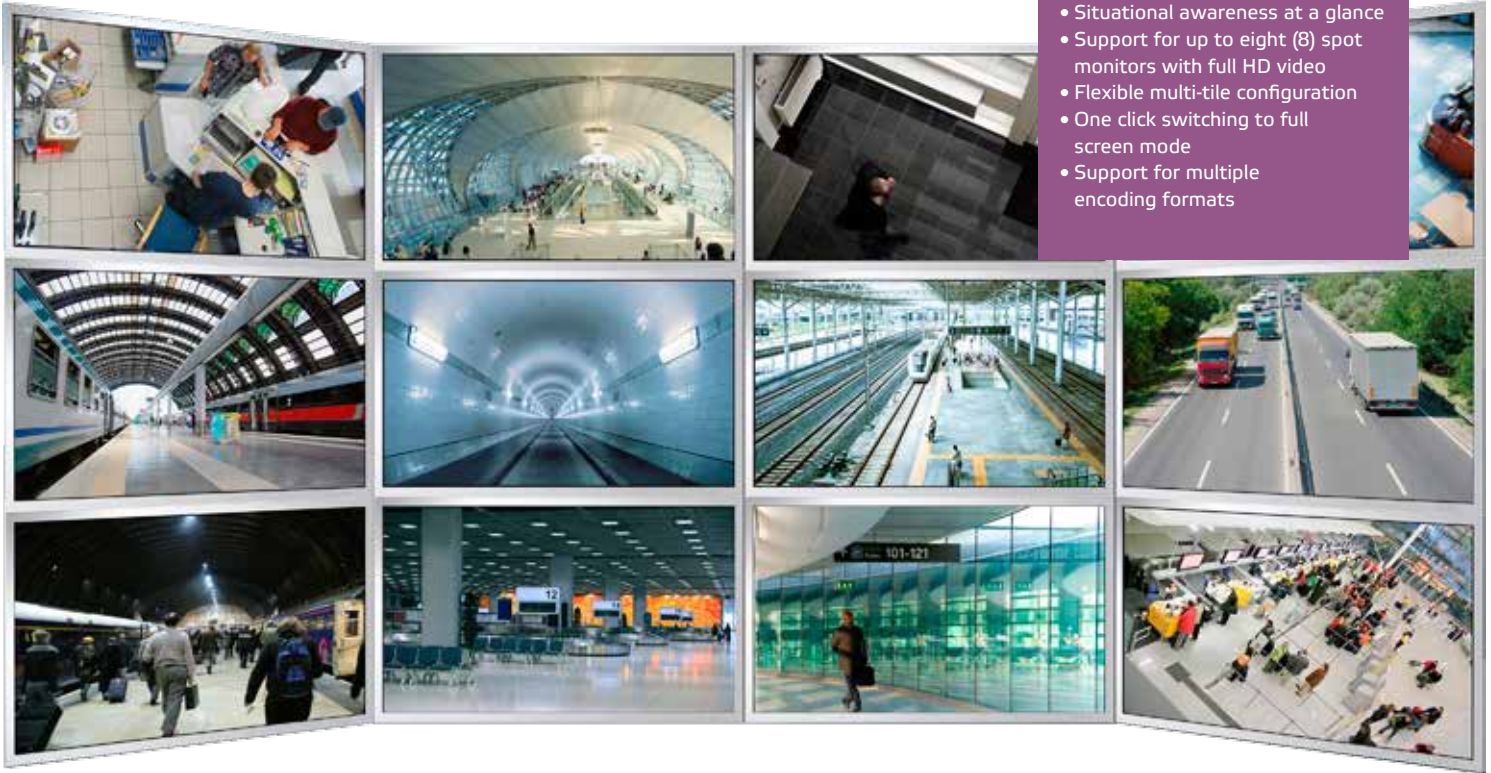## Benefits

- Situational awareness at a glance
- Support for up to eight (8) spot monitors with full HD video
- Flexible multi-tile configuration
- One click switching to full screen mode
- Support for multiple encoding formats

S-VMX Professional Video Wall hardware is based on a 4U high workstation and it is available either 4 or 8 monitor outputs.

Professional Video Wall Receiver is an add-on appliance available to larger S-VMX systems with more than 50 cameras. It is a cost-efficient solution for systems having a need to feed high channel count of SD video across multiple monitors or multiple HD videos to spot monitors.

