

2-Port Dual View Dual Link DVI KVMP Switch with Audio

GCS1642

IOGEAR®



- DualView Dual-Link DVI support - Share 2 DVI monitors with a single keyboard and mouse along 2 computers
- High resolution - Up to 2560 x 1600
- 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*
- 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 or hotkeys
- Supports MAC and Sun keyboard and special keys
- Firmware upgradeable
- Plug & Play - No software installation required
- All cables included

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

IOGEAR's GCS1642 2-Port Dual View 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 Dual View / Dual Link DVI, 2560 x 1600 (higher than 1080p HD) and 3D graphics. Two Dual-View / 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

The GCS1642 also features two USB 2.0 peripheral ports for asynchronously sharing USB devices between your computers. A powered USB hub may be attached to the peripheral ports for added functionality. Audio and microphone support makes sharing speakers and a microphone a convenience for the users which serves as an extra value.

The IOGEAR's DynaSync remembers your monitor's ideal resolution and refresh rate (EDID), making it possible to boot all your computers simultaneously, switch back and forth between computers, and still maintain the ideal video settings of the monitor.

The GCS1642 offers an out-of-box solution including all cabling required for "Set-up and Go"!

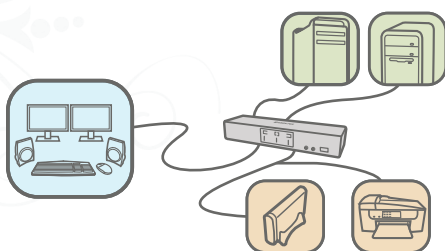


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How does it work?

- Connect and share 2 Dual-Link DVI monitors, 1 keyboard, 1 mouse and a set of speakers
- Control 2 USB Computers with Dual DVI monitor support
- Connect and share USB 2.0 peripherals



Requirements:

- Console
- 2 DVI displays
- 1 set of USB keyboard and mouse
- Computers
- 2 DVI ports
- 1 USB port
- Operating Systems
- Windows XP
- Windows Vista (32-bit / 64-bit)
- Windows 7 (32-bit / 64-bit)*
- Mac OS X v10.3.9 or later
- Sun Solaris
- Linux

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 PS/2 to USB Adapter
- 1 x Firmware Upgrade Cable
- 1 x Power Adapter
- 1 x Installation Guide
- 1 x Warranty Card

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

SPECIFICATIONS

Function	
Computer Connections	
Direct	2
Port Selection	Hotkeys or Pushbutton
Console Connectors	
Monitor	2 x Dual Link DVI 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 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	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, Noncondensing
Housing	
Case	Metal

Dimensions	
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.	21 lbs
Unit Pack Wt.	6.6 lbs
Unit Wt. w/accessories	6.6 lbs
Unit Wt.	2 lbs
Physical Properties	
Housing	Metal