![SGio logo]
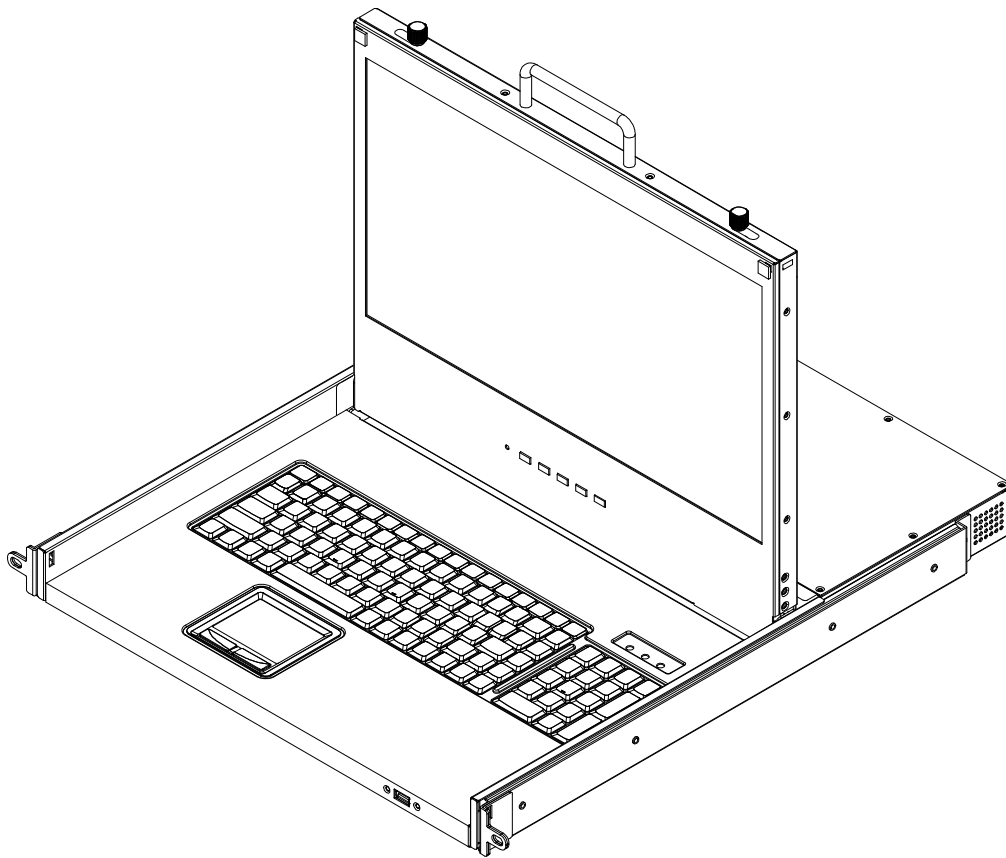
LCD Console Drawer

17.3" Full HD TFT LCD Console Drawer with U.S. Keyboard & Touch Pad

KCD-FH17-SS3V

Quick Start Guide

KCD-FH17-SS3V Quick Start Guide

This guide will help you install and set up your LCD Console Drawer for the first time. For additional information on administration, operation, and maintenance, please refer to the user manual.

Visit https://www.dsgio.com/, select your product model and go to the '**Downloads**' tab to download the latest product documentation.

① Check the Package Contents

KCD-FH17-SS3V Package Contents:

- o 1 × LCD Console Drawer
- o 1 × U.S. Keyboard
- o 1 × Rackmount Kit
- o 1 × Power Cord
- o 1 × Quick Start Guide

② Installation of the LCD Console Drawer / Tray (1U Rack-Mountable)

OVERVIEW:

The LCD Console Drawer is a space-saving solution designed for 1U rack mounting with slide-out rails. It features a 17.3" LED-backlit TFT LCD display and a U.S. keyboard with touchpad. Equipped with VGA, DisplayPort, and HDMI interfaces, it supports a single computer connection or variety of KVM switches for efficient management of multiple servers and computers from a single console. This versatile device also provides an extra local console for extended operations, making it ideal for server administration in data centers, server rooms, and labs.

