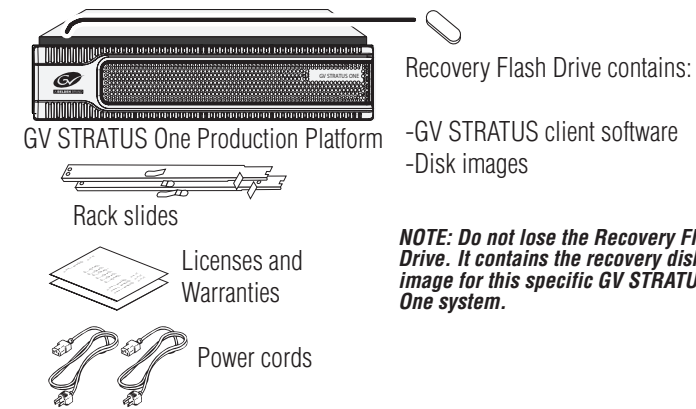


GV STRATUS One All-In-One Media Production Platform Quick Start Guide

13-00060-000 REV AC

October 16, 2019

Note: For setup and configuration, a Windows PC and network cable are required for connection to GV STRATUS One.



To unpack, install rack rail brackets, and install chassis in rack, refer to the video below:
<https://www.youtube.com/watch?v=fS3UkhRV5oE>

Note: It is not necessary to remove the sleds or the drive caddy from the server prior to racking as shown in the video. It will require two people to help rack as it is heavy.

Locate the documentation you need on the Recovery Flash Drive or access online at
<https://www.grassvalley.com/one/>

1. Make cable connections

Ethernet cabling

1Gb Port - Diagnostics
(iDRAC for Chassis Management Controller configuration)
10Gb Port - Control Network
(Control connection)
Note: The Control Network supports both 1Gb and 10Gb, however 10Gb is recommended.

SDI Channel Connections

Each channel (C1, C2, C3, C4) can be an input (record channel) or an output (play channel). Connect SDI IN or OUT to each channel, as appropriate for your intended use.
Note: Valid SDI inputs to be used must be present before powering on the machine.

Embedded audio is supported. Video reference is recommended, although not mandatory. All licenses will be pre-installed.

1 Connect **both** power cords. **Note: Power supply redundancy on start up is only active if connected to 220/240 volt supply. For start up on 110 volts, both power supplies need to be plugged in otherwise the system will not power up correctly. Once powered up then the system is redundant at both 220/240 and 110 volts should one of the supply units fail.**

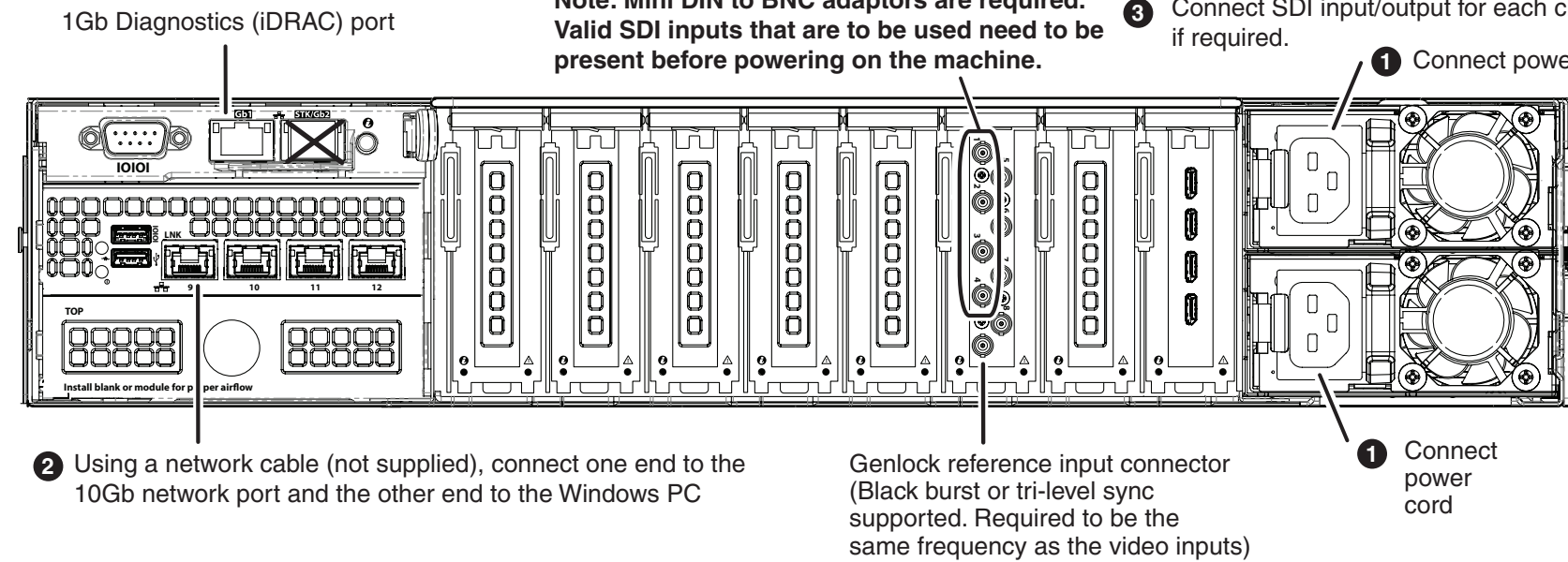
2 Connect a 10Gb/1Gb network cable to the Windows PC and the other end to the 10Gb network port on the GV STRATUS One. For initial setup 1Gb connection is fine. (For operation 10Gb network is preferred, but 1Gb would suffice)
Note: Before connecting any client Windows PC directly to one of the 10Gb network ports on the back of the machine, it will need to be given a static IP address within the default range.