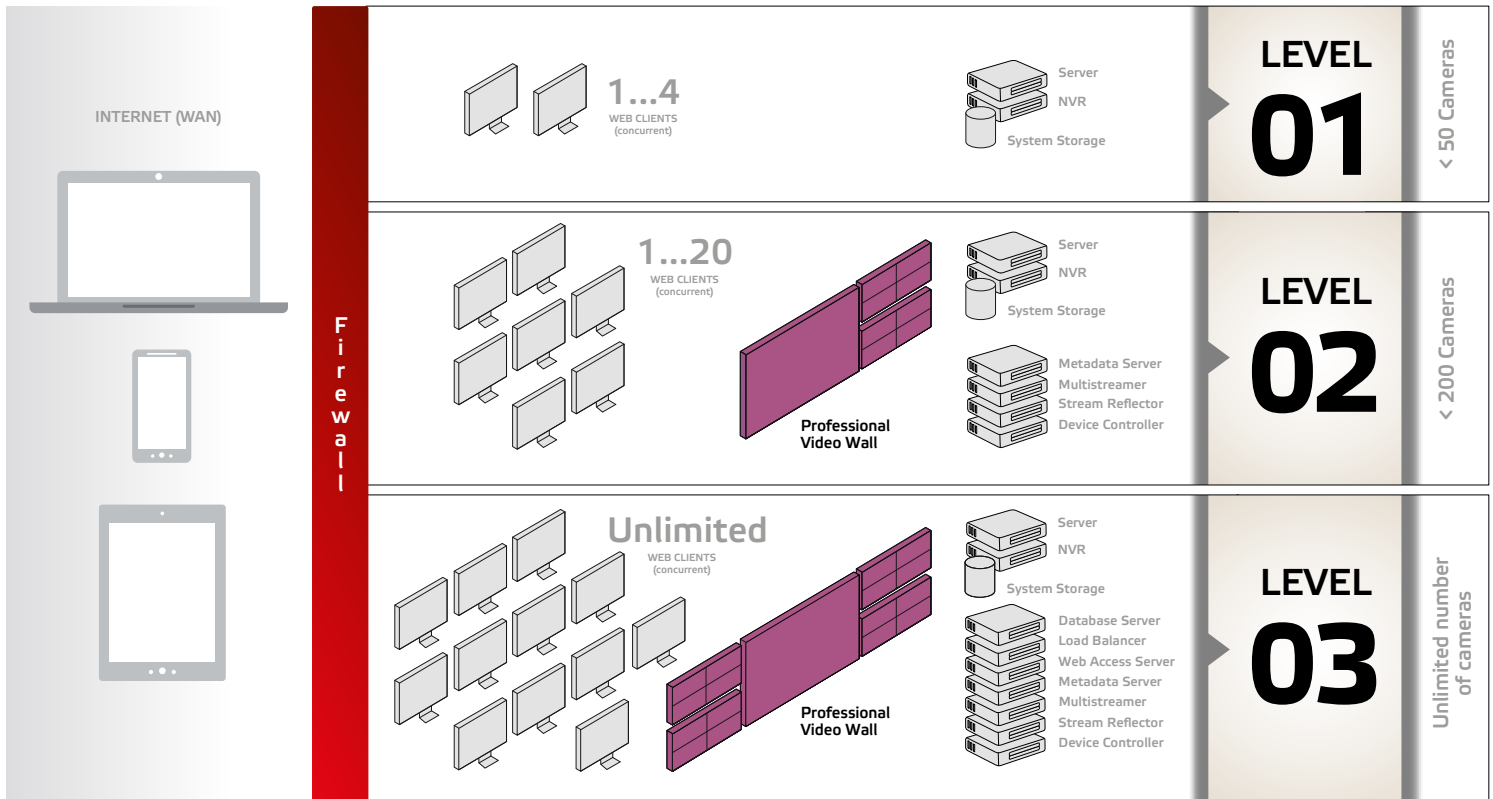S-VMX video wall functionality provides security operators situational aware-ness at a glance. It can be used to display live video, camera tours, recorded video or any information that can be streamed over the network.

It is a shared system resource available to all operators with adequate user rights. You can freely allocate cameras to the monitors in a spot or multi-tile configuration through the S-VMX Client.

The Professional Video Wall Receiver supports either four or eight monitors. The number of decoding channels is limited by hardware performance and number of decoding licenses.
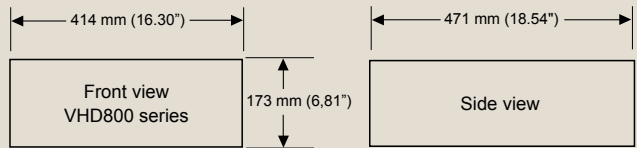
The Professional Video Wall Receiver is a 4U high appliance delivered with a sliding rack mount shelf and a cable management arm.

Server | Client | NVR | Video Wall | Device Controller | Metadata Server | Stream Reflector | Multistreamer | Multisite Gateway | Database Server | Web Access | Load Balancer | S-VMX Lite

S-VMX system components

INTERNET (WAN)	1...4 WEB CLIENTS (concurrent) — Server, NVR, System Storage	LEVEL 01 — < 50 Cameras
	1...20 WEB CLIENTS (concurrent) — Professional Video Wall — Server, NVR, System Storage, Metadata Server, Multistreamer, Stream Reflector, Device Controller	LEVEL 02 — < 200 Cameras
	Unlimited WEB CLIENTS (concurrent) — Professional Video Wall — Server, NVR, System Storage, Database Server, Load Balancer, Web Access Server, Metadata Server, Multistreamer, Stream Reflector, Device Controller	LEVEL 03 — Unlimited number of cameras

---

Technical specifications (Typical values unless otherwise stated)

Video

Encoding formats	H.264, MPEG-4, MPEG-2, MJPEG
Streaming	Multicast, unicast

Software

Operating system	Microsoft® Windows 7®
Application	S-VMX Video Wall Receiver

Video decoding performance*

SVW804:

	1 monitor:	2 monitors:	4 monitors:
1920 x 1080	8 streams/PC	8 streams/PC	8 streams/PC
1280 x 720	16 streams/PC	16 streams/PC	16 streams/PC
800 x 600	32 streams/PC	32 streams/PC	32 streams/PC
720 x 576	36 streams/PC	36 streams/PC	32 streams/PC

SVW808:

	1 monitor:	2 monitors:	4 monitors:	8 monitors:
1920 x 1080	8 streams/PC	10 streams/PC	8 streams/PC	8 streams/PC
1280 x 720	16 streams/PC	18 streams/PC	18 streams/PC	16 streams/PC
800 x 600	36 streams/PC	36 streams/PC	32 streams/PC	20 streams/PC
720 x 576	36 streams/PC	40 streams/PC	32 stream/PC	20 streams/PC

Typical maximum performance (total number of local displays), when video streams are evenly distributed among the connected monitors.

Hardware

Chassis	4U rack unit	VHD800 series
Processor	E5-1600 family	
Memory	8 GB RAM	
Graphic adapter	4 x DVI-I	SVW804
	8 x DVI-I	SVW808
HDD	1 x 250GB	
Network	1 x 10/100/1000Base-T	
Optical drive	16 x DVD ±R/W	
Power supply	635W	High efficiency
Heat dissipation	2484 BTU/hr	Based on PSU max wattage

General

Operating temperature range	+10...+35ºC (50...95ºF)	
Storage temperature	–40...+65ºC (–40...149ºF)	
Relative humidity	20...80%	Non-condensing
Weight	13.2 kg (29.10 lbs)	Min.

Dimensions:

414 mm (16.30") — Front view VHD800 series — 173 mm (6,81") — 471 mm (18.54") — Side view

---

Ordering codes (Suite 2.2)

SVW804-16-2.2	Professional Video Wall Receiver, 16ch	4 x DVI
SVW804-24-2.2	Professional Video Wall Receiver, 24ch	4 x DVI
SVW804-32-2.2	Professional Video Wall Receiver, 32ch	4 x DVI
SVW808-16-2.2	Professional Video Wall Receiver, 16ch	8 x DVI
SVW808-24-2.2	Professional Video Wall Receiver, 24ch	8 x DVI
SVW808-32-2.2	Professional Video Wall Receiver, 32ch	8 x DVI
SCL801	1 ch decoder connection licence per additional channel	

Hardware services ordering codes

VSD831	VHD800 series HW, on-site diagnosis service for 3 years
VSD832	VHD800 series HW, data protection service for 3 years
VSD840	VHD800 series HW warranty extension from 3 years to 4 years
VSD850	VHD800 series HW warranty extension from 3 years to 5 years

P4P S-VMX Professional Video Wall