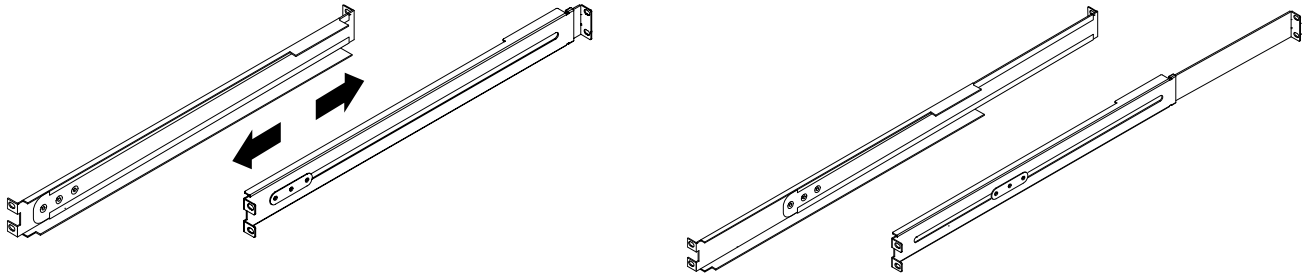### PRE-INSTALLATION CONSIDERATIONS:

Before beginning the installation process, please ensure the following conditions are met:

- **Stable Surface:** The rack or surface where the device will be installed must be stable, level, and capable of securely supporting the unit.
- **Adequate Ventilation:** Ensure the area has proper airflow and is away from direct sunlight, excessive dust, moisture, heat, and vibrations.
- **Convenient Location:** Choose a location that is easy to access and convenient for connecting to the related facilities.
- **Rack-Mounting:** The unit is designed for use in a standard 19-inch rack and requires the necessary space and mounting structure.
- **Usage:** The slide/rail-mounted equipment should not be used as a shelf or workspace.
- **Application:** This device is typically used in commercial IT environments where only trained personnel are present and allowed to operate the device.
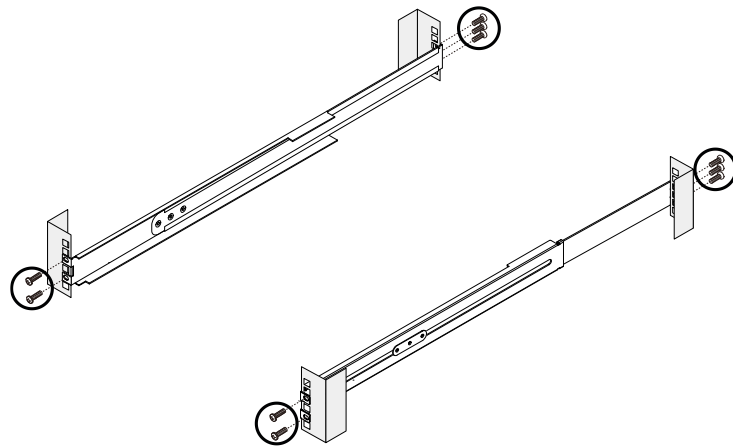
INSTALLATION PROCEDURE:

Step 1: Adjusting Bracket Length

Adjust the mounting brackets to fit the depth of your rack. The adjustable depth range is from 20.4 to 35.7 inches (520 to 908 mm).
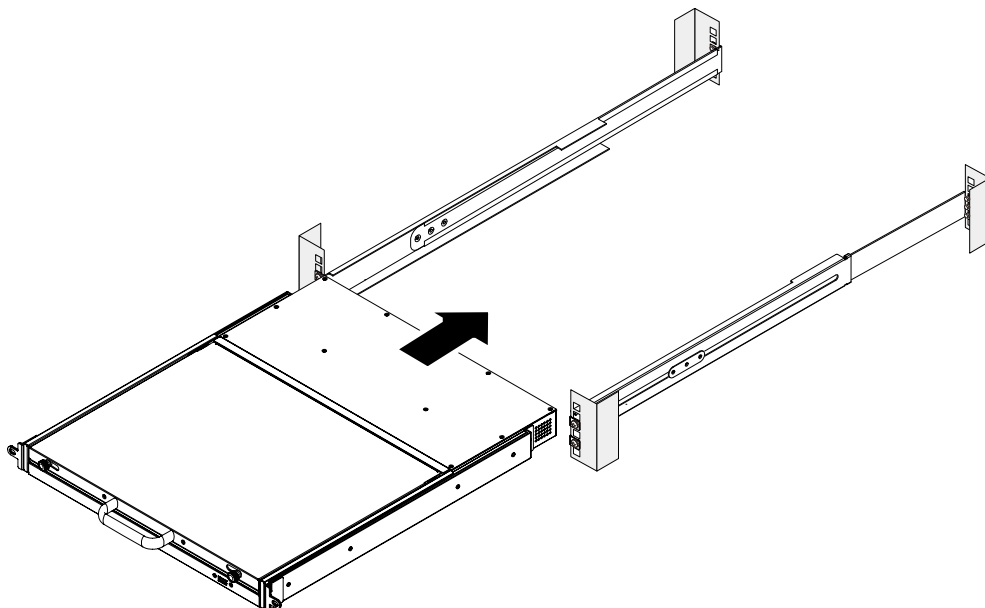
Step 2: Mounting the Brackets

