

## Valerus 1U Rack-mount Server (EMEA)



Rack-mount Server

### Basic Features

- ▶ 1U Rack-mount server
- ▶ Preloaded with Valerus Video Management Software
- ▶ Windows10® LTSB operating system
- ▶ Supports recording up to 1080P 70 cameras (200 Mbits/sec)
- ▶ 2 Drive Bays (up to 16TB 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 1U rack-mount server preconfigured with Valerus VMS system with internal storage	1U Rack Mount	Up to 16 TB	VLR-APPSRV-1U-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-1U-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:	2
Browser**:	Must have Internet Explorer 11 min. or Firefox (must support Active X)
<b>Electrical</b>	
Input Voltage:	105-240 ±10% VAC, 50/60 Hz
Current:	0.66 A @ 115 VAC; 0.33 A @ 240 VAC
Power Consumption:	76 W nominal
Heat Output:	266 btu/hour
Power Connector:	Standard 3-conductor female socket
Certifications	CE and FCC, Class A; UL
<b>Mechanical</b>	
Application:	Indoor
Mounting:	19 in. (483 mm) rack-mount, 1 RU height
Dimensions:	1.75" (44.45 mm) H x 19" (483 mm) W x 16" (406 mm) D, with connectors
Weight:	6.4kg
Construction:	Steel and plastic
<b>Environmental</b>	
Operating Temperature:	32° to 104°F (0° to 40°C).
Humidity:	Up to 95% relative, non-condensing.
<b>Warranty:</b>	
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.



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Specifications subject to change without notice.

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