

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 @30Hz<sup>1</sup>
  - 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 computers<sup>2</sup>
  - Complete keyboard and mouse emulation for error free booting and real-time switching
- Computer switching via front panel push buttons, hotkeys, or mouse<sup>3</sup>
  - 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

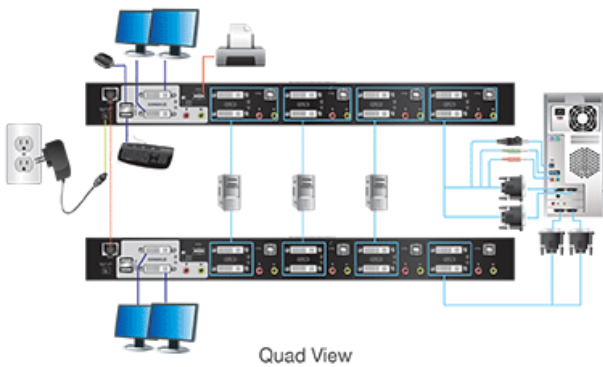
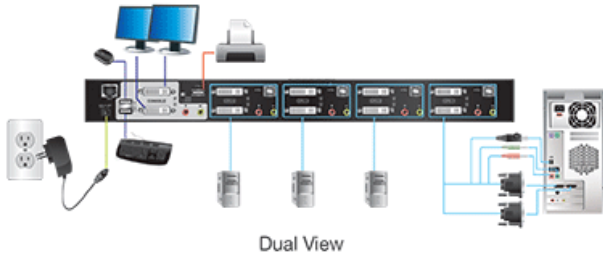
<sup>1</sup>Use with IOGEAR's 4K cable [GHDDVIC4K3](#), 4K sources, and 4K monitor

<sup>2</sup>IOGEAR's DynaSync™ provides the EDID support for Windows® 7

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

Dimensions	GCS1644
<b>Unit Dimensions</b>	
Width	17in.
Height	1.75in.
Depth	6.125in.
<b>Unit Package Dimensions</b>	
Width	22in.
Height	9.625in.
Depth	8.25in.
<b>Master Carton</b>	
Width	22.625in.
Height	10.125in.
Depth	25.75in.
Master Carton Qty.	3
<b>Weight</b>	
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

