IOGEAR®

GCS1808i

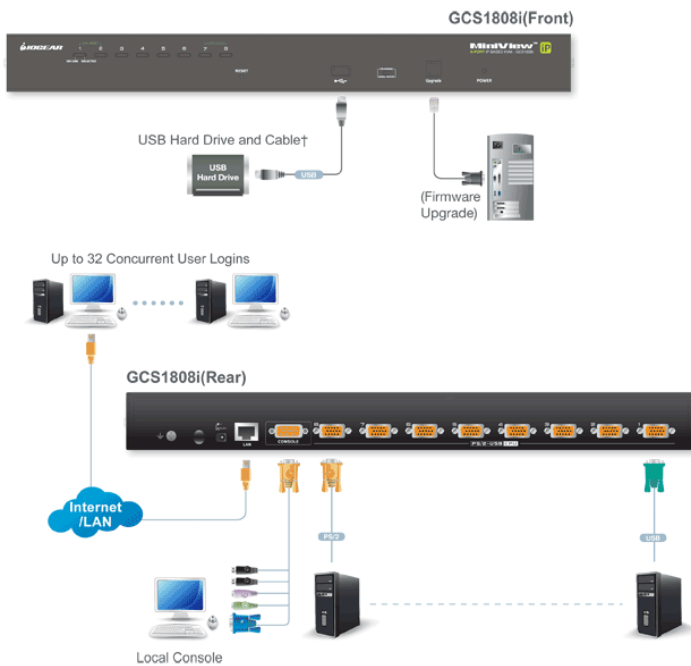# 8-Port IP Based KVM (TAA Compliant)

8-Port IP Based KVM

The IOGEAR GCS1808i is an IP-based KVM switch that allows both local and remote operators to monitor and access multiple computers. Remote users access the switches over the Internet through a web browser using TCP/IP protocol. GCS1808i supports up to 64 user accounts and allows 32 concurrent user logins for a single-bus computer access. The Message Board, a built-in feature that resembles an Internet chat program, lets users communicate with each other. The ability to exchange information in real time allows users to manage the KVM switch and connected computers in a smooth and efficient manner.

- 8-port IP-based KVM switch - monitor and control up to 8 computers from both local and remote KVM consoles
- Hot pluggable - add or remove computers without having to power down the switch
- Multiplatform support - Windows®, Linux® and Mac - Front panel USB port allows connected computers to access USB peripherals such as USB flash drives or hard drives*
- Dual Interface - the automatic interface detection supports computers with either PS/2 or USB connections
- Complete keyboard and mouse emulation for error free booting
- Supports USB keyboards for Windows® and Mac
- Superior video quality - up to 2048x1536 DDC2B for the local console; up to 1600x1200 @ 60Hz / 24-bit color depth for remote access
- Video DynaSync™ - stores the local monitor's EDID (Extended Display Identification Data) to optimize display resolution
- Custom ASIC provides an auto-sensing function that recognizes the position of each station on the installation
- Firmware upgradeable
- 19" Rack mountable; a mounting kit is included
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- Easy-to-Use Interface
- Easy to operate - computer selection via front panel pushbutton LED's, intuitive OSD (on screen display), and hotkeys
- Browser-based or AP GUIs, including a menu-driven OSD for the remote console
- Windows client and Java client software support
- Menu-driven OSD for the local console
- Multiplatform client support (Windows® , Mac OS X, Linux®)

- Multi-browser support (IE, Mozilla, Firefox, Safari, Opera, Chrome**)
- Panel array mode enables user to monitor multiple servers from a single screen
- Auto Scan Mode to monitor connected computers
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- Advanced Security
- Secure keyboard/mouse/video transmission via RC4 128-bit encryption
- Supports SSL 128-bit data encryption and RSA 1024-bit certificates for secure user logins from a browser
- Two level password security (administrator and users) - up to 64 user accounts with separate profiles for each and allows 32 concurrent user logins
- Third party authentication supported: RADIUS, LDAP, LDAPS, MS Active Directory
- Supports IP and MAC filters
- Log in authentication required for both local and remote access
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- Virtual Remote Desktop
- Resizable remote desktop window
- Message board allows logged in users to communicate with each other and allows a user to take exclusive control of the KVM functions
- Mouse DynaSync™ (see Additional mouse synchronization procedures)
- On-screen keyboard with multi-language support

