

## GCS1808

## 8-Port USB PS/2 Combo VGA KVMP Switch (TAA Compliant)



### 8-Port VGA KVMP with USB & PS/2 Interface

IOGEAR's GCS1808 KVMP is a combo USB and PS/2 switch allowing access and control of up to 128\* computers from a single console (keyboard, mouse, and monitor). Cascade as many as 8 additional switches to bring the total number of connected computers to 64 computers that can be controlled from a single keyboard-monitor-mouse console. A custom ASIC (patent pending) provides an auto-sensing function that recognizes the position of each station on the installation, eliminating the need to manually set the position with DIP switches. Additionally, the GCS1808 features high density SPHD 15-pin instead of the usual 25-pin connectors thus allowing for a compact design and installation in a 1U system rack.

### Expanded Peripheral Sharing

The GCS1808 includes one USB port located on the front panel for easy access for system upgrades and shared peripherals. Setup is fast and easy; plugging cables into their appropriate ports is all that is needed. The switch supports both USB and PS/2 connections for the console and computers. The GCS1808 intercepts keyboard input directly, thus eliminating the need for any software configuration.

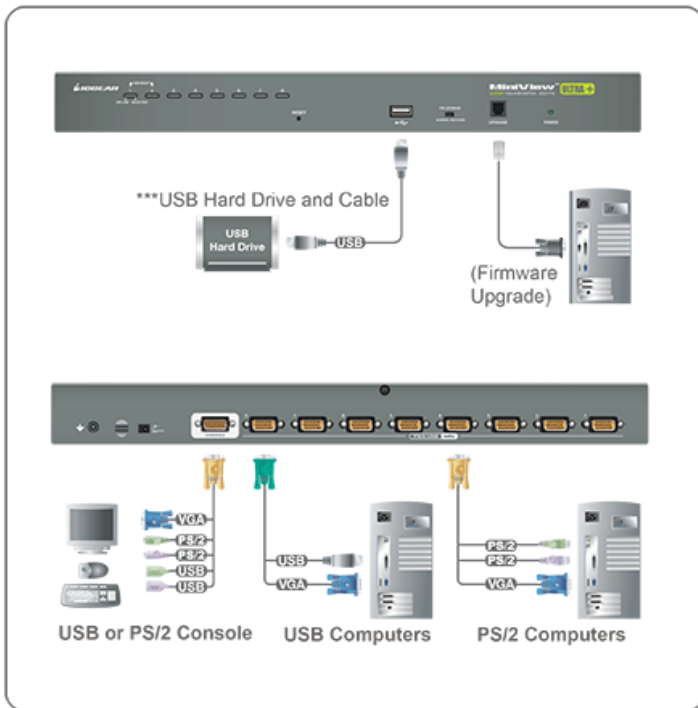
- 8-Port VGA KVMP with USB and PS/2 Interface
- Maximum video resolution: up to 2048 x 1536
- \*\*Cascade up to 2 levels - control up to 128 computers from a single console
- \*\*\* Front USB Port - for system upgrades
- Security - 2 level password protection for OSD
- Auto Scan Mode to monitor connected computers
- Broadcast Mode to send commands to all connected computers
- Rack mountable in a 19" (1U) system rack
- Multi-platform OS support - Windows®, Mac, Oracle® Solaris and Linux®
- Easy to operate - computer selection via front panel LED's, intuitive OSD (on screen display) and hotkeys
- Custom ASIC provides an auto-sensing function that recognizes the position of each station on the installation
- Fully supports DDC2B
- Firmware upgradable
- TAA Compliant

\*IOGEAR's Display Emulation Technology provides the DDC support for Windows® 7

\*\*Cascade with GCS1716 for control over 128 computers

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





**Requirements**

**Package Contents**

**Console:**

- VGA, SVGA, or MultiSync Monitor
- A Keyboard and Mouse (USB or PS/2)

- 1 x 8-Port USB PS/2 Combo KVM
- 1 x PS/2 KVM Cable (6ft - G2L5202P)
- 1 x USB KVM Cable (6ft - G2L5202U)

**Computers:**

- VGA, SVGA, or MultiSync video graphics card with an HDB-15 port
- PS/2 mouse and keyboard ports (6-pin mini DIN)
- 1 x USB port

- 1 x Console Cable
- 1 x Cascade Cable
- 1 x Firmware Upgrade Cable
- 1 x Grounding Wire
- 1 x Foot Pad Set (4 Pads)
- 1 x Power Adapter
- 1 x Standard Rack Mounting Kit
- 1 x Installation Guide
- 1 x Warranty Card

**Operating Systems:**

- Windows(R) XP, Windows Vista(R), Windows(R) 7\*, Windows(R) 8, Windows(R) 8.1, Windows 10
  - Mac OS 9 to 10.x
  - Oracle(R) Solaris
  - Linux , Unix and other USB supported systems \*\*
- \*\*Additional drivers and support may be needed  
 \*IOGEAR's DynaSync provides the EDID support for Windows(R) 7

## Specifications

Function	GCS1808	Dimensions	GCS1808
<b>Computer Connections</b>		<b>Unit Dimensions</b>	
Direct	8	Height	1.75in.
Daisy Chain or Cascading	64 (via Cascade)	Depth	6.25in.
<b>Port Selection</b>		Width	17in.
Hotkeys, OSD, Button		<b>Unit Package Dimensions</b>	
<b>Connectors</b>		Height	9.625in.
Console	1 x SPHD-18 Male (Yellow)	Width	22in.
Computer/KVM	8 x SPHD-15 Female (Yellow)	Depth	5.5in.
Power	1 x DC Jack	<b>Master Carton</b>	
USB	1 x USB 1.1 Type A Female	Height	10.75in.
<b>Reset Switch</b>		Width	18.25in.
1 x Semi-Recessed Push Button		Depth	22.75in.
<b>Switches</b>		Master Carton Qty.	3
F/W Upgrade	1 x Slide Switch	<b>Weight</b>	
Port Selection	8 x Push Button	Master Carton Wt.	30.66lb
<b>Emulation</b>		Unit Pack Wt.	9.4lb
Keyboard	PS/2, USB	Unit Wt. w/accessories	7.68lb
Mouse	PS/2, USB	Unit Wt.	5.58lb
<b>Video Resolution</b>			
VGA 2048x1536, DDC2B			
<b>Power</b>			
Voltage	DC 5.3V		
Amps	2.4A		
<b>Scan Interval</b>			
1-255 sec			
<b>Environment</b>			
Operation Temperature	0-50C		
Storage Temperature	-20-60C		
Humidity	0-80% RH, Non-condensing		
<b>Housing</b>			
Case	Metal		
<b>Cable Length</b>			
1 x 6ft USB KVM Cable; 1 x 6ft PS/2 KVM Cable			