Attach the brackets to the rack pillars using the rack screws and cage nuts to secure them in place.
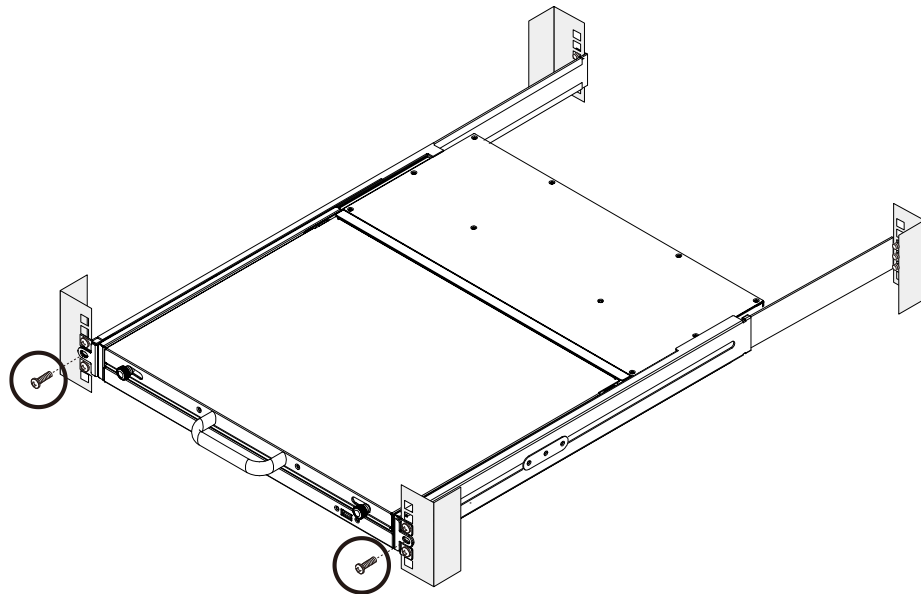
Step 3: Installing the LCD Console Drawer

Slide the LCD Console Drawer (with the 17.3" TFT LCD display) between the mounted brackets.
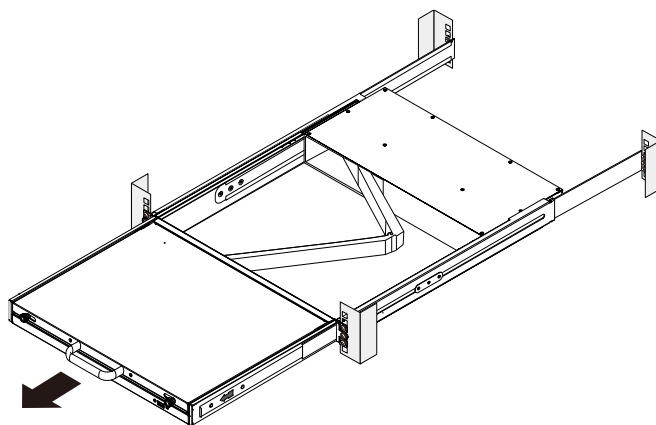
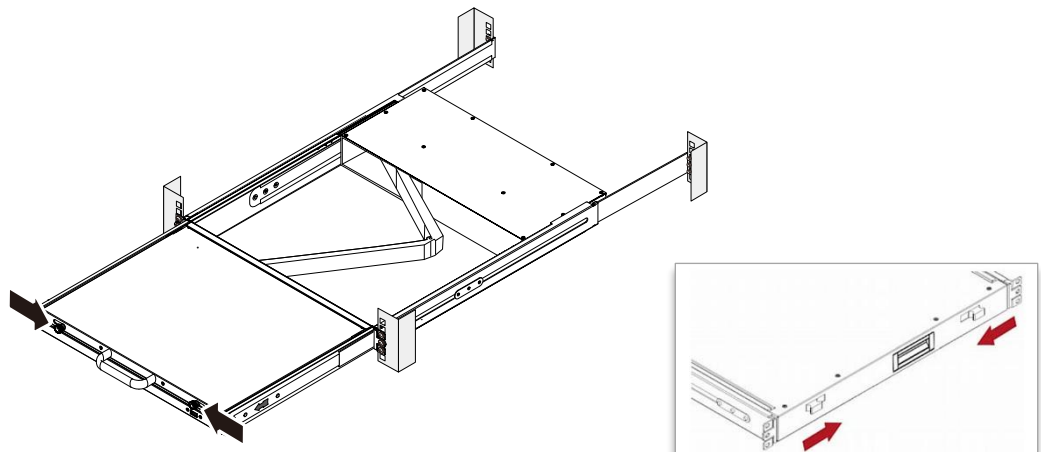Secure the unit by fastening it to the rack pillars with screws.