The following link will help with this:
<https://support.microsoft.com/en-us/help/15089/windows-change-tcp-ip-settings>

If connectivity via any clients on a domain/gateway outside of this range is required, then please refer to the Advanced Video Guide available here:
<https://www.grassvalley.com/one>

3 Connect SDI input/output for each channel if required.

3 Connect valid video input/output to SDI DIN connectors (no. 1- 4)
Note: Mini DIN to BNC adaptors are required. Valid SDI inputs that are to be used need to be present before powering on the machine.



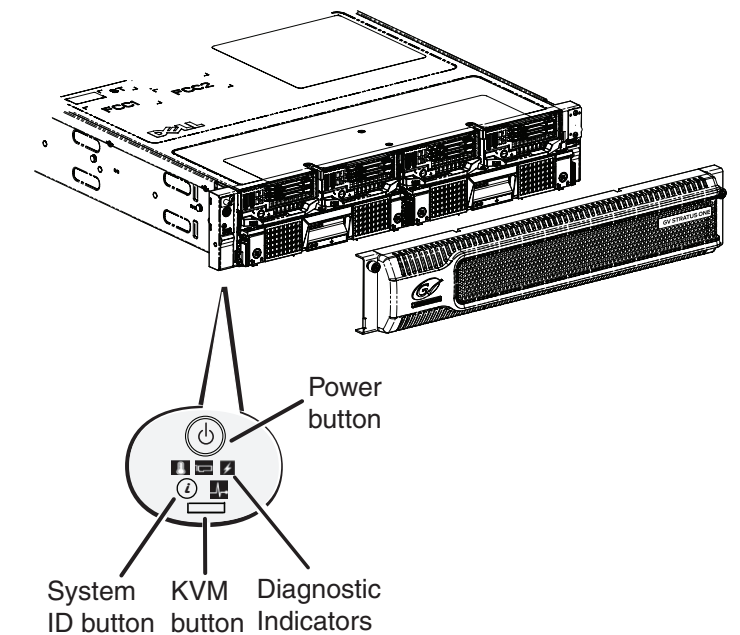
2 Using a network cable (not supplied), connect one end to the 10Gb network port and the other end to the Windows PC

1 Connect power cord

1 Connect power cord

GV STRATUS One default IP addresses

Device	Default static IP address
GV I/O	10.1.2.11
GV STRATUS Core Server	10.1.2.12
GV STRATUS Storage Manager	10.1.2.13



2. Start up and Remote Desktop Connection

- Before power on, take the front cover of the server and note the chassis serial number located behind the bezel.
- Locate the Recovery Flash Drive, which is labeled with this unit's serial number. Make sure it remains stored with this specific unit.
- Identify the Power button, System ID button, KVM button, and Diagnostic indicators on the left of the server.
- Press and release the Power button to switch it on. Wait at least 6 minutes for the machine and internal network to fully power up.
- Identify the power buttons on the bottom left of each of the sleds. Starting from the left hand side, power on the first sled and wait 1 minute before moving onto the second and then another minute before powering up the third. When all three sleds are powered up move on to step 6.
- From the Windows PC connected to the GV STRATUS One, open Remote Desktop and connect to the first of the sleds (GV I/O) using the 10.1.2.11 IP credentials. Login using the username and password that can be found on the sticker inside the GV STRATUS One faceplate.
- So that the system operates correctly, the first thing you should do is set the system clock and timezone under Windows to match your environment.
- Repeat steps 6 and 7 above with additional Remote Desktop connections to 10.1.2.12 (Core Server) and then 10.1.2.13 (Storage Manager) to set the system clock and timezone on each of the sleds.

3. Starting the Control Panel

- Using Remote Desktop Connection, navigate to the GV STRATUS Core Server (10.1.2.12) and from the Desktop double-click the GV STRATUS Control Panel icon.
- Please login using the username and password that can be found on the sticker inside the GV STRATUS One faceplate.

Note: The Edius Workgroup and associated STRATUS Connect license keys are also located on stickers inside the GV STRATUS One faceplate.



- To continue, please now refer to the Quick Start Video guides located here: <https://www.grassvalley.com/one/>

For phone and email support go to:
<https://www.grassvalley.com/contact/support>



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