*Only systems connected with the USB KVM cables will be able to access the front USB port for system upgrades and shared peripherals

**The Chrome browser will work when connecting to the GCS1808i from a Windows OS when the most current Java version has been installed

GCS1808i(Front)

USB Hard Drive and Cable†

USB Hard Drive

(Firmware Upgrade)

Up to 32 Concurrent User Logins

GCS1808i(Rear)

Internet /LAN

Local Console

Requirements

- **For best results during remote access:**
- Computers used to access the 8-Port IP Based KVM should have at least a P III 1 GHz processor and screen resolution should be set to 1024x768
- Internet connection speed of at least 128kbps
- Browsers must support 128-bit data encryption
- To run the Windows® client, DirectX 8.0 or higher is required
- To run the Java client, Sun's Java Runtime Environment (JRE) 6, Update 3, or higher is required
- To run the Log Server, Microsoft Jet OLEDB 4.0 (or higher) driver is required
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- **Local Console:**
- 1 VGA monitor
- 1 USB or PS/2 Mouse
- 1 USB or PS/2 Keyboard
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- **Local Computers:**
- Video graphics card with an HDB-15 VGA port
- Type A USB port and USB host controller
- or
- 6-pin mini-DIN keyboard and mouse port
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- **Operating System**
- Windows Vista® (32-bit / 64-bit), Windows® 7 (32-bit / 64-bit), Windows® 8.x (32-bit / 64-bit)
- Apple Mac OS X 9.0 to 10.x
- Linux®
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- **Recommended**

Package Contents

- 1 x GCS1808i 8-Port IP Based 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 Software CD
- 1 x Warranty Card

- G2L5202U /
  G2L5203U - USB
  KVM cable (6ft / 10ft)
- G2L5202P/
  G2L5203P - PS/2
  KVM cable (6ft / 10ft)

* Cables Not Included

Specifications

Function	GCS1808i
Computer Connections	
Direct	8
Port Selection	OSD; Hotkey; Button
Console Connectors	
Keyboard, Mouse, and Monitor	1 x SPHD-18 Male (Yellow)
Connectors	
Power	1 x DC Jack
LAN	1 x RJ45 Female
USB	1 x USB Type A
Computer/KVM	8 x SPDH-17 Female
Switches	
Reset	1 x Semi-recessed pushbutton
Port Selection	8 x Push Button
F/W Upgrade	1 x Slide
LEDs	
On Line	8 (Orange)
Selected	8 (Green)
Power On	1 (Dark Green)
10/100 Mbps	1 (Orange/Green-at LAN port)
Emulation	
Keyboard	USB, PS/2
Mouse	USB, PS/2
Video Performance	
Local	2048x1536; DDC2B
Remote	1600x1200@60Hz / 24-bit color depth
Scan Interval	1-255 sec.
Power Consumption	DC 5.3V; 9.5W
Environment	
Humidity	0~80% RH, Non-condensing
Operation Temperature	32~122 F (0~50 C)
Storage Temperature	-4~ 140 F (-20~60 C)
Housing	
Case	Metal

Dimensions	GCS1808i
Unit Dimensions	
Height	1.75" (4.45cm)
Depth	6.25" (15.88cm)
Length	17.00" (43.18cm)
Unit Package Dimensions	
Height	9.25" (23.50cm)
Depth	4.5" (11.43cm)
Length	21.5" (54.61cm)
Master Carton	
Width	22.3" (56.64cm)
Height	15.1" (38.35cm)
Depth	10.5" (26.67cm)
Master Carton Qty.	3
Weight	
Master Carton Wt.	27.7lbs (12.58kg)
Unit Pack Wt.	8.6lbs (3.9kg)
Unit Wt.	5.7lbs (2.58kg)