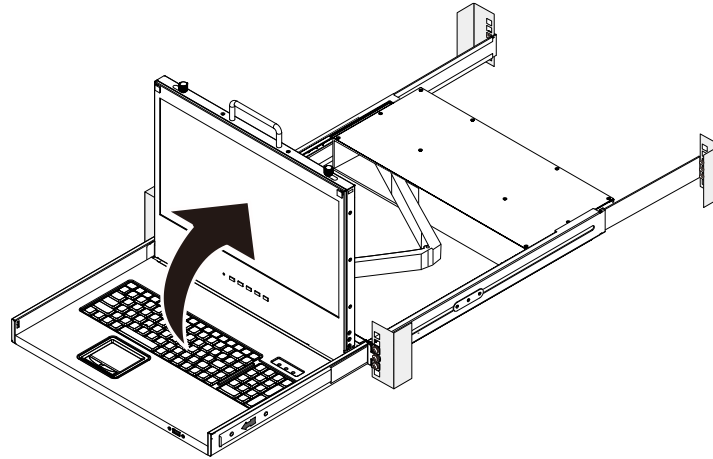## ③ Using the LCD Console Drawer

Opening the Console Drawer:

1. Pull out the LCD Console Drawer carefully from the rack.

2. Unlock the LCD display by pushing the locking latches towards the center to release the lock.
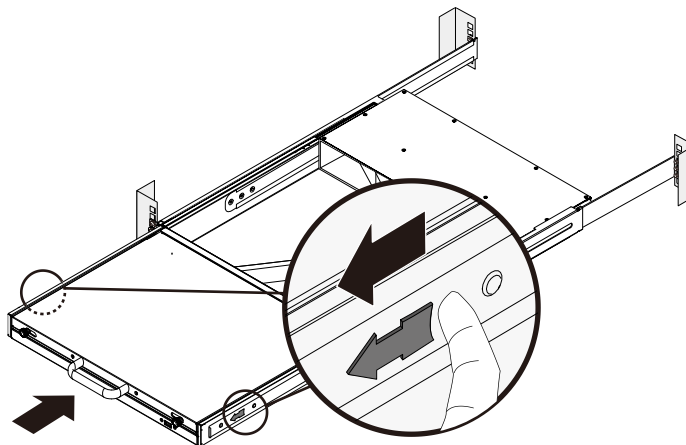
3. Flip up the LCD display and turn on the LCD Console Drawer for operation.

