

GCS1642X

# 2-Port Dual View Dual-Link DVI KVMP Switch with USB 2.0 Hub and Audio (TAA Compliant)



- Dual Monitor Dual-Link DVI support - Share 2 DVI monitors with a single keyboard and mouse between 2 computers
- Quad View (DCC Mode) - When connecting 2 GCS1642X 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 Dual-Link Resolution 2560 x 1600

## 2-Port Dual Monitor DVI KVMP Switch With USB2.0 Hub and Audio

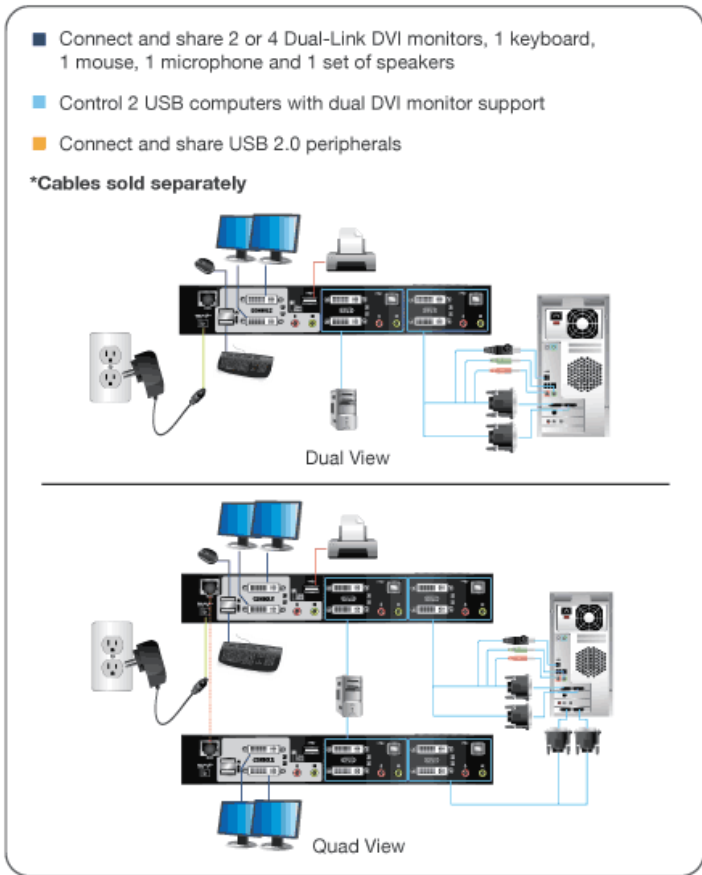
IOGEAR's GCS1642X 2-Port DualView DVI KVMP Switch marks a leap in KVM functionality by combining IOGEAR's DynaSync™ with the widescreen graphics resolution of today's 30+ inch monitors, supporting dual monitors, Dual-Link resolutions up to 2560 x 1600 (higher than 1080p HD) and 3D graphics. Control two DVI display computers from a single console running dual-displays.

This unique KVMP increases efficiency and saves equipment costs for applications where high resolutions, 3D graphics, and large or widescreen dual-display monitors are required. It is perfect for applications such as:

- CAD (Computer-Aided Design) and CAM (Computer-Aided Manufacturing)
  - Desktop Publishing, Graphic Design, and Video Editing
  - Medical, Surgical, and Diagnostic Displays
  - High-End Gaming
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  - Increase security for your Intranet by separating a PC connected to the Internet and a PC connected to an Intranet
  - High resolution - Up to Dual-Link Resolution 3840 x 2160 @30Hz<sup>1</sup>
  - KVM and audio cable set [G2L7202U](#) is available for separate purchase
  - 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 push-buttons, hotkeys, or mouse<sup>3</sup>
  - Auto Scan Mode monitors connected computers
  - Supports Mac and Sun keyboards and special keys
  - Firmware upgradeable
  - Plug-n-Play - No software installation required

<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





**Requirements**

**Package Contents**

- **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
  - USB Type-A port
  - Dual View Dual-Link DVI KVM Cable Set ([G2L7202U](#))
- **Operating Systems:**
  - Windows® 7, Windows® 8.1, Windows® 10
  - Mac OS 9 to 10.x
  - Oracle® Solaris
  - Linux®, Unix and other USB supported systems\*

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

\*Additional drivers and support may be needed

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

## Specifications

|                             |  |
|-----------------------------|--|
| Function                    | GCS1642X   |
| <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                 |  |
| 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 (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>              |  |

|                                |                  |
|--------------------------------|------------------|
| Dimensions                     | GCS1642X         |
| <b>Unit Dimensions</b>         |                  |
| Height                         | 10.2" (26cm)     |
| Depth                          | 1.7" (4.4cm)     |
| Length                         | 2.9" (7.45cm)    |
| <b>Unit Package Dimensions</b> |                  |
| Width                          | 11.25" (28.57cm) |
| Height                         | 7" (17.78cm)     |
| Depth                          | 2.5" (6.35cm)    |
| <b>Master Carton</b>           |                  |
| Width                          | 16" (40.6cm)     |
| Height                         | 8" (20cm)        |
| Depth                          | 12.25" (31.1cm)  |
| Master Carton Qty.             | 6                |
| <b>Weight</b>                  |                  |
| Master Carton Wt.              | 17lb (7.7kg)     |
| Unit Pack Wt.                  | 2.75lb (1.25kg)  |
| Unit Wt.                       | 2.00lb (0.91kg)  |

at Home at Work on-the-Go

