

GCS1642

## 2-Port DualView Dual-Link DVI KVMP Switch with Audio (TAA Compliant)



### 2 Port Dual Monitor DVI KVMP Switch with Audio

IOGEAR's GCS1642 2-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.

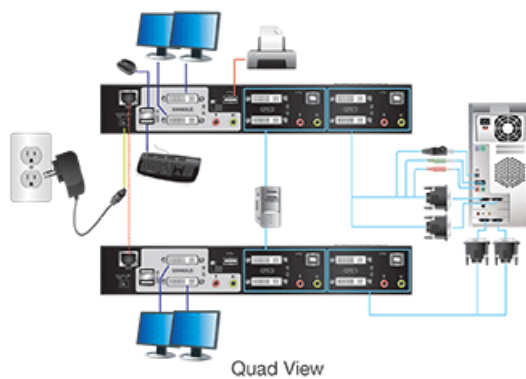
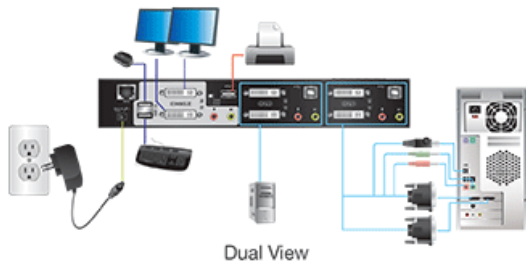
This unique KVMP can increase efficiency and save equipment cost for applications where high resolution, 3D graphics, large or widescreen dual-display monitors are required, for situations such as:

- CAD (Computer Aided Design) and CAM (Computer Aided Manufacturing)
  - Desktop Publishing / Graphic Design / Video Editing
  - Medical / Surgical / Diagnostic Displays
  - And High-End Gaming
- 
- DualView Dual-Link DVI support - Share 2 DVI monitors with a single keyboard and mouse between 2 computers
  - Quad View (DCC Mode) - when connecting two GCS1642 units together
  - Increase security for your intranet by separating a PC connected to the Internet and a PC connected to an Intranet
  - High resolution - Up to 3840 x 2160 @30Hz <sup>1</sup>
  - Supports 3D graphics and gaming
  - Multi OS platform support
  - 2-port USB 2.0 hub for peripherals sharing
  - 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>
  - HDCP Compliant
  - Audio enabled - Microphone support and full bass response provides 2.1 stereo sound
  - Complete keyboard and mouse emulation for error free booting and real-time switching
  - Computer switching via front panel pushbuttons, hotkeys, or mouse\*\*
  - Auto Scan Mode to monitor connected computers
  - Supports MAC and Sun keyboard and special keys
  - Firmware upgradeable
  - Plug & Play - No software installation required
  - All KVM and audio cables included

<sup>1</sup>Use with IOGEAR's 4K cable [GHDDVIC4K3](#), 4K sources, and 4K monitor  
<sup>2</sup>IOGEAR's DynaSync provides EDID support for Windows



- Connect and share 2 or 4 Dual-Link DVI monitors, 1 keyboard, 1 mouse, 1 microphone and 1 set of speakers
- Control 2 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

#### Computers:

- 2 x DVI ports
- 2 x USB ports

#### Operating Systems:

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

## Specifications

Function	GCS1642
<b>Computer Connections</b>	
Direct	2
<b>Port Selection</b>	
	Hotkeys, Pushbutton, or 3-button USB Mouse
<b>Console Connectors</b>	
Monitor	2 x Dual Link DVI-I Female
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	4 x Dual Link DVI-I Female
Keyboard & Mouse	2 x USB Type B Female
Audio	2 x Mini Stereo Jack Female (Green)
Microphone	2 x Mini Stereo Jack Female (Pink)
<b>Switches</b>	
F/W Upgrade	1 x 4-conductor 3.5mm Jack
Port Selection	3 x Pushbutton
<b>Power Connections</b>	
	1 x DC Jack
<b>Connectors</b>	
USB	2 x USB Type A Female
<b>LEDs</b>	
Mode	1 (Orange)
KVM	2 (Green)
Audio	2 (Green)
USB Peripherals	2 (Green)
<b>Emulation</b>	
Keyboard	USB
Mouse	USB
<b>Video Resolution</b>	
	4K UHD: 3840 x 2160 @30Hz (4K cable 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>	

Dimensions	GCS1642
<b>Unit Dimensions</b>	
Width	10.2 in [26 cm]
Height	1.7 in [4.4 cm]
Depth	2.9 in [7.45 cm]
<b>Unit Package Dimensions</b>	
Width	12.8 in [32.5 cm]
Height	8.3 in [21 cm]
Depth	3.9 in [10 cm]
<b>Master Carton</b>	
Width	13.2 in [33.5 cm]
Height	10in [25.4 cm]
Depth	12.8 in [32.5 cm]
Master Carton Qty.	3
<b>Weight</b>	
Master Carton Wt.	17.2 lbs
Unit Pack Wt.	6.6 lbs
Unit Wt. w/accessories	6.6 lbs
Unit Wt.	2 lbs
<b>Physical Properties</b>	
Housing	Metal

at Home at Work on-the-Go

