

Valerus 3U Rack-mount Server (EMEA)



Basic Features

- ▶ 3U Rack-mount server
- ▶ Preloaded with Valerus Video Management Software
- ▶ Windows10® LTSB operating system
- ▶ Supports recording up to 1080P 70 cameras (200 Mbits/sec)
- ▶ 4 Drive Bays (up to 32TB storage)

The Valerus VMS software is COTS (customer-off-the-shelf) compatible. However, Vicon offers factory certified, pre-installed Servers, which saves valuable installation time and reduces the overall system cost, as well as providing one source for technical support.

Valerus can be deployed in different configuration depending on system size and logistical deployment; configurations include standalone system on a single PC (all-in-one), a centralized site running multiple servers or a central site running multiple remote recording servers (NVRs) and cameras.




Ordering Information

Model	Mounting Type	HDD Size*	Model Number
Valerus 3U rack-mount server preconfigured with Valerus VMS system with internal storage	3U Rack Mount	Up to 32 TB	VLR-APPSRV-3U-RK

* Models support hard drives up to 8 TB

** The Application Server and recording Server can simultaneously run on a single server with up to 150 cameras.

Options and Accessories

	Description	Model Number
	16 Bay 3U External SAN RAID Storage	KOL-iRAID16
	24 Bay 4U External SAN RAID Storage	KOL-iRAID24
	48 Bay 4U External SAN RAID Storage	KOL-iRAID48
	PTZ Keyboard (USB) for use with Valerus	VN-KEYPAD
	22" 1080P Monitor, 16:9, 5ms response time, VGA/DVI/HDMI, speakers	VM-722N-1

Valerus Recording Server Specifications†

Recording Server	Mbits	Number Cameras
Valerus 3U Recording Server	Up to 200	Up to 70

†For exact numbers, use the Valerus storage calculator. Note that both the bandwidth (Mbits) and the number of cameras should be taken in consideration.

VALERUS VMS HARDWARE SPECIFICATIONS

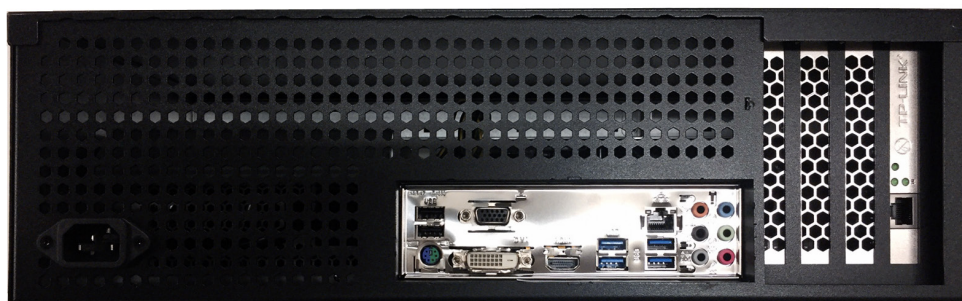
VLR-APPSRV-3U-RK	
Operating System:	Microsoft® Windows® 10 LTSB*, 64 bit
CPU:	Intel® i5 min. processor
Memory:	8 GB
Graphics:	256 MB RAM onboard
Network Interface:	100/1000 Mbps (2 ea)
Hard Drive Bays:	4
Browser**:	Must have Internet Explorer 11 min. or Firefox (must support Active X)
Electrical	
Input Voltage:	105-240 ±10% VAC, 50/60 Hz
Current:	1.4 A @ 115 VAC; 0.7 A @ 240 VAC
Power Consumption:	161 W nominal
Heat Output:	264 btu/hour
Power Connector:	Standard 3-conductor female socket
Certifications	CE and FCC, Class A; UL
Mechanical	
Application:	Indoor
Mounting:	19 in. (483 mm) rack-mount, 3 RU height
Dimensions:	133mm H x 432mm W x 600mm D
Weight:	13.6kg
Construction:	Steel and plastic
Environmental	
Operating Temperature:	32° to 104°F (0° to 40°C).
Humidity:	Up to 95% relative, non-condensing.
Warranty:	
3 years part and labor	

*The LTSB version (Long Term Servicing Branch; similar to former Embedded version) is provided. If a full Windows 10 CB O.S. is required, contact your Vicon Sales Representative.

**Additional browsers will be supported in future releases.

Controls and Connectors

Note that mother boards are subject to change and the current rear panel may differ slightly but will be similar.



Data Sheet Number: V281-50

Vicon Data Sheet Part Number: 8009-7281-50-00

Dated: 1/2017

Specifications subject to change without notice.

Vicon, Vicon Valerus, ViconNet and their logos are registered trademarks of Vicon Industries Inc.

Copyright © 2017 Vicon Industries Inc. All rights reserved.

Intel and Core are trademarks or registered trademarks of Intel Corporation.

Microsoft, Windows and Windows Server are registered trademarks of Microsoft Corporation.

