

GCS1944

# 4-Port 4K Dual View DisplayPort KVM with USB 3.0 Hub and Audio (TAA)



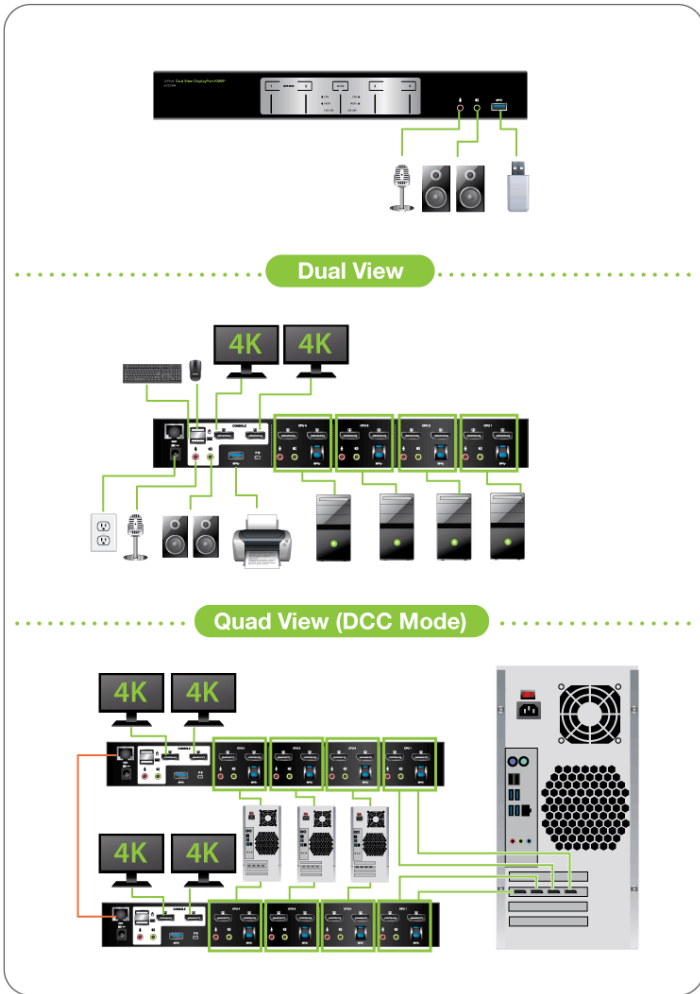
- Maximize your high-end multi-monitor workstation with superior video resolution
- Share dual Cinema 4K DisplayPort monitors (4096 x 2160 @60Hz)
- Operate 4 DisplayPort computers with 1 keyboard, mouse, and 2 monitors
- Add another GCS1944 to expand up to four 4K monitors
- DisplayPort 1.2 compliant, HDCP compliant

## Enhance High-End Multi-Monitor Workstation

Maximize your high-end dual DisplayPort workstations by connecting them to the 4-Port 4K Dual View Display Port KVM. Experience 4K Cinema resolutions along with rich bass and 7.1 surround sound while switching between both computers and sharing two USB 3.0 peripherals with the push of a button.

