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Quick Start Guide

8/16-Port IP Based KVM

GCS1808i / GCS1816i

PART NO. Q1315 / Q1316

- 1 x GCS1808i / GCS1816i IP Base KVM
- 2 x Custom KVM Cable Sets (1 x PS/2; 1 x USB)
- 1 x Console Cable
- 1 x Firmware Upgrade Cable
- 1 x Foot Pad Set (4 pcs)
- 1 x Power Adapter
- 1 x Mounting Kit
- 1 x Quick Start Guide
- 1 x Installation CD
- 1 x Warranty Card

Requirements

- For best results, we recommend the computer at least a P III 1 GHz processor, and screen resolution is set to 1024x768
- For best results, we recommend an Internet connection speed of at least 128 kbps
- Browsers must support 128 bit data encryption
- To run the Windows® client, DirectX 8.0 or higher
- To run the Java client, Sun's Java Runtime Environment (JRE) 6, Update 3, or higher
- To run the Log Server, Microsoft Jet OLEDB 4.0 driver installed (or higher)

Console

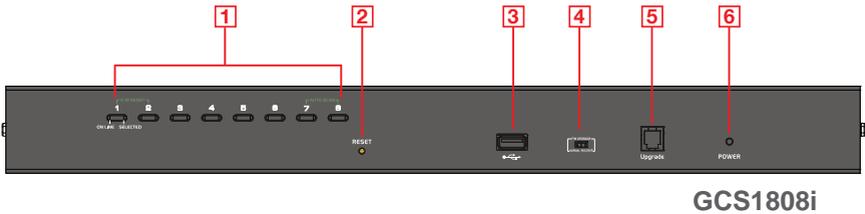
- 1 VGA monitor capable of displaying the highest resolution provided by any computer in the installation
- 1 USB or PS/2 Mouse
- 1 USB or PS/2 Keyboard

Computer

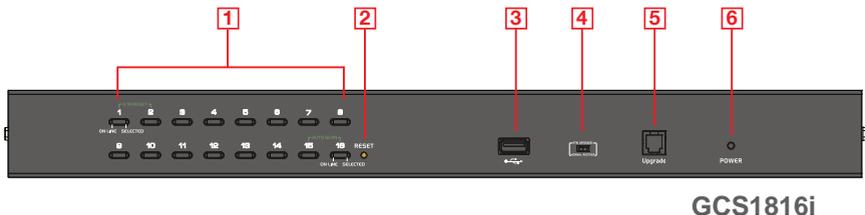
- Video graphics card with an HDB-15 port
- Either a Type A USB port and USB host controller
or
- A 6-pin mini-DIN keyboard and mouse ports

Front View:

1. Port Selection Switches and LEDs
2. Reset Switch
3. USB Port
4. Firmware Upgrade Recovery Switch
5. Firmware Upgrade Port
6. Power LED



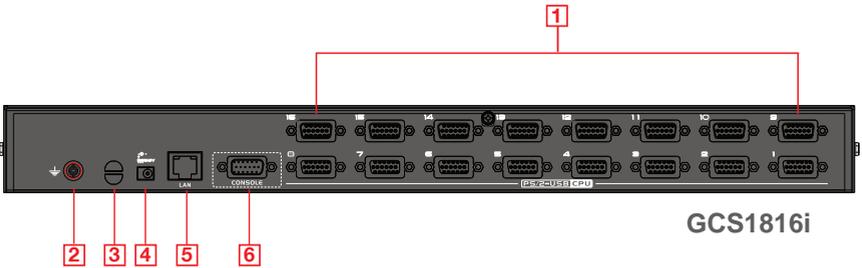
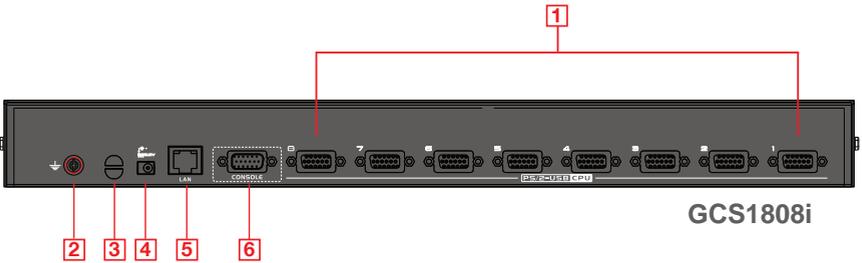
GCS1808i



