

16-Port IP Based KVM (TAA)

GCS1816i



- 16-port IP-based KVM switch - monitor and control up to 16 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
- 19" Rack mountable; a mounting kit is included
- Easy-to-Use Interface
- 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 and Linux®)
- Multi-browser support (IE, Mozilla, Firefox, Safari, Opera, Chrome**)
- Panel array mode enables user to monitor multiple servers from a single screen
- 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
- 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
- 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™
- 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

**Chrome browser will not work when trying to connect to GCS1816i from Windows OS

16-Port IP Based KVM

The IOGEAR GCS1816i 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. GCS1816i 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.

The GCS1816i features many security tools such as the 128-bit SSL encryption for browser access and RC4 128-bit encryption for secure data transmission. GCS1816i also supports third party authentication such as RADIUS, LDAP, LDAPS, and MS Active Directory. In addition, IP and Mac filters provide added security against unauthorized access. The Log Server, a Windows-based administrative utility, records all the events that take place on the GCS1816i and writes them to a searchable database.

Once logged in to GCS1816i, users can manage the computers via the virtual remote desktop window. Mouse DynaSync™ optimizes the remote and local cursors synchronization.

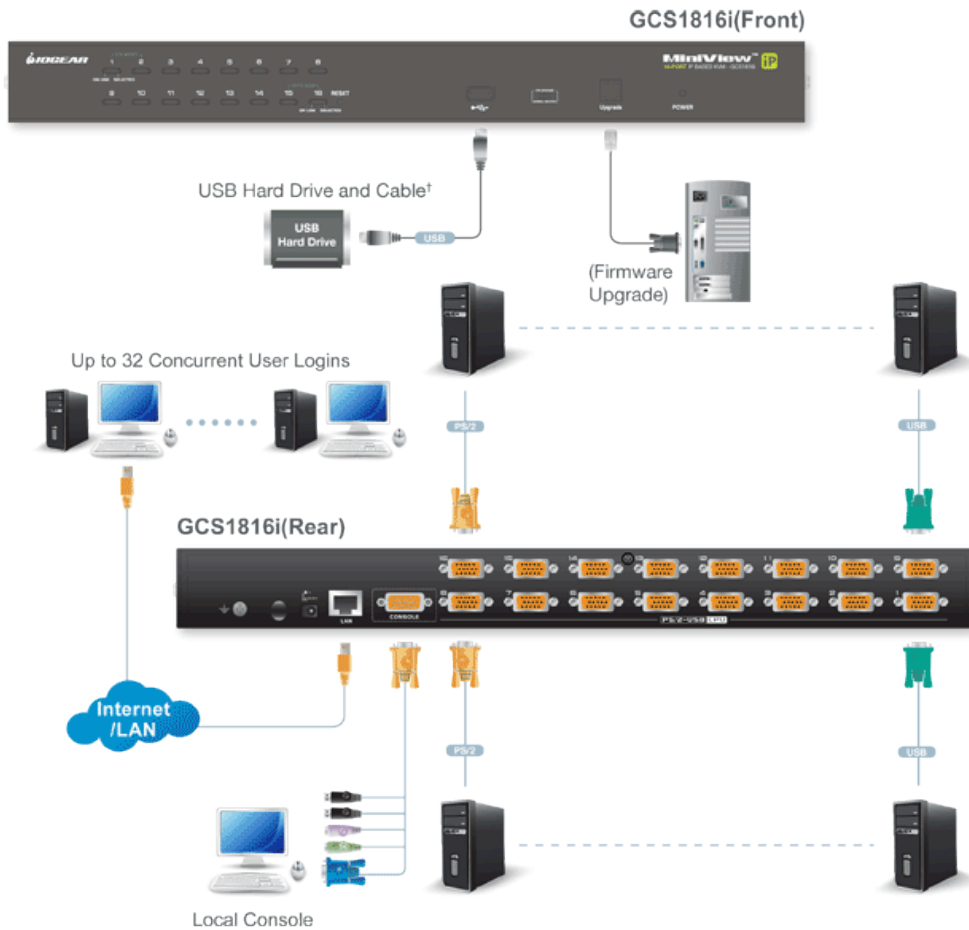
<http://www.iogear.com/product/GCS1808i/>



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Product Requirements

- For best results during remote access:
- Computers used to access the 16-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
- Local Console:
- 1 VGA monitor
- 1 USB or PS/2 Mouse
- 1 USB or PS/2 Keyboard
- 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
- 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®

Package Contents

- 1 x GCS1816i 16-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

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- Recommended Cables* - USB KVM cable (6ft / 10ft)
- Recommended Cables* - PS/2 KVM cable (6ft / 10ft)

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* Cables Not Included

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Specifications

Function	GCS1816i	Dimensions	GCS1816i
Computer Connections		Unit Dimensions	
Direct	16	Height	1.75" (4.45cm)
Port Selection	OSD; Hotkey; Pushbutton	Depth	6.25" (15.88cm)
Console Connectors		Length	17.00" (43.18cm)
Keyboard, Mouse, and Monitor	1 x SPHD-18 Male	Unit Package Dimensions	
Connectors		Height	9.25" (23.50cm)
Power	1 x DC Jack	Depth	4.5" (11.43cm)
LAN	1 x RJ45 Female	Length	21.5" (54.61cm)
USB	1 x USB Type A	Master Carton	
Computer/KVM	16 x SPDH-17 Female	Width	22.3" (56.64cm)
Switches		Height	15.1" (38.35cm)
Reset	1 x Semi-recessed pushbutton	Depth	10.5" (26.67cm)
Port Selection	16 x Pushbutton	Master Carton Qty.	3
F/W Upgrade	1 x Slide	Weight	
LEDs		Master Carton Wt.	29.20lbs (13.26kg)
On Line	16 (Orange)	Unit Pack Wt.	9lbs (4.08kg)
Selected	16 (Green)	Unit Wt.	6.1lbs (2.76kg)
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; 11W		
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		