

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

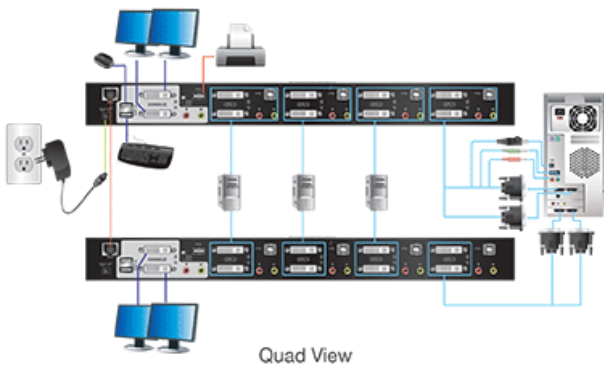
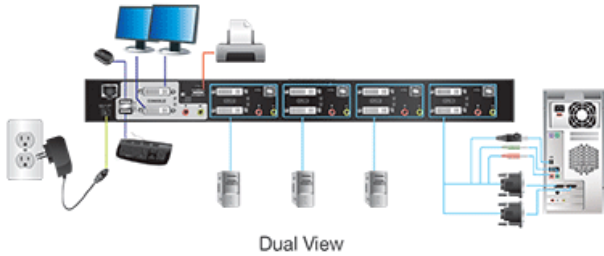
¹Use with IOGEAR's 4K cable [GHDDVIC4K3](#), 4K sources, and 4K monitor

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

