

A solid green vertical rectangular bar.

# Quick Start Guide

## 8/16-Port USB HDMI® KVMP Switch

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**GCS1808H/GCS1816H/GCS1808HKITU/GCS1816HKITU**

PART NO. Q1571/Q1572/Q1582/Q1583

### **GCS1808H/GCS1816H**

- 1 x GCS1808H/1816H 8/16-port USB HDMI KVMP Switch
- 2 x Custom USB HDMI KVM Cable Sets
- 1 x Firmware Upgrade Cable
- 1 x Power Adapter
- 1 x Foot Pad Set (4 pcs)
- 1 x Quick Start Guide
- 1 x Rack Mounting Kit

### **GCS1808HKITU/GCS1816HKITU**

- 1 x GCS1808H/1816H 8/16-port USB HDMI KVMP Switch
- 8/16 x Custom USB HDMI KVM Cable Sets
- 1 x Firmware Upgrade Cable
- 1 x Power Adapter
- 1 x Foot Pad Set (4 pcs)
- 1 x Quick Start Guide
- 1 x Rack Mounting Kit

## System Requirements

### **Console:**

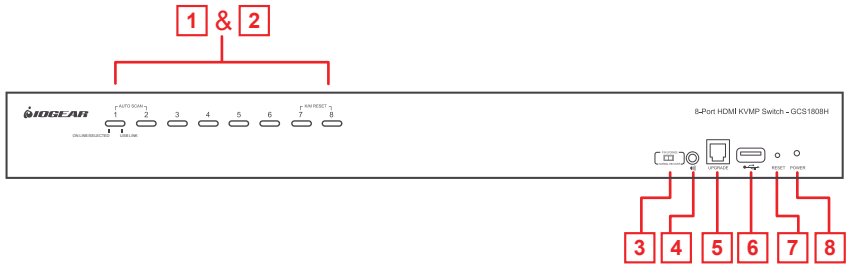
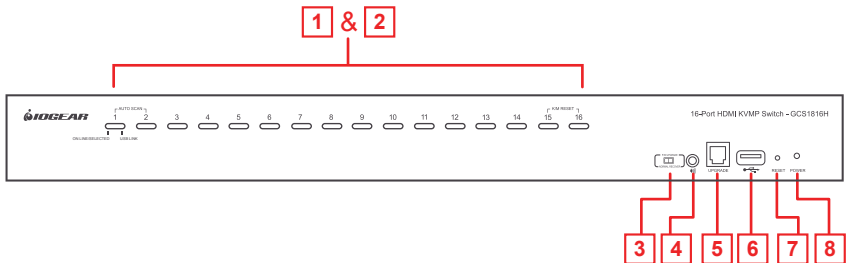
- An HDMI monitor
- A USB mouse
- A USB keyboard
- Speakers (optional)

### **Computers:**

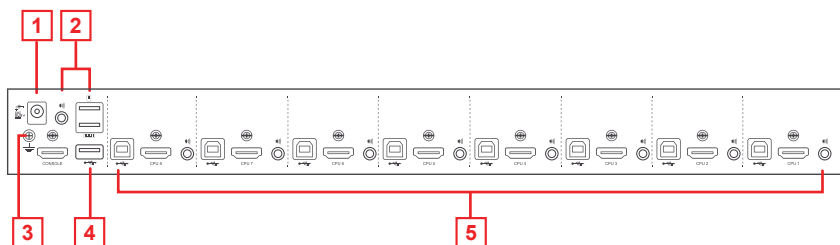
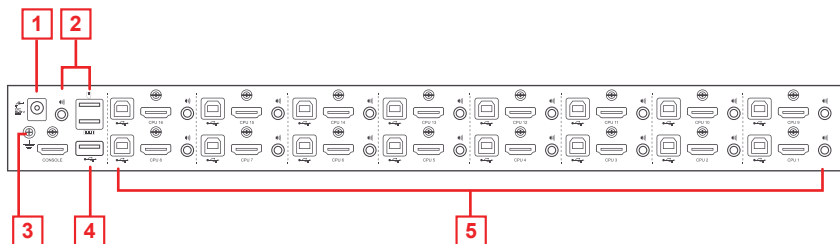
- An HDMI output\*
- A USB Type-A port
- Speaker ports (optional)

**Note:** \*The HDMI card quality will affect quality of the display. For best results, we recommend using a high quality HDMI card