GCS1816i

Rear View:

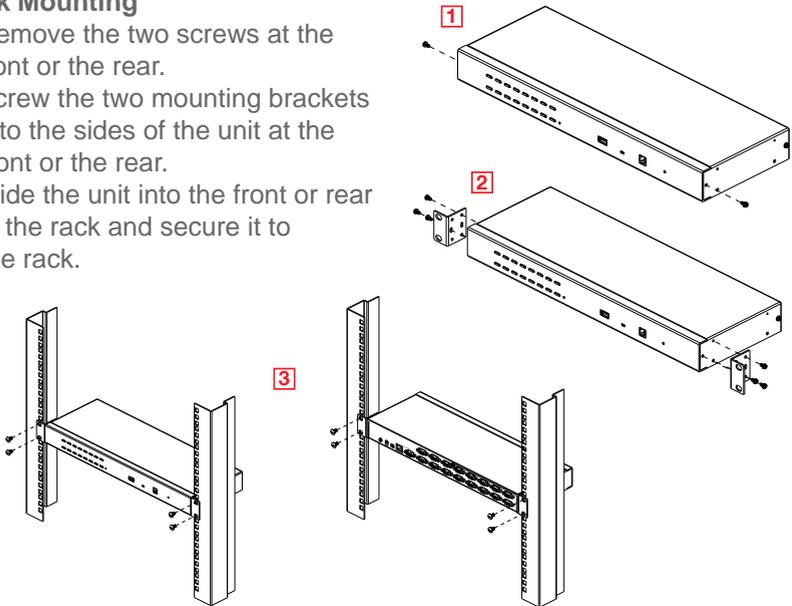
- 1. KVM Port Section
- 2. Grounding Terminal
- 3. Cable Tie Slot
- 4. Power Jack
- 5. LAN Port
- 6. Console Port



Hardware Installation

Rack Mounting

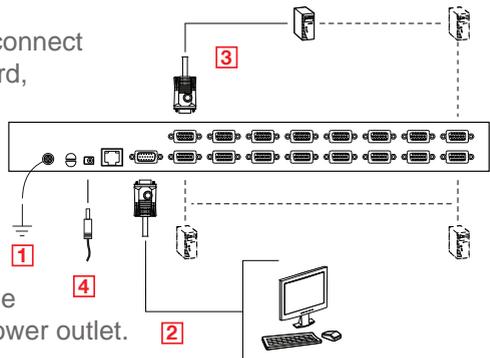
1. Remove the two screws at the front or the rear.
2. Screw the two mounting brackets into the sides of the unit at the front or the rear.
3. Slide the unit into the front or rear of the rack and secure it to the rack.



Single Station Installation

To set up a single station installation refer to the diagram, and do the following:

1. Ground the GCS1808i / GCS1816i by connecting one end of the grounding wire provided with your switch to the grounding terminal, and the other end of the wire to a suitable grounded object.
2. Using the console cable provided with your switch, connect a USB or PS/2 keyboard, mouse and monitor to the GCS1808i / GCS1816i console port.
3. Use the KVM cable sets to connect any KVM port to the keyboard, video and mouse ports of the computer you are installing.
4. Plug the power adapter cable into the GCS1808i / GCS1816i power jack, and then plug the power adapter into an AC power outlet.



After all the equipment has been connected up, power on the computers.

Port Selection

GCS1808i / GCS1816i installation provides three methods to obtain instant access to any computer in your installation:

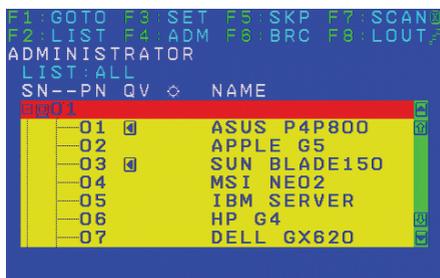
Manual

For manual port selection, simply press the Port Selection Switch that corresponds to the device you wish to access.

