wall splicing configurations up to 40 displays
- Manage configuration via VIP Vision™ Smart PSS/DSS
- Encode up to 80 channels 1080p or 320 channels D1
- Decode up to 160 channels 1080p or 640 channels D1
- Switch between standard & high definition streams



Decode up to 160 Channels in 1080p



Plug-in Card Module Expansion



Decode to 40 Display Devices

Model		VSVIDEOWALL	Special Order
System	Main Processor	Quad-core embedded microprocessor	
	Operating System	Embedded Linux OS	
	Bus	PCI-E	
	Expander Slots	12 slots (2 Main Control Board Slot, 10 Video and Audio Function Board)	
	Mainframe	Power module (redundant power optional), main control board, control board, PCI-E bus rear panel, smart temperature controlled fan	
Network Video	Encoding	H.264 / MPEG4 / ONVIF / PISA	
	Protocol	TCP / UDP / RTP / RTSP / RTCP / DHCP	
	Support	IPC, DVR, NVR, NVS, Video Matrix	
	Resolution	8.0MP / 5.0MP / 3.0MP / 1080P / UXGA / 720P / D1 / HD1 / 2CIF / CIF / QCIF	
Network	Ethernet	2 RJ-45 ports (10/100/1000M)	
	Serial Port	4 RS232 ports (1 DB9, 3 RJ45), for console and control, 1 RS485 port	
	USB Interface	3 USB2.0, 1 USB3.0	
	Storage Capacity	2 pcs SAS storage device, support 4T HDDs	
	Interface	2Ch mini SAS	
	RAID	RAID 0/1/5/6/10	
Environmental	Power Supply	48VDC, 47-63Hz (optional), AC 100~120V / 200~240V	
	Power Consumption	<600W	
	Operating Environment	-10°C ~+50°C / 10~90%RH	
	Dimensions	483mm x 496mm x 178mm (4U)	
Weight	<25kg (fully configured)		
Application	Rear Panel Example		

Expander Video Wall Cards

	Model	Description	Ports
Input	VSVWE-S	HD-SDI video encoding card	8CH HD-SDI video input (BNC) / 2CH RS485 interface
	VSVWE-D	HD DVI video encoding card	4CH DVI video input
	VSVWE-C	HDCVI video encoding card	8CH BNC video input (HDCVI)
	VSVWE-V	HD VGA video encoding card	4CH VGA video input
	VSVWE-H	HDMI video encoding card	4CH HDMI video input
	VSVWE-A	Composite video encoding card	32CH Composite (CVBS) video input / 2CH RS485 port
Output	VSVWD-D	HD DVI decoding card	4 x DVI video output port
	VSVWD-V	HD VGA decoding card	4 x VGA video output port
	VSVWD-H	HDMI decoding card	4 x HDMI video output port
RAID	VSVWE-A	RAID card	2CH MINI, SAS port may connect to external disk matrix



Your local VIP Vision™ IP solutions professional: