![VICON]

Introducing the Shadow Premier Servers

Powered by Intel Technology (intel)

Meet Vicon's new high-powered entry-level server line, the Shadow Premier series. These new servers are ideal for small- to medium-sized installations and incorporate recording, application, and workstation servers. Premier Servers include all of the features customers count on for efficient and robust performance, but without all that excess horsepower required by huge installations.

Redefining How You Think About Baseline Products

Don't let the term "entry-level" mislead you. The Premier Servers replace Vicon's Valerus Servers, but with a number of enhancements.

50% higher camera count

Better storage on many models

40% faster throughput
(with RAID models)

Option for a lower-priced i3 processor

Valerus VLR Servers in Comparison to Shadow Premier Servers

	Valerus VLR Servers	Shadow Premier Servers **NEW**
Operating System	Windows® 10 IoT	Windows 10 Enterprise IoT
Server	White-labeled	White-Labeled
Processor	Intel® i7 or Xeon® E3	Intel i3 or i7
Throughput	300 Mbps	500 Mbps
Max Cameras	100	200
Memory	16 GB	16 GB
Includes Licenses	No	No
Warranty	3 Years	3 Years
NDAA-Compliant	Yes	Yes

Entry-Level Doesn't Mean You Sacrifice Quality

These servers feature reliable Intel processing technology, Windows® Operating System and they're preloaded with Valerus software, so you can operate your system with confidence. This single interface lets you manage your entire video surveillance infrastructure, and it's all pre-installed, pre-tested, and certified for plug-and-play operation out-of-the-box.

Just choose the form factor and storage capacity that best suits your application, plug it in, and you're up and running.

Powered by reliable Intel processors

Quick, intuitive and seamless installation

Backed by a 3-year warranty and 24/7 US-based customer support

NDAA-compliant

Don't Waste Budget Dollars on Unused Processing Power

If you're a small- to medium-sized business, you probably don't need a top-of the-line server that supports hundreds and hundreds of cameras with the highest processing capacity. But you still want something reliable and powerful, and that's where the Shadow Premier line comes into play. These feature-rich servers pack all the power you need – without leaving money on the table.

Choose the recording server that best accommodates your application.

Intel Processor	Camera Count	Throughput	Form Factors
i3	50	200 Mbps	Small-Tower, Mid-Tower, 2U Rack
i7	100	200 Mbps	Small-Tower, Mid-Tower, 2U Rack
i7*	200	500 Mbps	2U Rack

* RAID models

Pre-Tested and Pre-Loaded for Faster Installations

Security operations—small or large—don't have time to waste on tedious installations. That's why we do all the heavy lifting for you. As soon as we receive the server, we perform testing to certify that the entire system runs efficiently. We then install the Windows Operating System and Valerus software, providing you with a single interface. Your job? Plug in your server and activate your license. What's easier than that?

Pre-loaded with Windows and Valerus for quick and easy installation

Pre-tested and certified for out-of-box operation

Straight-forward license activation so you can get started faster

## RECORDING SERVERS

Communicate, stream, and record video and audio from the edge devices.

		Non-RAID Servers	RAID Servers
	Max Cameras	100 Cameras	200 Cameras
	Max Storage	160 TB	160 TB
	Max Throughput	200 Mbps	500 Mbps
	Processors	i3 or i7	i7
	Available In	Small-Tower, Mid-Tower, 2U Rack Mount	2U Rack Mount

APPLICATION SERVERS

Centrally manage the system, run the web server, and service the web clients.

| | Processors | i3 or i7 | | Available In | Small-Tower and 2U Rack Mount |

CLIENT WORKSTATIONS

Run Valerus VMS in a web browser for a powerful user interface

| | Max Monitors | 4 | | Processors | i3 or i7 |
| | Max Storage | 20 TB | | Available In | Small-Tower and 2U Rack Mount |

Valerus Shadow Premier Application Servers

Model	Product Code	Description
Small Form Factor; i7 Processor		
VPAA-SF000D-N01	S10A72	APPLICATION SERVER; supports 2000 IP cameras and two 4K monitors using onboard Intel UHD 630 graphics. Small form factor. Intel 10th Gen i7 Processor with 16 GB DDR4 RAM. Win 10 Enterprise IoT on 240 GB SSD. Dual Gigabit network ports. 250 W power supply. NDAA compliant.
2U Rack-Mount Form Factor; i7 Processor		
VPAA-2U000D-N01	S10A74	APPLICATION SERVER; supports 2000 IP cameras and two 4K monitors using onboard Intel UHD 630 graphics. 2U rack. Intel 10th Gen i7 Processor with 16 GB DDR4 RAM. Win 10 Enterprise IoT on 240 GB SSD. Dual Gigabit network ports. 400 W power supply. NDAA compliant.

Valerus Shadow Premier Workstations

Model	Product Code	Description
Small Form Factor; i7 Processor		
VPCA-SF000D-N01	S10A17	CLIENT WORKSTATION; supports two 4K monitors using onboard Intel UHD 630 graphics. Small form factor. Intel 10th Gen i7 Processor with 16 GB DDR4 RAM. Win 10 Enterprise IoT on 240 GB SSD. Single Gigabit network ports. 250 W power supply. NDAA compliant.
VPCA-SF000D-N04	S10A12	CLIENT WORKSTATION; supports four 4K monitors using onboard Intel UHD 630 graphics. Small form factor. Intel 10th Gen i7 Processor with 16 GB DDR4 RAM. Win 10 Enterprise IoT on 240 GB SSD. Single Gigabit network ports. 250 W power supply. NDAA compliant.
2U Rack-Mount Form Factor; i7 Processor		
VPCA-2U000D-N01	S10A70	CLIENT WORKSTATION; supports two 4K monitors using onboard Intel UHD 630 graphics. 2U rack. Intel 10th Gen i7 Processor with 16 GB DDR4 RAM. Win 10 Enterprise IoT on 400 GB SSD. Single Gigabit network ports. 250 W power supply. NDAA compliant.
VPCA-2U000D-N04	S10A65	CLIENT WORKSTATION; supports four 4K monitors using onboard Intel UHD 630 graphics. 2U rack. Intel 10th Gen i7 Processor with 16 GB DDR4 RAM. Win 10 Enterprise IoT on 400 GB SSD. Single Gigabit network ports. 250 W power supply. NDAA compliant.

Valerus Shadow Premier Recording Servers

Model	Product Code	Description
Small Form Factor; i7 Processor		
VPRA-SF3T6D-N01	S10A05	STANDARD RECORDING SERVER; **4 TB gross storage (3.6 TB usable)**; supports 100 IP cameras at 200 Mbps and two 4K monitors using onboard Intel UHD 630 graphics. Small form factor. Intel 10th Gen i7 processor with 16 GB DDR4 RAM. Windows 10 Enterprise IoT on 240 GB SSD. Dual Gigabit network ports. 250 W power supply. NDAA compliant.
VPRA-SF7T2D-N01	S10A06	STANDARD RECORDING SERVER; **8 TB gross storage (7.2 TB usable)**; supports 100 IP cameras at 200 Mbps and two 4K monitors using onboard Intel UHD 630 graphics. Small form factor. Intel 10th Gen i7 processor with 16 GB DDR4 RAM. Windows 10 Enterprise IoT on 240 GB SSD. Dual Gigabit network ports. 250 W power supply. NDAA compliant.
VPRA-SF11TD-N01	S10A07	STANDARD RECORDING SERVER; **12 TB gross storage (10.8 TB usable)**; supports 100 IP cameras at 200 Mbps and two 4K monitors using onboard Intel UHD 630 graphics. Small form factor. Intel 10th Gen i7 processor with 16 GB DDR4 RAM. Windows 10 Enterprise IoT on 240 GB SSD. Dual Gigabit network ports. 250 W power supply. NDAA compliant.
VPRA-SF14TD-N01	S10A08	STANDARD RECORDING SERVER; **16 TB gross storage (14.4 TB usable)**; supports 100 IP cameras at 200 Mbps and two 4K monitors using onboard Intel UHD 630 graphics. Small form factor. Intel 10th Gen i7 processor with 16 GB DDR4 RAM. Windows 10 Enterprise IoT on 240 GB SSD. Dual Gigabit network ports. 250 W power supply. NDAA compliant.
VPRA-SF18TD-N01	S10A83	STANDARD RECORDING SERVER; **20 TB gross storage (18 TB usable)**; supports 100 IP cameras at 200 Mbps and two 4K monitors using onboard Intel UHD 630 graphics. Small form factor. Intel 10th Gen i7 processor with 16 GB DDR4 RAM. Windows 10 Enterprise IoT on 240 GB SSD. Dual Gigabit network ports. 250 W power supply. NDAA compliant.

Valerus Shadow Premier Recording Servers (cont'd)

Model	Product Code	Description
2U Rack-Mount Form Factor; i7 Processor		
VPRA-2U3T6D-N01	S10A51	STANDARD RECORDING SERVER; **4 TB gross storage (3.6 TB usable)**; supports 100 IP cameras at 200 Mbps and two 4K monitors using onboard Intel UHD 630 graphics. 2U rack. Intel 10th Gen i7 processor with 16 GB DDR4 RAM. Windows 10 Enterprise IoT on 240 GB SSD. Dual Gigabit network ports. 400 W power supply. NDAA compliant.
VPRA-2U7T2D-N01	S10A52	STANDARD RECORDING SERVER; **8 TB gross storage (7.2 TB usable)**; supports 100 IP cameras at 200 Mbps and two 4K monitors using onboard Intel UHD 630 graphics. 2U rack. Intel 10th Gen i7 processor with 16 GB DDR4 RAM. Windows 10 Enterprise IoT on 240 GB SSD. Dual Gigabit network ports. 400 W power supply. NDAA compliant.
VPRA-2U11TD-N01	S10A53	STANDARD RECORDING SERVER; **12 TB gross storage (10.8 TB usable)**; supports 100 IP cameras at 200 Mbps and two 4K monitors using onboard Intel UHD 630 graphics. 2U rack. Intel 10th Gen i7 processor with 16 GB DDR4 RAM. Windows 10 Enterprise IoT on 240 GB SSD. Dual Gigabit network ports. 400 W power supply. NDAA compliant.
VPRA-2U14TD-N01	S10A54	STANDARD RECORDING SERVER; **16 TB gross storage (14.4 TB usable)**; supports 100 IP cameras at 200 Mbps and two 4K monitors using onboard Intel UHD 630 graphics. 2U rack. Intel 10th Gen i7 processor with 16 GB DDR4 RAM. Windows 10 Enterprise IoT on 240 GB SSD. Dual Gigabit network ports. 400 W power supply. NDAA compliant.
VPRA-2U22TD-N01	S10A55	STANDARD RECORDING SERVER; **24 TB gross storage (21.6 TB usable)**; supports 100 IP cameras at 200 Mbps and two 4K monitors using onboard Intel UHD 630 graphics. 2U rack. Intel 10th Gen i7 processor with 16 GB DDR4 RAM. Windows 10 Enterprise IoT on 240 GB SSD. Dual Gigabit network ports. 400 W power supply. NDAA compliant.
VPRA-2U29TD-N01	S10A56	STANDARD RECORDING SERVER; **32 TB gross storage (28.8 TB usable)**; supports 100 IP cameras at 200 Mbps and two 4K monitors using onboard Intel UHD 630 graphics. 2U rack. Intel 10th Gen i7 processor with 16 GB DDR4 RAM. Windows 10 Enterprise IoT on 240 GB SSD. Dual Gigabit network ports. 400 W power supply. NDAA compliant.
VPRA-2U43TD-N01	S10A78	STANDARD RECORDING SERVER; **48 TB gross storage (43.2 TB usable)**; supports 100 IP cameras at 200 Mbps and two 4K monitors using onboard Intel UHD 630 graphics. 2U rack. Intel 10th Gen i7 processor with 16 GB DDR4 RAM. Windows 10 Enterprise IoT on 240 GB SSD. Dual Gigabit network ports. 400 W power supply. NDAA compliant.
VPRA-2U58TD-N01	S10A81	STANDARD RECORDING SERVER; **64 TB gross storage (57.6 TB usable)**; supports 100 IP cameras at 200 Mbps and two 4K monitors using onboard Intel UHD 630 graphics. 2U rack. Intel 10th Gen i7 processor with 16 GB DDR4 RAM. Windows 10 Enterprise IoT on 240 GB SSD. Dual Gigabit network ports. 400 W power supply. NDAA compliant.
VPRA-2U72TD-N01	S10A91	STANDARD RECORDING SERVER; **80 TB gross storage (72 TB usable)**; supports 100 IP cameras at 200 Mbps and two 4K monitors using onboard Intel UHD 630 graphics. 2U rack. Intel 10th Gen i7 processor with 16 GB DDR4 RAM. Windows 10 Enterprise IoT on 240 GB SSD. Dual Gigabit network ports. 400 W power supply. NDAA compliant.

Valerus Shadow Premier RAID Recording Servers

Model	Product Code	Description
VPRA-2U13TF-N01	S10A57	RECORDING SERVER WITH RAID; **16 TB gross storage (12.6 TB usable)** on RAID5; supports 200 IP cameras at 500 Mbps and two 4K monitors using onboard Intel UHD 630 graphics. 2U rack. 10th Gen i7 processor with 16 GB DDR4 RAMM. Windows 10 Enterprise IoT on 240 GB SSD. Dual Gigabit network ports. 500 W dual redundant power supply. NDAA compliant.
VPRA-2U25TF-N01	S10A58	RECORDING SERVER WITH RAID; **32 TB gross storage (25.2 TB usable)** on RAID5; supports 200 IP cameras at 500 Mbps and two 4K monitors using onboard Intel UHD 630 graphics. 2U rack. 10th Gen i7 processor with 16 GB DDR4 RAMM. Windows 10 Enterprise IoT on 240 GB SSD. Dual Gigabit network ports. 500 W dual redundant power supply. NDAA compliant.
VPRA-2U50TF-N01	S10A59	RECORDING SERVER WITH RAID; **64 TB gross storage (50.2 TB usable)** on RAID5; supports 200 IP cameras at 500 Mbps and two 4K monitors using onboard Intel UHD 630 graphics. 2U rack. 10th Gen i7 processor with 16 GB DDR4 RAMM. Windows 10 Enterprise IoT on 240 GB SSD. Dual Gigabit network ports. 500 W dual redundant power supply. NDAA compliant.

Valerus Shadow Premier RAID Recording Servers (cont'd)

Model	Product Code	Description
VPRA-2U76TF-N01	S10A60	RECORDING SERVER WITH RAID; **96 TB gross storage (75.6 TB usable)** on RAID5; supports 200 IP cameras at 500 Mbps and two 4K monitors using onboard Intel UHD 630 graphics. 2U rack. 10th Gen i7 processor with 16 GB DDR4 RAMM. Windows 10 Enterprise IoT on 240 GB SSD. Dual Gigabit network ports. 500 W dual redundant power supply. NDAA compliant.
VPRA-2U126F-N01	S10A92	RECORDING SERVER WITH RAID; **160 TB gross storage (126 TB usable)** on RAID5; supports 200 IP cameras at 500 Mbps and two 4K monitors using onboard Intel UHD 630 graphics. 2U rack. 10th Gen i7 processor with 16 GB DDR4 RAMM. Windows 10 Enterprise IoT on 240 GB SSD. Dual Gigabit network ports. 500 W dual redundant power supply. NDAA compliant.