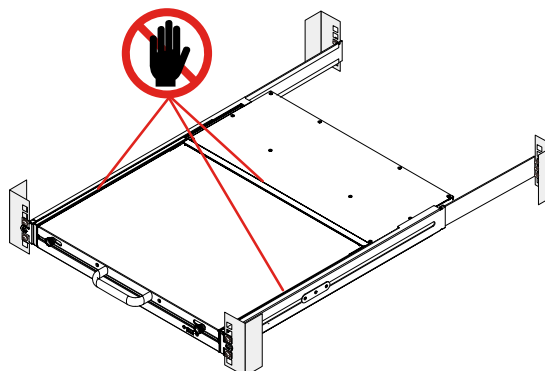**Closing the LCD Console Drawer:**

1. Fold the LCD display back down when finished using the unit.
2. Push both latches with your index fingers in the direction indicated before sliding the LCD Console Drawer into the rack.
3. Continue pressing the latches and slide the LCD Console Drawer evenly into the rack until the device is fully seated.
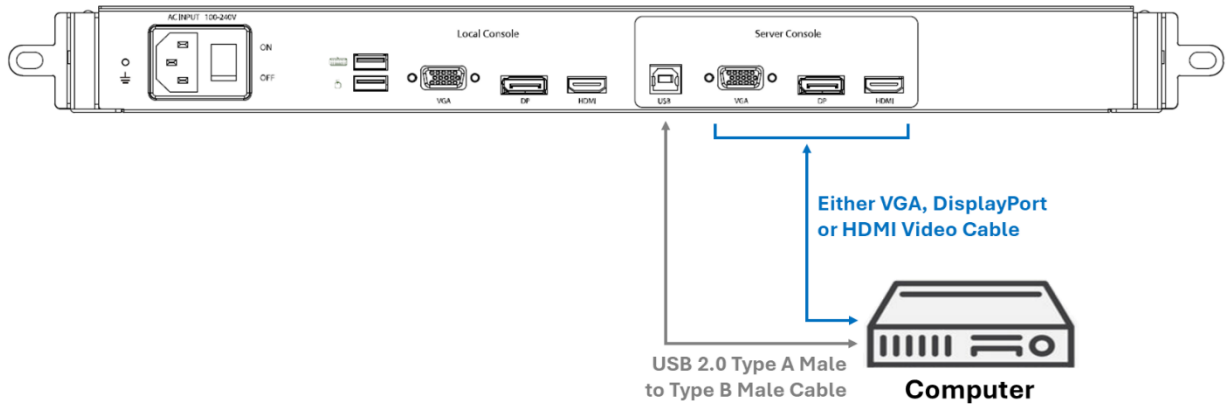

WARNING

- Keep your hands clear when closing the drawer.
- Use caution when pressing the device rail release latches and sliding a device into or out of a rack; the slide rails can pinch your fingers.
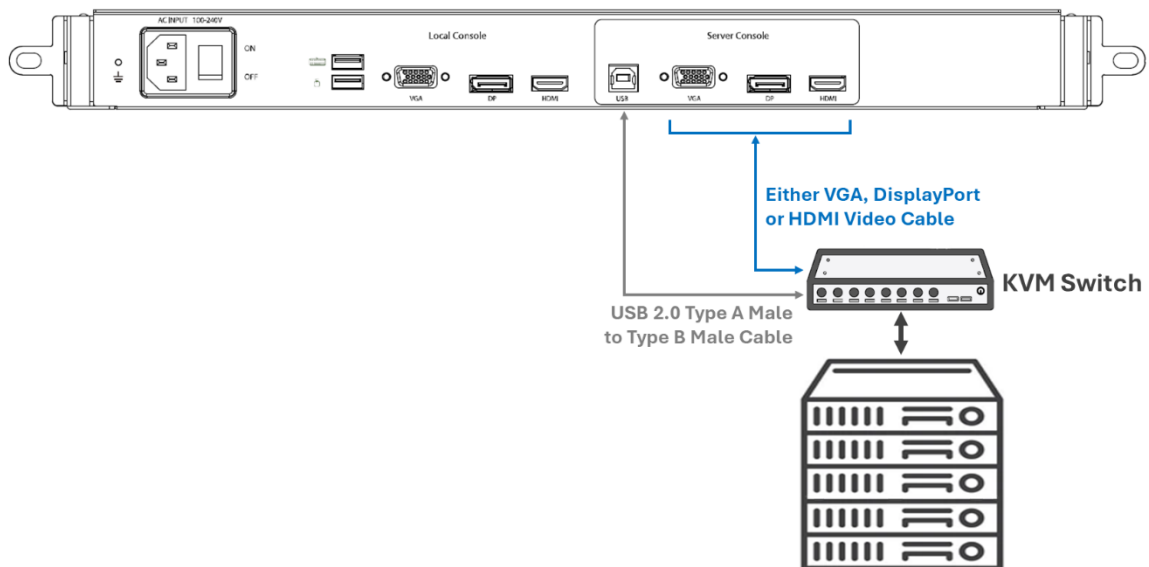
④ Connecting a Server or KVM Switch

