GCS16KIT

16-Port USB PS/2 Combo KVM Switch with Cables

The GCS16KIT is a combo switch allowing access and control of up to 256 computers from a single console (keyboard, mouse, and monitor). As many as 16 additional switches can be cascaded bringing the total number of connected computers to 256 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 GCS16KIT 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.

The GCS16KIT includes one USB port located on the front panel for easy access and sharing of any USB 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 GCS16KIT intercepts keyboard input directly, thus eliminating the need for any software configuration. Switching between computers can be easily accomplished either by manually pressing the front panel push button port LEDs, entering hotkey combinations from the keyboard, or via a menu driven multilingual on-screen display (OSD) system. A convenient auto-scan feature permits automatic scanning and monitoring of activities on all connected.
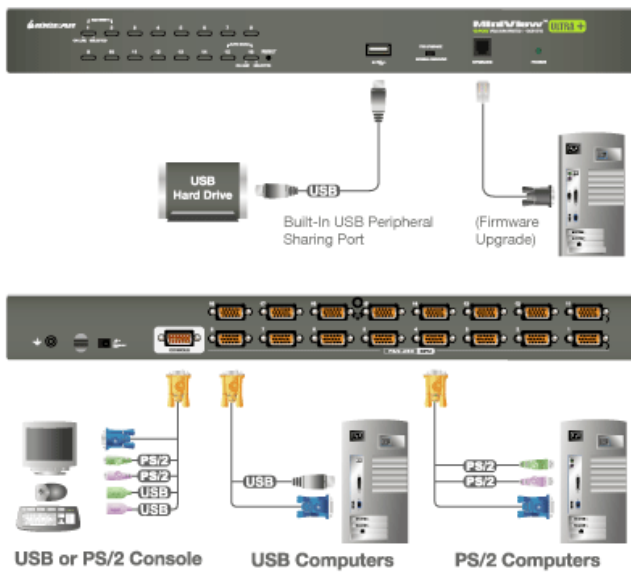
GCS16KIT Included Cables:

- 8 x 2M USB KVM cable (G2L5202U)
- 1 x 2M PS/2 KVM cable (G2L5202P)

- Multi platform OS support - Windows®, Mac, Sun Solaris™ , and Linux®
- Easy to operate - computer selection via front panel LED's, intuitive OSD (on screen display), and hotkeys
- Cascade up to 2 levels - control up to 256 computers from a single console*
- Security - 2 level password protection for OSD
- Maximum video resolution: up to 2048 x 1536
- Front USB Port - Fully compliant with USB 1.1 for system upgrades and shared peripherals**

- Rack mountable in a 19" (1U) system rack
- Custom ASIC provides an auto-sensing function that recognizes the position of each station on the installation
- Fully Supports DDC2B

*Firmware update is now available at
http://www.iogear.com/support/dm/driver/GCS16KIT

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

How does it work?

USB or PS/2 Console   USB Computers   PS/2 Computers

Requirements

Console:

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

Computers:

- VGA, SVGA, or MultiSync video graphics card with an HDB-15 port
- PS/2 mouse and keyboard ports (6-pin mini DIN) and at least 1 USB port
- Multi platform OS support - Windows®, Mac, Sun Solaris™ , and Linux®

* Recommended Cables:

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

Package Contents

- 1 x GCS1716
- 8 x 2M USB KVM Cable (G2L5202U)
- 1 x 2M PS/2 KVM Cable (G2L5202P)
- 1 x Console Cable
- 1 x Firmware Upgrade Cable
- 1 x Cascade Cable
- 1 x Rack Mount Kit
- 1 x Grounding Wire
- 1 x Foot pad set (4 pads)
- 1 x Power Adapter
- 1 x Installation Guide
- 1 x Warranty Card

Specifications

Function	GCS16KIT
Computer Connections	
Direct	16
Daisy Chain or Cascading	256 (via Cascade)
Port Selection	Hotkeys, OSD, Button
Connectors	
Console	1 x SPHD-18 Male (Yellow)
Computer/KVM	16 x SPHD-15 Female (Yellow)
Power	1 x DC Jack
USB	1 x USB 1.1 Type A Female
Reset Switch	1 x Semi-Recessed Push Button
Switches	
F/W Upgrade	1 x Slide Switch
Port Selection	16 x Push Button
Emulation	
Keyboard	PS/2, USB
Mouse	PS/2, USB
Video Resolution	VGA 2048x1536, DDC2B
Power	
Voltage	DC 5.3V
Amps	2.4A
Scan Interval	1-255 sec
Environment	
Operation Temperature	0~50C
Storage Temperature	-20~60C
Humidity	0~80% RH, Non-condensing
Housing	
Case	Metal

Dimensions	GCS16KIT
Unit Dimensions	
Width	17in.
Height	1.75in.
Depth	6.25in.
Unit Package Dimensions	
Width	9in.
Height	10in.
Depth	22in.
Weight	
Unit Pack Wt.	14.4lb
Unit Wt. w/accessories	13.3lb
Unit Wt.	6.02lb