

GCS1644

4-Port DualView Dual-Link DVI KVMP Switch with Audio (TAA Compliance)



4 Port Dual Monitor DVI KVMP Switch with Audio

IOGEAR's GCS1644 4-Port DualView DVI KVMP Switch marks a leap in KVM functionality by combining IOGEAR's DynaSync™ with the widescreen graphics resolution of today's 30+ inch monitors, supporting DualView / Dual-Link DVI, 2560 x 1600 (higher than 1080p HD) and 3D graphics. Two DualView / Dual-Link display computers can be accessed and controlled from a single console running dual-displays.

This unique KVMP can increase efficiency and save equipment cost for applications where high resolution, 3D graphics, large or widescreen dual-display monitors are required, for situations such as:

- CAD (Computer Aided Design) and CAM (Computer Aided Manufacturing)
 - Desktop Publishing / Graphic Design / Video Editing
 - Medical / Surgical / Diagnostic Displays
 - And High-End Gaming
- Dual View Dual-Link DVI support - Share 2 DVI monitors with a single keyboard and mouse, along 4 computers
 - Quad View (DCC Mode) - when connecting two GCS1644 units together
 - High resolution - Up to 4K UHD 3840 x 2160 @30Hz¹
 - 2-port USB 2.0 peripheral hub to share printers or external hard drives
 - Audio and Microphone support - full bass response provides 2.1 stereo sound
 - Asynchronous hotkey switching between KVM focus, USB peripheral and Audio ports
 - IOGEAR's DynaSync™ reads and remembers the monitor's parameters (EDID) so there is no delay or change of video resolution when switching between, or booting computers²
 - Complete keyboard and mouse emulation for error free booting and real-time switching
- Computer switching via front panel push buttons, hotkeys, or mouse³
 - Auto Scan Mode to monitor connected computers
 - Supports MAC and Sun keyboard and special keys
 - Firmware upgradeable
 - HDCP compliant
 - Plug & Play - no software installation required
 - Buzzer ON/OFF via hotkey
 - Multi OS platform support
 - All cables included

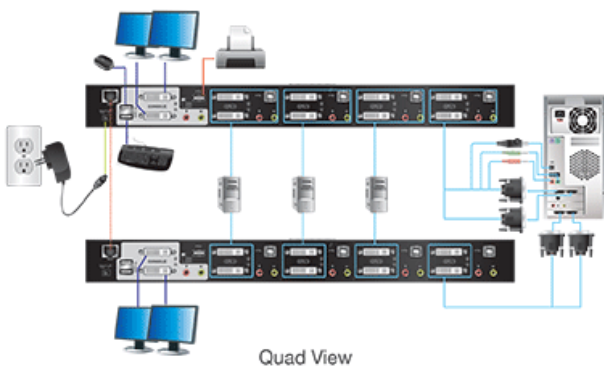
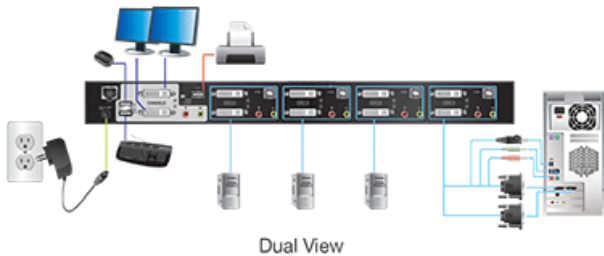
¹Use with IOGEAR's 4K cable [GHDDVIC4K3](#), 4K sources, and 4K monitor

²IOGEAR's DynaSync™ provides the EDID support for Windows® 7

³Mouse port switching supported alongside mouse emulation mode using a USB 3-button mouse wheel



- Connect and share 2 or 4 Dual-Link DVI monitors, 1 keyboard, 1 mouse, 1 microphone and 1 set of speakers
- Control 4 USB computers with dual DVI monitor support
- Connect and share USB 2.0 peripherals



Requirements

Console:

- 2 x DVI displays
- 1 x standard 104 key wired USB keyboard
- 1 x standard 2 or 3 button wired USB mouse
- Microphone and speakers (optional)

Computers:

- 2 DVI ports
- 1 USB port
- Audio ports (optional)

Operating Systems:

- Windows® XP, Windows Vista®, Windows® 7, Windows® 8, Windows® 8.1, Windows® 10
- Mac OS 9 to 10.x
- Oracle® Solaris
- Linux®, Unix and other USB supported systems*

*Additional drivers and support may be needed

**IOGEAR's DynaSync™ provides the EDID support for Windows® 7

Package Contents

- 1 x 4-Port Dual View Dual-Link DVI KVMP Switch
- 4 x Dual-Link DVI-D KVM Cable
- 4 x Dual-Link DVI-D Cable
- 1 x Power Adapter
- 1 x Installation Guide
- 1 x Warranty Card

Specifications

| Function | GCS1644 |
|-----------------------------|--|
| Computer Connections | |
| Direct | 4 |
| Port Selection | |
| | Hotkeys or Pushbutton |
| Console Connectors | |
| Monitor | 2 x Dual Link DVI-I Female (Output Ports) |
| Keyboard | 1 x USB Type A Female |
| Mouse | 1 x USB Type A Female |
| Audio | 1 x Mini Stereo Jack Female (Green) |
| Microphone | 1 x Mini Stereo Jack Female (Pink) |
| CPU Connectors | |
| Monitor | 8 x Dual Link DVI-I Female (Input Ports) |
| Keyboard & Mouse | 4 x USB Type B Female |
| Audio | 4 x Mini Stereo Jack Female (Green) |
| Microphone | 4 x Mini Stereo Jack Female (Pink) |
| Switches | |
| F/W Upgrade | 1 x 4-conductor 3.5mm Jack |
| Port Selection | 5 x Pushbutton |
| Power Connections | |
| | 1 x DC Jack |
| Connectors | |
| USB | 2 x USB Type A Female |
| LEDs | |
| Mode | 3 (Orange) |
| KVM | 4 (Green) |
| Audio | 4 (Green) |
| USB Peripherals | 4 (Green) |
| Emulation | |
| Keyboard | USB |
| Mouse | USB |
| Video Resolution | |
| | 4K UHD: 3840 x 2160 @30Hz (use with GHDDVIC4K3, 4K sources, and 4K monitors); Single Link DVI: 1920x1200; Dual Link DVI: 2650x1600 |
| Scan Interval | |
| | 1-99 seconds (5 seconds by default) |
| Power | |
| Voltage | DC 5.3V |
| Amps | 2.4A |
| Environment | |
| Operation Temperature | 0-50°C |
| Storage Temperature | -20-60°C |
| Humidity | 0-80% RH, Non-condensing |
| Housing | |
| Case | Metal |

| Dimensions | GCS1644 |
|--------------------------------|-----------|
| Unit Dimensions | |
| Width | 17in. |
| Height | 1.75in. |
| Depth | 6.125in. |
| Unit Package Dimensions | |
| Width | 22in. |
| Height | 9.625in. |
| Depth | 8.25in. |
| Master Carton | |
| Width | 22.625in. |
| Height | 10.125in. |
| Depth | 25.75in. |
| Master Carton Qty. | 3 |
| Weight | |
| Master Carton Wt. | 48.64lb |
| Unit Pack Wt. | 14.88lb |
| Unit Wt. w/accessories | 12.82lb |
| Unit Wt. | 5.8lb |

at Home at Work on-the-Go