After rack-mounting is completed, the LCD Console Drawer can be connected to a computer or a KVM Switch to administer multiple servers. After the video and USB cable are connected, you may connect the LCD Console Drawer's power cord and power on the LCD Console Drawer. And lastly, power on the connected equipment.
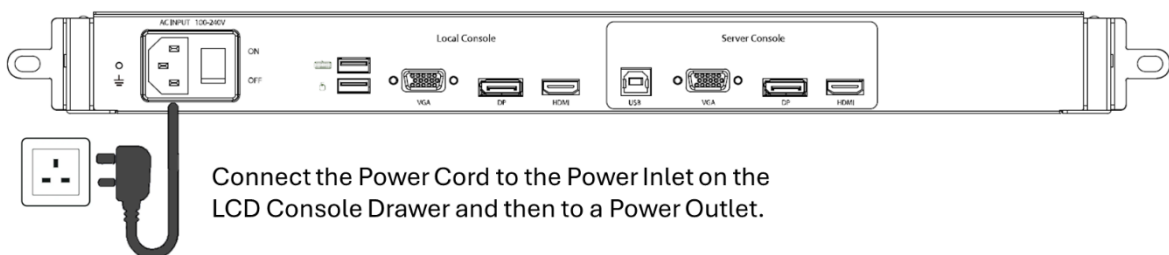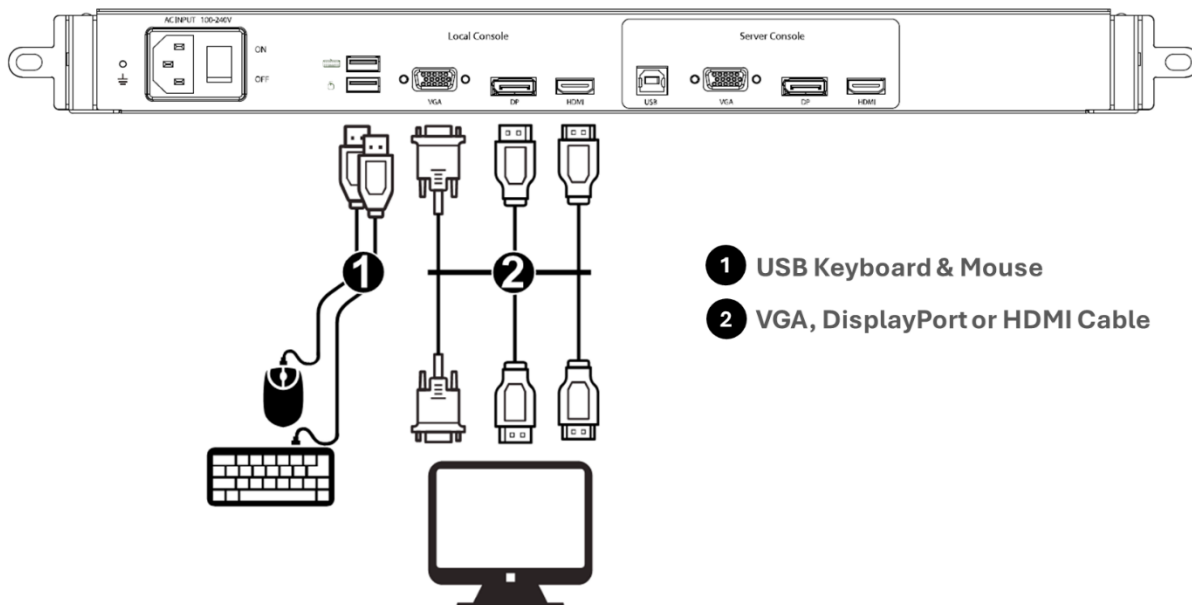
Connecting to a Server:

Either VGA, DisplayPort or HDMI Video Cable

USB 2.0 Type A Male to Type B Male Cable

Computer

Connecting to a KVM Switch:

Either VGA, DisplayPort or HDMI Video Cable

KVM Switch

USB 2.0 Type A Male to Type B Male Cable

Connecting the Power Cord:

