IOGEAR®

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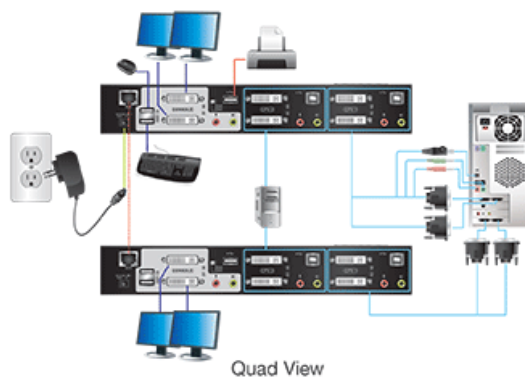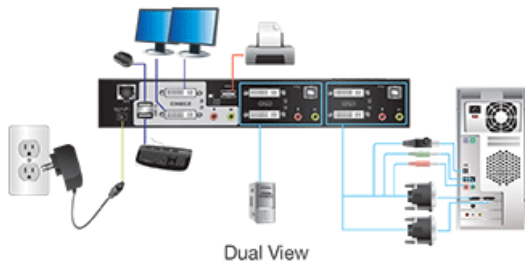
This unique KVMP can increase efficiency and save equipment cost for applications where high resolution, 3D graphics, large or widescreen dual-display monitors are required, for situations such as:

- 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 [1]
- 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 [2]

- 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

[1]Use with IOGEAR's 4K cable GHDDVIC4K3, 4K sources, and 4K monitor
[2]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

Dual View

Quad View

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
Computer Connections	
Direct	2
Port Selection	Hotkeys, Pushbutton, or 3-button USB Mouse
Console Connectors	
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)
CPU Connectors	
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)
Switches	
F/W Upgrade	1 x 4-conductor 3.5mm Jack
Port Selection	3 x Pushbutton
Power Connections	1 x DC Jack
Connectors	
USB	2 x USB Type A Female
LEDs	
Mode	1 (Orange)
KVM	2 (Green)
Audio	2 (Green)
USB Peripherals	2 (Green)
Emulation	
Keyboard	USB
Mouse	USB
Video Resolution	4K UHD: 3840 x 2160 @30Hz (4K cable 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	

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