

## Connections

For information on the exacqVision G-Series Micro server's front panel, see the following figure and table.

Figure 1: G-Series Micro System front panel

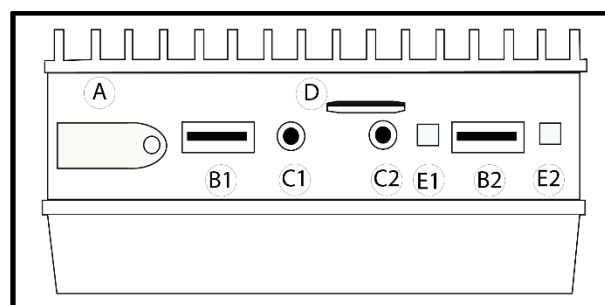


Table 1: G-Series Micro server front panel

Name	No. of Ports	Description
A	1	Power button
B	2	USB 3.0 USB keyboard, mouse, memory device, or DVD burner
C	2	Audio Audio in (C1), Audio out (C2)
D	1	Micro SD Slot for removable Micro SD memory card
E	2	LED Not in use

For information on the exacqVision G-Series Micro server's back panel, see the following figure and table.

Figure 2: G-Series Micro System back panel

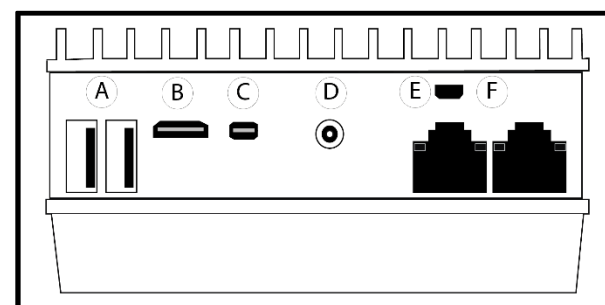


Table 2: G-Series Micro server back panel

Name	No. of Ports	Description
A	2	USB 2.0 USB keyboard, mouse, memory device, or DVD burner
B	1	Video out HDMI
C	1	Video out Mini Display Port
D	1	DC Voltage in
E	1	COM Not in use
F	2	10/100/1000 Ethernet Dual on-board NICs

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## Introduction

The G-Series Micro is part of exacqVision's series of network video recorders (NVR). The server is pre-installed with exacqVision's video management software, and connects to the cloud where you can store and search for video. You can connect up to 8 IP cameras to the server.

**Note:** You cannot replace analog cameras with IP cameras.

## Package contents

- G-Series Micro system
- Power Supply: Input 100-240V AC 50/60Hz, Output 12V DC 3A
- Universal AC outlet plugs
- Quick Start Guide

## Installation

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

### Mounting and operating environment requirements

- Mount the G-Series Micro server in a location where the temperature is less than 113°F (45°C), and the humidity level is less than 95% non-condensing.
- For maximum reliability, connect the exacqVision server to an online UPS. An online UPS, filters power surges and dips that can damage the server.
- You can place a surge suppressor between the camera and the recorder of all outdoor cameras.

### Connecting and powering up

- Connect a keyboard, monitor, and mouse to the server.
- Connect the exacqVision server network interface cards (NIC) to the appropriate network switch ports.
- Insert the DC plug into the DC-in jack. Rotate 90° to secure.
- Select the correct AC outlet plug for the power supply of your country and plug the power supply into an AC outlet. The power button turns green.

### Network connection requirements

- If the video surveillance system does not have a physically isolated network, connect all IP cameras and one server NIC to a dedicated camera VLAN.
- Install the camera manufacturer's software on a PC in this subnet, or configure the router to connect a client computer with the camera subnet.

## Initial startup

When you start the exacqVision A-Series server for the first time, create a user name and password for the operating system, then create a root user name and password for the Enterprise Manager.

1. Turn on the exacqVision server.
2. Create a user name and password for the operating system when the logon dialog box appears. Configure operating system settings as required.
3. If prompted, log back on to the operating system with the user name and password you just created.
4. When you log back on, an exacqVision dialog box appears on the desktop. Create the exacqVision admin user name and password.

**Note:** This is not the same as the credentials you created to log on to the operating system. Use these credentials to log on to the exacqVision Server.

## Configuring the server

To configure the exacqVision G-Series Micro server, complete the following steps:

5. Turn on the server.
6. Open the exacqVision client application.
7. From the navigation tree, select **System Setup**, and select the **Network** tab.
8. Choose one of the following options:
  - If you install the server on a network that uses static IP addressing, select **Static** and enter the IP address.
  - If you install the server on a network that uses DHCP, select **Dynamic**. If the information does not automatically configure, contact your network administrator.
9. Click **Apply**.

Repeat this procedure for any additional network ports. For more information on configuring the server, refer to the *exacqVision Start User Manual*.

## Setting up remote access to the server

To configure the server through a remote exacqVision client, complete the following steps:

1. Download the latest exacqVision Client software from the Exacq website at: <https://www.exacq.com/support/downloads.php>
2. Install the client software on a system administrator computer.
3. Confirm the connectivity with the server using the ping command and the server's IP address. If the client PC cannot communicate with the server, contact your network administrator.

### Remote access for administrative support

For administrative support to access to the server remotely, configure Remote Desktop (Windows) or SSH (Linux) on your computer. 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=61686>

## Configuring the client

To configure the exacqVision client, complete the following steps:

1. Start the exacqVision client application.
2. When the local client is launched for the first time, enter the exacqVision user name and password created during initial startup.
3. Verify that the server appears in the **Systems** list with a status showing **Connected**.  
**Note:** If the server does not connect, but you can confirm the server's ability to connect, check for anti-virus software on the remote client machine that may block the communication between the server IP addresses and ports.

4. Verify that the server appears in the **Systems** list with a status showing **Connected**.

**Note:** If the server does not connect, but you can confirm the server's ability to connect, check for anti-virus software on the remote client machine that may block the communication between the server IP addresses and ports.

5. Change the default operating system administration and user accounts. For more information, refer to the *exacqVision User Manual*, and <https://www.exacq.com/kb>.

## Connecting cameras

To connect cameras to the system, complete the following steps:

1. Connect the analog cameras, PTZ serial cables, or alarm I/O. For more information, see **Connections**.

**Note:** Connections vary by model.

2. Using the camera manufacturer's software, configure the IP address for all the cameras, and record this information for future reference.

**Note:** Do not change the username and passwords until after you establish connectivity with the exacqVision server. For additional information, refer to the camera manufacturer's website or the *exacqVision IP Camera Quick Start Guide* at <http://www.exacq.com/downloads/ev-ip-quickstart-0311.pdf>. You may also find the Quick Start Guide in the Quickstarts directory on the CD that Exacq dispatch with your system.

3. To determine the compatibility of a particular camera model and firmware combination with exacqVision servers, review the camera integration details at: <http://www.exacq.com/support/ipcams.php>

4. Test the connectivity between the camera and the server by completing the following steps:
  - a. Log off of the operating system's user account and log on to the administrator account.
  - b. Type the camera's IP address into the address bar on your internet browser.
  - c. Press **Enter**. If the browser does not display an introductory or logon window, the camera is not establishing a connection with the server. Refer to the *exacqVision User Manual*, and <https://www.exacq.com/kb> for a solution if the problem persists.
5. Repeat steps one to four for all other camera connections.