Connect the Power Cord to the Power Inlet on the LCD Console Drawer and then to a Power Outlet.
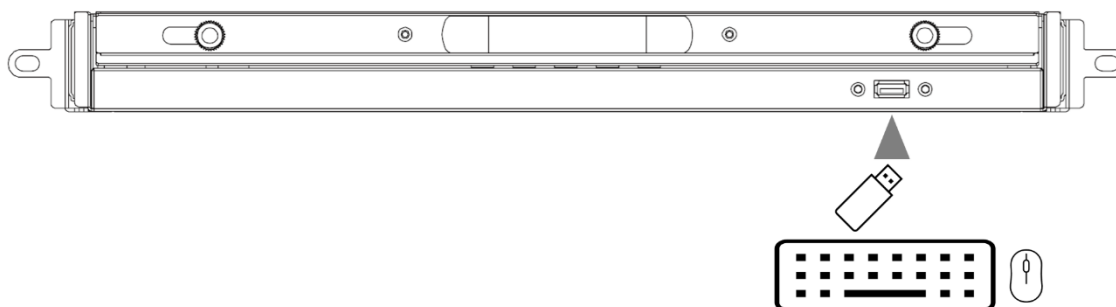
Note: The LCD Console Drawer provides an extra loop-through for local console. Both the LCD Console Drawer and the keyboard and mouse connected to the 'Local Console' can operate the equipment. An KVM Extender can also be used to extend this 'Local Console' connections to remote distance. Always <u>use the same type of video interface and cable on the 'Local Console' and the 'Server Console'</u> when connecting the equipment such as a monitor or KVM Extender, and a server or KVM Switch respectively.

The LCD Console Drawer also provides a front USB Hub enabling the additional connection of wired or wireless USB HID Keyboard/Mouse, or storage device.

Connecting an External USB Device:

Insert the USB device to the front panel USB-A port of the LCD Console Drawer and the server should detect the connection of the external USB device. Install the driver of the USB device to be detected, if necessary, prior to connecting the external USB device.

⑤ Adjusting the Video Quality

The OSD Menu provides the function to control the video quality. Use the buttons on the LCD Panel to fine tune the LCD display settings after accessing a server.

To auto-tune the LCD display:

1. If the integrated LCD panel is not switched on, press POWER.
2. Press UP/AUTO on the LCD display. An "Auto Adjusting" message appears, indicating that video settings are being fine-tuned.

To manually fine- tune the LCD display:

1. Press MENU. The OSD menu appears.
2. Press UP/AUTO and DOWN/SOURCE to select the desired setting or option e.g. Auto Adjust.
3. Press MENU to confirm your selection or changes.
4. After making the necessary changes, press EXIT to quit the current setting page or close the OSD menu.

Refer to the user manual for more information about settings adjustment from the OSD Menu.
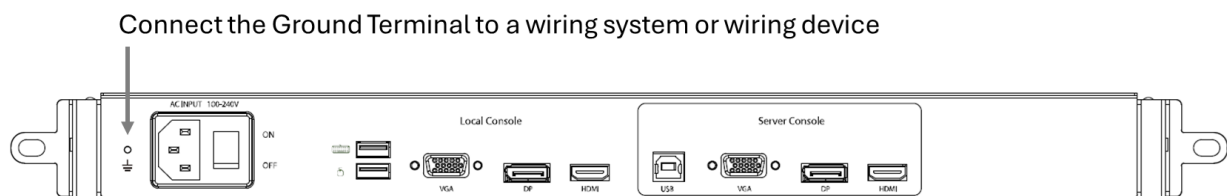
⑥ Care and Safety Precautions

When Operating the LCD Console Drawer:

1. Keep your fingers clear of the LCD Console Drawer when closing the LCD display.
2. Use caution when pressing the device rail release latches and sliding the device into or out of a rack; the slide rails can pinch your fingers.
3. This device is typically used in commercial IT environments and only qualified and trained personnel should be allowed to operate the equipment.

Product Care:

1. The slide/rail-mounted equipment should not be used as a shelf or workspace.
2. Do not place any object or lean on the LCD Console Drawer when it is pulled out. This may cause personal injury and/or property damage.
3. Do not apply force to the monitor screen and do not scratch it. This could damage the screen.
4. To prevent damage to your installation, it is important that all devices are properly grounded.

Connect the Ground Terminal to a wiring system or wiring device

Visit **https://www.dsgio.com/** **to download the latest product documentation.**