



VALERUS HARDWARE/SOFTWARE QUICK START USER'S GUIDE

This sheet covers the installation of the Valerus™ Application Servers, Recording Servers (NVRs) and Client Viewing Stations. This system should only be installed by a qualified technician using common hand tools and approved materials in accordance with the National Electrical Code ANSI/NFPA 70, state and local wiring codes.

These units meet requirements for an FCC Class A computing device. Vicon requires the use of line conditioners, voltage regulators and uninterruptible power supply (UPS) systems in the electrical power service.

There will be a folder that contains Vicon Valerus documentation on the desktop. Refer to Vicon's website to assure you have the most current documentation, <http://www.vicon-security.com/documentation/valerus-vms-documentation/> Refer to the full Valerus manual XX285, for information on setting up and using Valerus. Vicon offers video guides for these installations on your favorite YouTube channel; refer to this link below. https://www.youtube.com/playlist?list=PL_81gn6w60KnkAHpGZMPre1H1T0wMaw6z

Note: Mother boards are subject to change; the current rear panel may differ slightly but will be similar.

Vicon, Valerus and their logos are registered trademarks of Vicon Industries, Inc. Product specifications are subject to change without notice. Copyright ©2019 Vicon Industries Inc. All rights reserved. Vicon part number 8009-8285-11. All other trademarks used in this publication are the property of their owners.



Click to view video

MINI DESKTOP SERVER

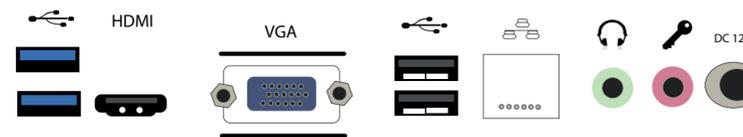
Front Panel

- ▶ Power button - Used to power on the unit.



Rear Panel

- ▶ Network Port: A standard RJ-45 connector used to connect to a LAN/WAN.
- ▶ USB Ports: Used to connect to USB devices such as a mouse, keyboard, printer, flash drive, etc.
- ▶ HDMI: Connect to a monitor with an HDMI connection.
- ▶ VGA: Connect monitor with a VGA connection.
- ▶ Speaker Out, Mic In Jacks: Used to connect audio devices and microphones.
- ▶ Power Receptacle: Used to connect the provided external power cable.



Mounting

The desk or table must provide a surface of suitable strength for the unit's weight. In addition, there must be area left around the cabinet to provide suitable airflow for cooling. Do not place heavy items on the cover.

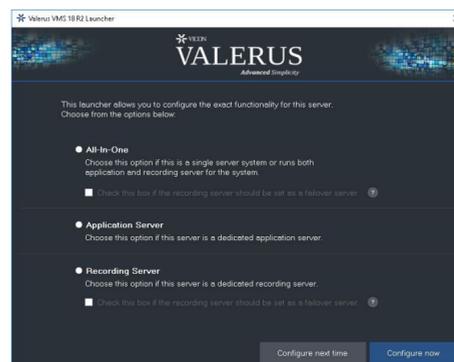
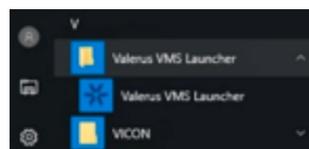
SOFTWARE INSTALLATION

Running the Application for the First Time

Being a fully web-based solution, browse to the Valerus Application/Web Server. Either enter the IP address or, if your network has defined server names, browse to that computer's name. The Application Server can be either a dedicated unit or a Recording Server defined as an All-In-One unit that runs both the Application and Recording Server for the system.

If a dedicated Application Server (Model VLR-APPSRV) was purchased, this is the Application Server. If the system only includes one or multiple Recording Server(s), one of the Recording Servers must be defined as an All-In-One server from the Valerus Launcher. The Valerus Launcher can be accessed from the Windows Start menu. Two icons will be on the desktop after installation. Click the "Play Me" icon to watch a clip on Valerus installation. The "Docs" folder contains all pertinent Valerus documentation.

CLICK on the Valerus VMS Launcher to display the following screen.



DESKTOP SERVERS

Front Panel Controls and Connections

- ▶ Power Button: Used to power on the unit.
- ▶ USB Ports: Used to connect to USB devices such as a mouse, keyboard, printer, flash drive, etc.
- ▶ Audio Ports: For microphone and speaker.

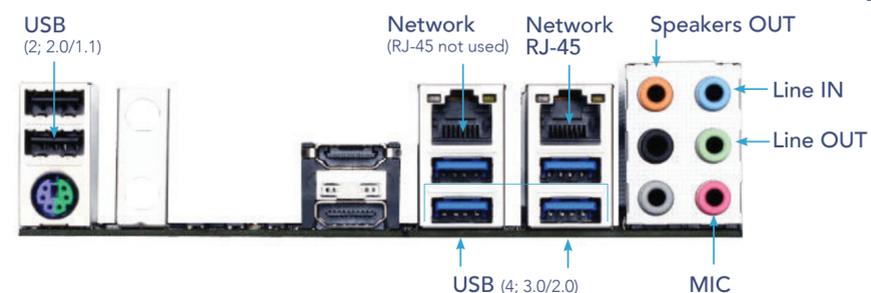
Rear Panel Connections

- ▶ Network Port: A standard RJ-45 connector used to connect to a LAN/WAN.
- ▶ USB Ports: Used to connect to USB devices such as a mouse, keyboard, printer, flash drive, etc.
- ▶ HDMI: Connect to a monitor with a HDMI connection.
- ▶ Speaker Out, Mic In Jacks: Used to connect audio devices and microphones.
- ▶ Power Receptacle: Used to connect the provided power cable.



