**IOGEAR®**

GCS1716KITTAA

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



The GCS1716 KVM 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 GCS1716 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 GCS1716 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 GCS1716 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.
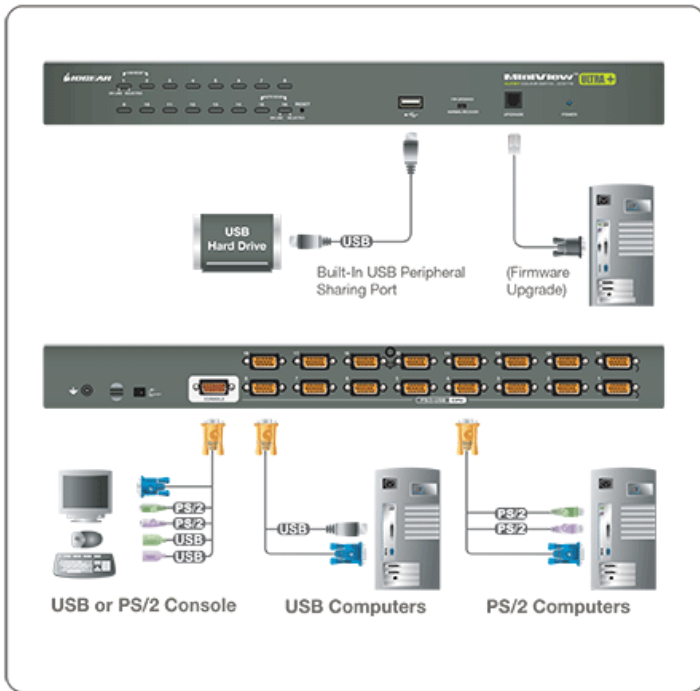
- Multi platform OS support - Windows®, Mac, Sun Solaris™ , and Linux®
- Auto Scan Mode to monitor connected computers
- Broadcast Mode to send commands to all connected computers
- Easy to operate - computer selection via front panel LED's, intuitive OSD (on screen display), and hotkeys
- *Cascade up 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
- Supports both USB and PS/2, VGA computers

- ** 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/GCS1716)

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

## 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 OS Platform Support: PC / Mac / Sun / Linux

\* Recommended Cables:

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

\* (Cables Not Included)

## Package Contents

- 1 x GCS1716, 16-Port Combo KVM w/ Standard Rack Mounting Kit
- 6 x 2M USB KVM cable (G2L5202U)
- 6 x 3M USB KVM cable (G2L5203U)
- 2 x 2M PS/2 KVM cable (G2L5202P)
- 2 x 3M PS/2 KVM cable (G2L5203P)
- 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 Installation Guide
- 1 x Warranty Card

# Specifications

| Function | GCS1716KITTAA |
|---|---|
| **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 | GCS1716KITTAA |
|---|---|
| **Unit Dimensions** | |
| Width | 17in. |
| Height | 1.75in. |
| Depth | 6.25in. |
| **Unit Package Dimensions** | |
| Width | 10.25in. |
| Height | 9.625in. |
| Depth | 22.375in. |
| **Weight** | |
| Unit Pack Wt. | 18.39lb |
| Unit Wt. w/accessories | 15.61lb |
| Unit Wt. | 6.02lb |