The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

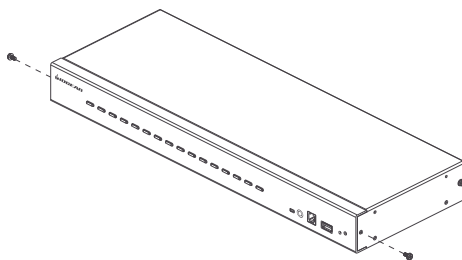
**GCS1808H Front View****GCS1816H Front View****Front View**

1. Port Selection Pushbuttons
2. Port LEDs
3. Firmware Upgrade Recovery Switch
4. Audio Port
5. Firmware Upgrade Port
6. USB 2.0 Port
7. Reset Switch
8. Power LED

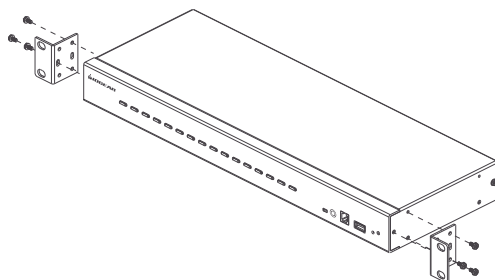
**GCS1808H Rear View****GCS1816H Rear View****Rear View**

1. Power Jack
2. Console Ports
3. Grounding Terminal
4. USB 2.0 Port
5. KVM Port Sections

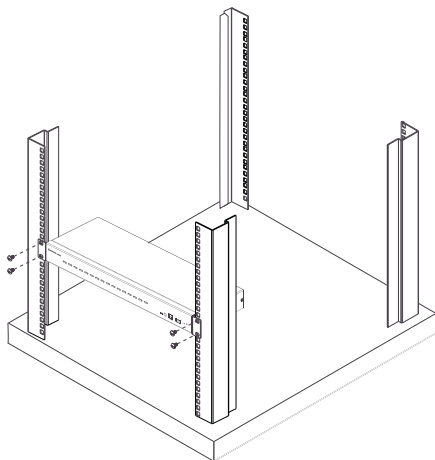
### Rack Mounting - Front



1. Remove the screws, one each from the left and the right sides of the switch, near to the front of the switch



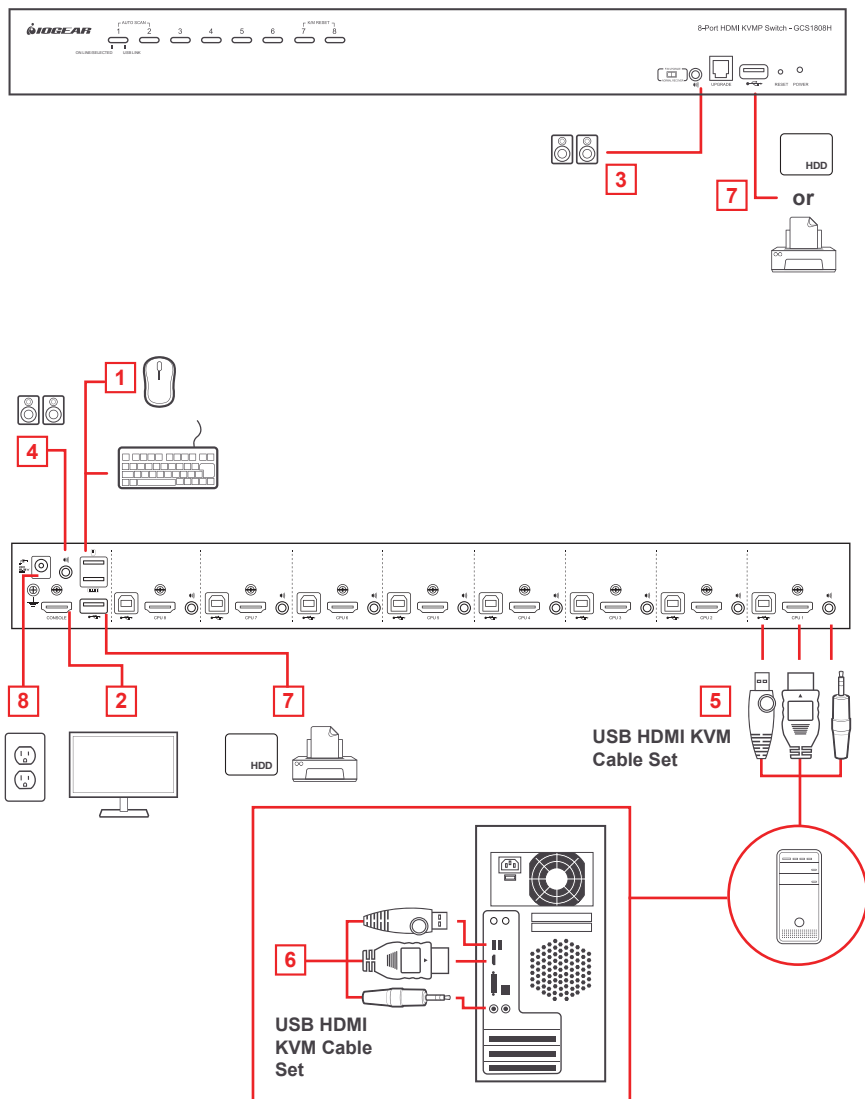
2. Use the M3 x 8 Phillips hex head screws supplied with the rack mount kit to screw the rack mount brackets into the sides near the front of the switch