OSD/GUI

The GCS1808i / GCS1816i provides two menu driven interfaces to the port selection procedure:

- A text-based OSD (On Screen Display), when you log in from a local console
- A GUI (Graphical User Interface) when you log in remotely over the Internet



All procedures start from the OSD Main Screen. To pop up the Main Screen, press **[Scroll Lock]** twice.

Note: [Scroll Lock] is the default OSD hotkey. You can optionally change the Hotkey to the [Ctrl] key.

The login screen appears:

Enter a valid Username and Password to continue:



Note: The default username is **administrator**, the default password is **password**. The first time you log in, you must use these defaults. For security purposes, we strongly recommend that you change the default password to something unique.

Hotkey

All Hotkey operations begin by invoking Hotkey Mode. Invoking Hotkey Mode takes three steps:

1. Hold down the **Num Lock** key
2. Press and release the **minus** key
3. Release the **Num Lock** key
[Num Lock] + [-]

Note:

1. The sequence uses the default hotkey invocation method. If you selected the alternate hotkey invocation keys you would use [Ctrl] and [F12] instead.
2. The Minus (or F12) key must be released within one half second, otherwise Hotkey invocation is automatically cancelled.

Hotkey Summary Table

The following table summarizes Hotkey operations on the GCS1808i / GCS1816i:

[Num Lock] + [-] or [Ctrl] + [F12]	[A] [Enter]	Invokes <i>Auto Scan</i> mode. When Auto Scan mode is in effect, [P] or left-click pauses auto-scanning. When auto-scanning is paused, pressing any key or another left-click resumes auto-scanning.
	[B]	Toggles the Beeper On / Off
	[Esc] or [Spacebar]	Exits hotkey mode
	[F1]	Set Operating System to Windows®
	[F2]	Set Operating System to Mac
	[F3]	Set Operating System to Sun
	[F5]	Performs a keyboard / mouse reset on the target computer.
	[H]	Toggles Hotkey invocation keys
	[Port ID] [Enter]	Switches access to the computer that corresponds to that Port ID
	[R] [Enter]	Administrator only hotkey. It returns the switch's settings to their default values.
	[T]	Toggles the <i>OSD Hotkey</i> between [Ctrl] [Ctrl] and [Scroll Lock] [Scroll Lock]
	[←]	Invokes Skip Mode and skips from the current port to the first accessible port previous to it.
	[→]	Invokes Skip Mode and skips from the current port to the next accessible port

Browser Login

To log in from an Internet browser from a remote computer via IP, do the following:

1. Open your browser and specify the IP address of the GCS1808i / GCS1816i you want to access in the browser's URL location bar.



Note:

1. For security purposes, a login string may have been set by the administrator. If so, you must include a forward slash and the login string along with the IP address when you log in.
for example: 192.168.0.60/GCS1816i
2. The GCS1808i / GCS1816i default setting is for DHCP if it fails to find a DHCP server, after one minute it uses a default IP Address: 192.168.0.60. You can use the local console OSD (Network Page) to set the IP Address to what you like.

If you don't know the IP address and login string, ask your Administrator.

2. If a Security Alert dialog box appears, accept the certificate – it can be trusted. The GCS1808i / GCS1816i login page appears.

Note: If you are the Administrator and logging in for the first time, use the default Username: **administrator**, and the default Password: **password**. For security purposes, we strongly recommend you remove these and give yourself a unique Username and Password.

Note:

For complete instructions, please download the user manual from www.iogear.com/support/dm or refer to the included installation CD.

Compliance Information

FCC Statement

This product 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 product generates, uses, and can radiate radio frequency energy. If this product is not installed and used as directed it may cause harmful interference to radio communications. Operating this product in a residential area will likely cause harmful interference which will require correction by the user at his/her personal expense.

CE Compliance

This device has been tested and found to comply with the following European Union directives: Electromagnetic Capability (2004/108/EC), Low Voltage (2006/95/EC) and R&TTED (1999/5/EC).

Limited Warranty

WE'RE HERE TO HELP YOU! NEED ASSISTANCE SETTING UP THIS PRODUCT?

Make sure you:

1. Visit www.iogear.com for more product information
2. Visit www.iogear.com/support for live help and product support

Warranty Information

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

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

Important Product Information

Product Model _____

Serial Number _____

Contact

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