

Introduction

The exacqVision EM-Series is a dedicated hardware system designed to run the exacqVision Enterprise Manager. The EM-Series provides redundancy, performance, and robustness for monitoring and managing the exacqVision Enterprise video management software.

Installation

Before turning on the exacqVision EM-Series server, ensure that you meet the following requirements:

Mounting and operating environment requirements

- Mount the exacqVision server in a dust-free, and climate controlled location where the temperature is less than 70°F, and the humidity level is less than 80% non-condensing.
 - Note:** Dust can cause components of the server to overheat, and elevated temperatures can contribute to premature hard drive failures.
- If the hard drives dispatch separately to the system, insert each drive into the appropriate hard drive slot if they are numbered.

Electrical environment requirements

- For maximum reliability, connect the exacqVision server to an online uninterruptible power supply (UPS). An online UPS, filters power surges and dips that can damage the server.
- Connect a keyboard, monitor, and mouse to the server.
- Connect the exacqVision server network interface cards (NIC) to the appropriate network switch ports.
- It is recommend to use cables with a ferrite core for connecting to monitors. If the cable does not have a ferrite core, the unit still performs as expected but may not meet **CE** safety regulation standards.

Configuration

After you turn on the exacqVision EM-Series server, log on to the administration account using the following default credentials:

- For Linux, enter the username `Administrator` and the password `admin256`.
- For Windows, follow the instructions to configure certain settings such as the time zone and language. Enter a new administrator's password when prompted. The password must contain a minimum of 8 characters, use a combination of numbers and uppercase letters.

Logging on to the Enterprise Manager

To log on to the Enterprise Manager, complete the following steps:

1. From the EM-Series desktop, open the default browser application. The default browser for a Linux operating system is Mozilla Firefox®, and for Windows is Microsoft® Internet Explorer.
Note: For optimal performance, use the Google® Chrome web browser.
2. Type the following address in the Address bar:
<http://localhost>
3. Log on to the Enterprise Manager using the default `admin` and `admin256` credentials.

To access the Enterprise Manager from a remote machine, you must type <http://<address>>, where the <address> is the IP address or the hostname of the EM-Series server.

What to do next

Once you connect to the Enterprise Manager, to access help, select one of the following options:

- Click the **Help on this Page** link, in the lower-right corner of the page to view context-sensitive online help.
- Click the **User Manual** link, in the lower-right corner of the page to open or download the manual in PDF format. To view the PDF you require Adobe Acrobat Reader.

Remote desktop access for administrative support

For uncommon administrative support situations, if access to the systems desktop is required from a remote location, configure the Remote Desktop application for Windows or secure shell (SSH) for Linux. For more information, refer to the following Exacq Knowledge Base articles:

- Using remote desktop to manage Windows-based exacqVision servers: <https://www.exacq.com/kb/?kbid=61687>
- Using Secure Shell (SSH) to manage Linux-based exacqVision servers: <https://www.exacq.com/kb/?kbid=6186>

Connections

For information on the EM-Series server's back panel systems, see Figure 1 and Table 1.

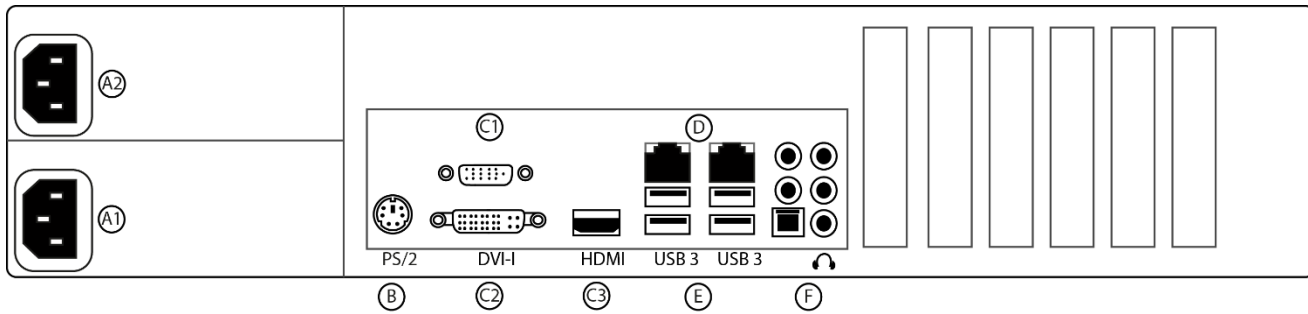


Figure 1: EM-Series server back panel

Name	No. of Ports	Description	
A	Power	2	100-240 VAC 50/60 Hz. Connect A1 and A2 to separate power circuits.
B	PS/2 connectors	2	PS/2 keyboard or mouse
C	Video out	3	VGA (C1), DVI-D (C2), HDMI (C3) You can use a maximum of two video outputs simultaneously
D	10/100/1000 Ethernet	2	Dual on-board NICs
E	USB 3.0	4	USB keyboard, mouse, memory device, or DVD burner
F	Audio in/out	6	Line in (blue); line out (green); microphone (pink), NC (brown), NC (orange), and Optical Out. Optical Out supports 7.1 Dolby Audio only.

Table 1: EM-Series server back panel