3. Place the KVM switch in the rack. Position the switch so that the holes in the mounting brackets line up with the holes in the rack. Secure the mounting brackets to the front of the rack

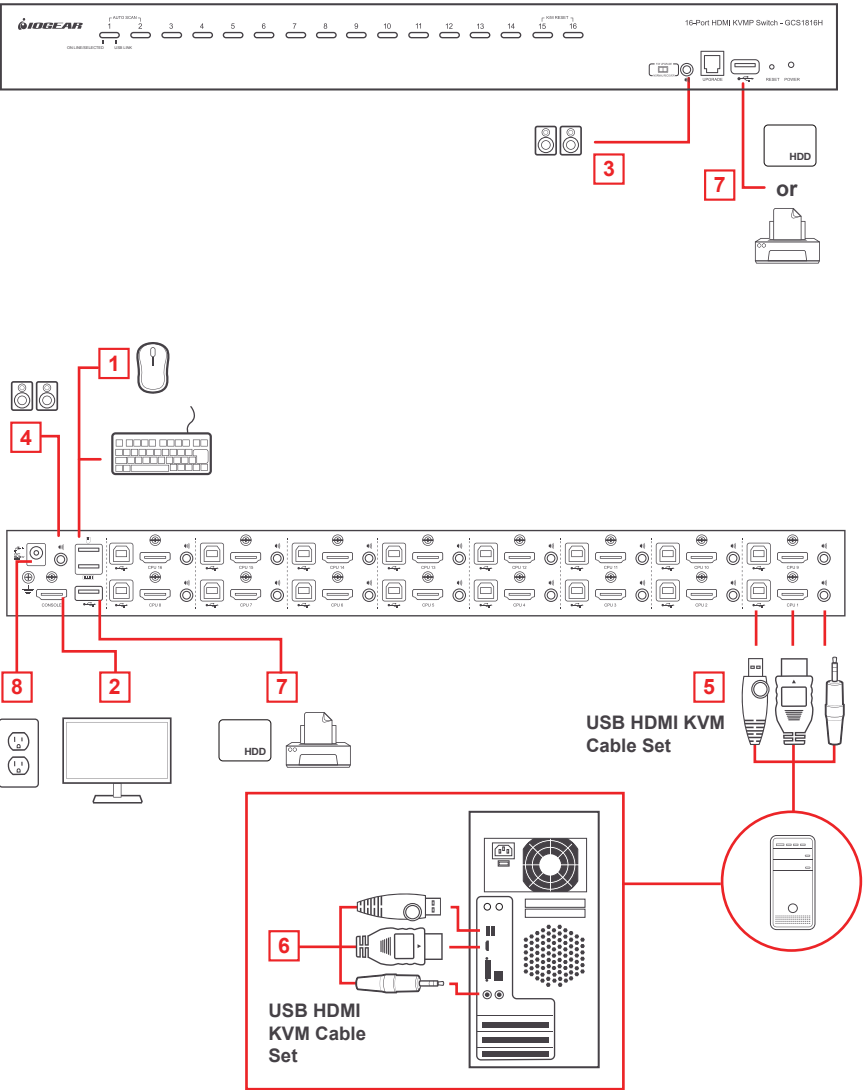
## Hardware Installation

### Single Stage Installation (GCS1808H)



# Hardware Installation

## Single Stage Installation (GCS1816H)



## Hardware Installation

### Single Stage Installation

To setup single stage GCS1808H/GCS1816H installation, please follow below steps:

1. Connect the USB keyboard and USB mouse into the USB console ports located on the switch's rear panel.
2. Connect the HDMI monitor into the HDMI console port and power ON.
3. Connect the main speakers into the audio port located on the switch's front panel. The speakers connected into this port will have priority over those connected to the rear panel.
4. Connect the secondary speakers into the audio port located on the switch's rear panel.
5. Using the custom USB HDMI KVM cable set provided with this package, connect the HDMI connector into any available HDMI socket in the KVM CPU section on the rear side of the switch. Then, connect the accompanying USB and audio connector into their corresponding USB and speaker sockets.
  - a. Verify that cables are connected to the same KVM CPU Port sockets (all in Port 1, all in Port 2, etc.).
  - b. GCS1808H/GCS1816H only supports speaker ports. Do not connect a KVM cable's microphone to the speaker ports.
6. At the other end of the cable set, connect the USB, video, and speaker cables into their respective ports on the computer. Please make sure that computers are in OFF mode.
7. Connect the USB peripherals into the USB Type-A port in the USB hub section of the switch.
8. Connect the included power adapter into an AC power source, then connect the power adapter cable to the switch's Power Jack.
9. Power ON all sources.

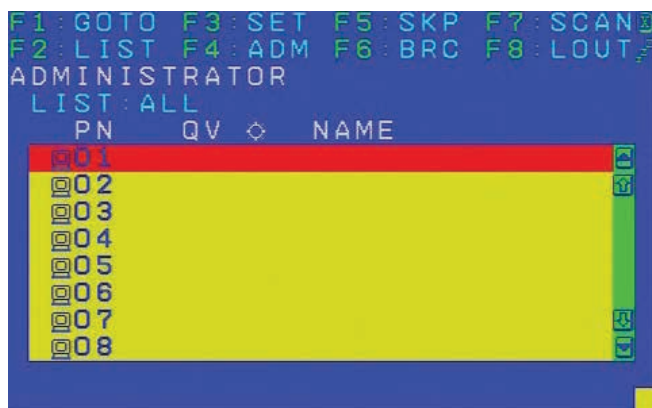


IOGEAR's GCS1808H/GCS1816H provides 3 port selection methods to access the connected computers: Manual, OSD (On-Screen Display) menu, and Hotkey combinations.

### Manual Port Switching

Use the front panel pushbutton switches to manually switch to a port.

### OSD Port Switching



The On-Screen Display (OSD) is menu driven method to control computer and switching operations, using mouse and keyboard. All procedures begin from the OSD main screen.

Default OSD Hotkey by pressing [Scroll Lock] key twice

### Hotkeys

1. Press and hold down [Num Lock]
2. Press and release [-]
3. Release [Num Lock]
4. Enter Port Number
5. Press [Enter]

## Operation

HSM Summary Table

Hotkey	Function
[PN] [Enter]	Switches KVM, Audio, and USB focus directly to the computer that corresponds to that port ID. (PN = port number)
[PN] [K] [Enter]	Switches KVM focus only directly to the computer that corresponds to that port ID. (PN = port number)
[PN] [U] [Enter]	Switches USB focus only directly to the computer that corresponds to that port ID. (PN = port number) <b>Note:</b> This hotkey functions on the first level of an installation only.
[A] [Enter]	Starts Auto Scan. The KVM focus cycles from port to port at the default 5-second intervals.
[F1]	Sets the port OS to Windows.
[F2]	Sets the port OS to Mac.
[F3]	Sets the port OS to Sun.
[D]	Invokes Video DynaSync™, IOGEAR's exclusive technology that eliminates boot-up display problems and optimizes resolution when switching between ports.
[M]	Enables/Disables mouse emulation.

## Compliance Information

### EMC Information

#### FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. The device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**FCC Caution:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

**CE Warning:** This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

## Limited Warranty

### Warranty Information

This product carries a 3 Year Limited Warranty. For the terms and conditions of this warranty, please go to <https://www.iogear.com/support/warranty>

Register online at <https://www.iogear.com/register>

### Important Product Information

Product Model \_\_\_\_\_

Serial Number \_\_\_\_\_

## Contact

### WE'RE HERE TO HELP YOU!

### NEED ASSISTANCE SETTING UP THIS PRODUCT?

Make sure you:

1. Visit [www.iogear.com](http://www.iogear.com) for more product information
2. Visit [www.iogear.com/support](http://www.iogear.com/support) for live help and product support

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