Desktop Server Tower

Mid Tower



Mounting

The desk or table must provide a surface of suitable strength for the unit's weight. In addition, there must be area left around the cabinet to provide suitable airflow for cooling. Do not place heavy items on the cover.

RACK-MOUNT SERVERS

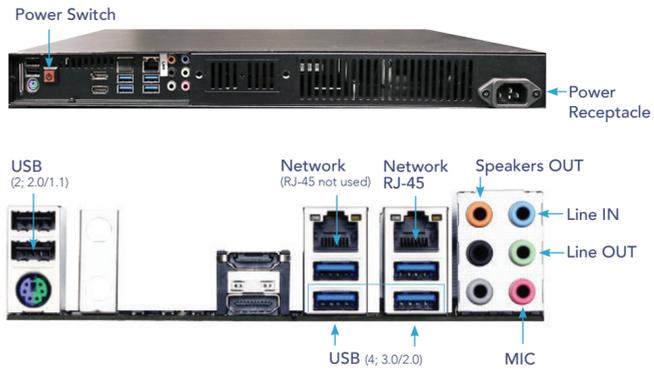


Front Panel Connections and Controls

- ▶ **Power LED Indicator:** Blue LED display the power status.
- ▶ **LED Viewing Holes:** View the status of the LEDs without opening the front cover.
- ▶ **LAN LED:** Red LED, blinks when there is network data activity.
- ▶ **USB Ports:** Used for optional devices.

Rear Panel Connections

- ▶ **Power Switch:** Used to power on the unit.
- ▶ **Network Port:** A standard RJ-45 connector used to connect to a LAN/WAN.
- ▶ **USB Ports:** Used to connect to USB devices such as a mouse, keyboard, printer, flash drive, etc.
- ▶ **HDMI:** For monitor with a HDMI connection.
- ▶ **Speaker Out, Mic In Jacks:** Used to connect audio devices and microphones.
- ▶ **Power Receptacle:** Used to connect the provided power cable. Shadow provides dual power supply.



Mounting

Designed to be mounted in a standard 19-inch (483 mm) wide vertical rack. A rail bracket kit is included to provide extra support for the unit when it is installed into the rack. Slide the server into the rack on the brackets and secure with two screws on each side through the rack-mounting ears. A mouse and keyboard are required for setup.



CAUTION: There is an RTC coin battery located on the motherboard. Replace the battery with an equivalent one; there is a risk of explosion if battery is replaced by an incorrect type. Be sure to note the orientation of the positive (+) and negative (-) sides of the battery. Dispose of used batteries according to local environmental regulations.

24-BAY SHADOW SERVER

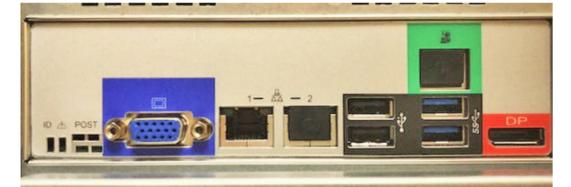


Front Panel

- ▶ **Power:** Used to power on the unit.
- ▶ **Reset:** Reset the unit.
- ▶ **Indicators:** Shows network activity and status.
- ▶ **USBs:** Used to connect to USB devices such as a mouse, keyboard, printer, flash drive, etc.

Rear Panel

- ▶ **Power receptacle:** Used to connect the provided power cable.
- ▶ **Network Port:** Standard RJ-45 used to connect to a LAN/WAN.
- ▶ **USBs:** Used to connect to USB devices such as a mouse, keyboard, printer, flash drive, etc.
- ▶ **Monitor:** Connect to appropriate monitor, VGA (default) or Display Port.



Mounting

The desk or table must provide a surface of suitable strength for the unit's weight. In addition, there must be area left around the cabinet to provide suitable airflow for cooling. Do not place heavy items on the cover.

8/12-BAY SHADOW SERVER

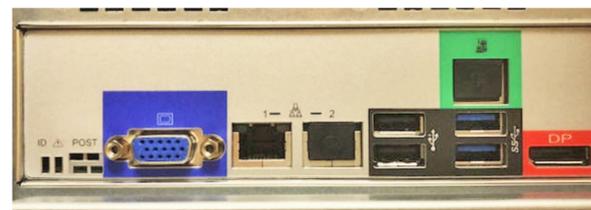
Front Panel

- ▶ **Power button:** Used to power on the unit.
- ▶ **Reset button:** Reset the unit.
- ▶ **Indicators:** Shows network activity and status.
- ▶ **USB Ports (8 bay only):** Used for optional devices such as a mouse, keyboard, printer, flash drive, etc.



Rear Panel

- ▶ **Network Port:** A standard RJ-45 connector used to connect to a LAN/WAN.
- ▶ **USB Ports:** Used to connect to USB devices such as a mouse, keyboard, printer, flash drive, etc.
- ▶ **Monitor:** Connect to a monitor, VGA (default) or Display Port.
- ▶ **Power Receptacle:** Used to connect the provided power cable.



Mounting

The desk or table must provide a surface of suitable strength for the unit's weight. In addition, there must be area left around the cabinet to provide suitable airflow for cooling. Do not place heavy items on the cover.

SHADOW BAY INSTRUCTIONS

The Shadow recording servers are delivered with the RAID drives packaged in the accessory kit. Each of the drives must be installed into the unit in the correct bay for proper operation.

Below are diagrams showing the bay location and which numbered tray *MUST* be inserted into each bay. The serial number of the unit is on a label on the unit; additionally, each drive has a label with the serial number and bay number. Make sure that the serial number on the tray matches the serial number on the Shadow.

24-BAY SHADOW



Serial Number



Bay Layout Label



8-BAY SHADOW



Serial Number

4-BAY SHADOW



12-BAY SHADOW

