

GCS1764

## 4 Port DVI KVMP Switch with audio and cables



The IOGEAR DVI KVMP Switch GCS1764 charts a revolutionary new direction in KVM switch functionality by providing an interface for today's digital monitors while integrating a 4-port USB KVM switch with USB peripheral sharing capabilities. As a KVM switch, the unit allows the user to access four computers from a single USB keyboard, USB mouse, and monitor, and also share among the computers peripherals such as external hard drives, printers and scanners. The GCS1764's independent (asynchronous) switching feature allows the KVM focus to be on one computer while the USB peripheral focus is on another. The user can switch from one computer to another without interrupting print jobs, downloads or other functions being handled by connected peripherals. This eliminates the need to purchase a separate USB hub as well as the need to purchase separate stand-alone peripheral sharers - such as printer servers, modem splitters, etc. The GCS1764 further improves on previous designs with DVI (Digital Video Interface) connectors, and the transfer of keyboard and mouse data to the computers via a fast, reliable USB connection. DVI supports both digital input (flat panel displays, data projectors, plasma displays, digital TVs and set-top boxes) and analog video input (traditional monitors and TVs).

- Dual function KVMP/USB switch
- One console controls 4 computers
- Independent (asynchronous) switching of KVM and peripheral USB/audio ports
- Fully compliant with the USB 1.1 specification
- DVI digital and analog monitor support - fully compliant with the DVI specifications
- Computer selection via front panel switches or hot keys
- LED display for easy status monitoring
- Auto Scan Mode for monitoring all computers
- Complete keyboard emulation for error free booting
- Superior Video quality - 1920 x 1200 @ 60 Hz; DDC2B
- Easy installation
- Hot pluggable - add or remove computers for maintenance without powering down the switch
- Supports Windows and Mac host systems
- Compatible with most wireless keyboards and mice
- Firmware upgradeable



## Requirements

## Package Contents

### Console:

- A DVI monitor
- A USB style mouse
- A USB style keyboard
- Microphone and speakers (optional)

- 1 x GCS1764 KVMP switch
- 4 x 6' custom cables
- 1 x Firmware upgrade cable
- 1 x Power Adapter
- 1 x User Manual
- 1 x Quick Start Guide

### Computer:

- A DVI port
- Type A USB port
- Audio ports (optional)
- Windows 98, 98SE, ME, 2000, XP
- Mac OS 8.6 or greater
- Sun Solaris
- Linux, UNIX and other USB supported systems\*

\*Additional drivers and support may be needed

### Cables:

- Only IOGEAR Custom cable sets specifically designed to work with this switch may be used to link to the computers. Four cable sets are provided with this package.

### Audio

- Requires 2-piece powered speaker system

## Specifications

| Function                     | GCS1764                              | Dimensions                     | GCS1764               |
|------------------------------|--------------------------------------|--------------------------------|-----------------------|
| <b>Housing</b>               |                                      | <b>Unit Dimensions</b>         |                       |
| Case                         | Metal                                | Width                          | 2.93 in. (7.44 cm.)   |
| <b>CPU Connectors</b>        |                                      | Height                         | 1.65 in. (4.19 cm.)   |
| Monitor                      | 4 x DVI-I ports (female)             | Depth                          | 10.25 in. (26.04 cm.) |
| Microphone                   | 4 x Microphone jack                  | <b>Unit Package Dimensions</b> |                       |
| Audio                        | 4 x Stereo earphone jack             | Width                          | 13 in. (33.02 )       |
| Keyboard & Mouse             | 4 x USB Type B sockets               | Height                         | 8.375 in. (21.27 cm)  |
| <b>Console Connectors</b>    |                                      | Depth                          | 3.875 in. (9.855 cm)  |
| Mouse                        | 1 x USB Type A socket                | <b>Master Carton</b>           |                       |
| Keyboard                     | 1 x USB Type A socket                | Width                          | 9 in (22.86 cm)       |
| Monitor                      | 1 x DVI-I (female) port              | Height                         | 13in (33.02 cm)       |
| Microphone                   | 1 x Microphone jack                  | Depth                          | 13.5in ( 34.29 cm)    |
| Audio                        | 1 x Stereo earphone jack             | Master Carton Qty.             | 3                     |
| <b>LEDs</b>                  |                                      | <b>Weight</b>                  |                       |
| Selected                     | 4 x Orange                           | Master Carton Wt.              | 21.6 lbs (9.797 kg)   |
| On Line                      | 4 x Orange                           | Unit Pack Wt.                  | 7 lbs ( 3.175 kg)     |
| USB Peripherals              | 4 x Green                            | Unit Wt.                       | 2.2 Lbs. (0.99 kg.)   |
| <b>Port Selection</b>        | Front Panel Switches; Hotkey         |                                |                       |
| <b>Video Resolution</b>      | Up to 1920 x 1200; DDC2B             |                                |                       |
| <b>Scan Interval</b>         | 1-99 secs (default: 5 secs)          |                                |                       |
| <b>Emulation</b>             |                                      |                                |                       |
| Keyboard                     | USB                                  |                                |                       |
| Mouse                        | USB                                  |                                |                       |
| <b>Computer Connections</b>  |                                      |                                |                       |
| Direct                       | 4                                    |                                |                       |
| <b>Operating Temperature</b> | 0 - 50 C                             |                                |                       |
| <b>Storage Temperature</b>   | -20 - 60 C                           |                                |                       |
| <b>Humidity</b>              | 0-80% RH                             |                                |                       |
| <b>Cable Length</b>          | USB DVI (D) cables 4 @ 3.9 ft (1.8m) |                                |                       |
| <b>Power Adaptor Part #</b>  |                                      |                                |                       |
| for North America            | # 0AD8-0005-261G                     |                                |                       |
| for Continental Europe       | # 0AD6-1005-261G                     |                                |                       |
| for UK                       | # 0AD4-3005-261G                     |                                |                       |
| <b>Peripheral Sharing</b>    | 2 x USB 1.1                          |                                |                       |