- Maximize your high-end multi-monitor workstation with superior video resolution
  - Share dual Cinema 4K DisplayPort monitors (4096 x 2160 @60Hz)
  - Operate 4 DisplayPort computers with 1 keyboard, mouse, and 2 monitors
  - Add another GCS1944 to expand up to four 4K monitors
  - DisplayPort 1.2 compliant, HDCP compliant
  - Allows independent switching of the KVM, USB, and audio devices
  - Control/share USB3.0 peripherals between 4 computers; save money on duplicate devices
  - Work on computer "A" without interrupting USB peripheral connectivity on computer "B"
  - SuperSpeed 5Gbps transfer rate
  - MST (Multi-Stream Transport)<sup>1</sup>
  - DP++ supports HDMI and DVI output<sup>2</sup>
  - Computer selection via front panel pushbuttons, hotkeys, or mouse<sup>3</sup>
  - Supports 7.1 HD audio through DisplayPort<sup>4</sup>
  - Full bass response for high quality 2.1 channel audio
  - Mouse emulation or bypass feature supports most mouse drivers and multifunction mice
  - Multi-platform support – Windows®7, Windows 8.1, Windows 10, Mac OS®, and Linux®
  - Multilingual keyboard mapping supports English, French, and German keyboards
  - Mac® keyboard support and emulation<sup>5</sup>
  - RS-232 Commands<sup>6</sup>
  - Auto-Scan Mode to monitor all computers
  - Power on detection
  - Hot pluggable
  - Firmware upgradable
  - Includes all KVM and audio cables
- <sup>1</sup>MST requires two monitors capable of DisplayPort 1.2 daisy chaining, or use of an external DisplayPort MST Hub. PC Source must be DisplayPort 1.2 compliant. A DisplayPort 1.1a monitor can be the last monitor in a DP1.2 chain
- <sup>2</sup> Dual-Mode DisplayPort (DP++) requires active HDMI and DVI adapters for most display setups.
- <sup>3</sup> Mouse port switching supported alongside mouse emulation mode using a USB 3-button mouse wheel
- <sup>4</sup> HD audio through DisplayPort cannot be switched independently
- <sup>5</sup> PC keyboard combinations emulate Mac® keyboards.
- <sup>6</sup> DB9 to RJ-45 cable not included.





**Requirements**

**Package Contents**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• <b>Console</b></li> <li>• 2 x DisplayPort compatible monitors</li> <li>• Standard 104 key wired USB keyboard</li> <li>• Standard 2 or 3 button wired USB mouse</li> <li>• Microphone and speakers (optional)</li> <li>•</li> <li>• <b>Computer</b></li> <li>• 2 x DisplayPort ports</li> <li>• Type A USB port</li> <li>• Audio ports (optional)</li> </ul> | <ul style="list-style-type: none"> <li>• 1 x 4-Port 4K Dual View DisplayPort KVMP Switch with USB 3.0 and Audio</li> <li>• 8 x DisplayPort Cables</li> <li>• 4 x USB 3.0 Cables</li> <li>• 4 x Audio Cable Set</li> <li>• 1 x Power Adapter</li> <li>• 1 x Manual</li> </ul> |
|--|--|

\*Use with video adapter may change performance

## Specifications

| Function                    | GCS1944   |
|-----------------------------|---|
| <b>Computer Connections</b> |   |
| Direct                      | 4   |
| Daisy Chain or Cascading    | 4   |
| Port Selection              | Pushbuttons, Hotkey, Mouse (mouse port switching only works with 3-key USB mouse wheel in emulation mode), or RS-232 commands |
| <b>Console Connectors</b>   |   |
| Monitor                     | 2 x DisplayPort (Black)   |
| Keyboard                    | 1 x USB Type A (Black)  |
| Mouse                       | 1 x USB Type A (Black)  |
| Audio                       | 2 x 3.5mm Mini Stereo Jack (Green; Front and Rear)  |
| Microphone                  | 2 x 3.5mm Mini Stereo Jack (Pink; Front and Rear)   |
| <b>CPU Connectors</b>       |   |
| Monitor                     | 2 x DisplayPort (Black)   |
| Keyboard & Mouse            | 2 x USB 3.0 Type B (Blue)   |
| Audio                       | 2 x 3.5mm Mini Stereo Jack (Green)  |
| Microphone                  | 2 x 3.5mm Mini Stereo Jack (Pink)   |
| <b>Switches</b>             |   |
| F/W Upgrade                 | 1 x USB Type B  |
| Port Selection              | 4 x Pushbutton  |
| <b>Connectors</b>           |   |
| USB                         | 1 x USB 3.0 Type A (Blue; Front), 1 x USB 3.0 Type A (Blue; Rear)   |
| Serial                      | 1 x RJ-45 (DCC)   |
| <b>LEDs</b>                 |   |
| On Line                     | 4 x Orange  |
| Selected                    | 4 x Orange  |
| Audio                       | 4 x Green   |
| USB Peripherals             | 4 x Green   |
| <b>Emulation</b>            |   |
| Keyboard                    | USB   |
| Mouse                       | USB   |
| Video Resolution            | 4096 x 2160 @60 Hz (4K DCI)   |
| Scan Interval               | 1-255 seconds (5 seconds default)   |
| Power Consumption           | DC 12V  |
| <b>Environment</b>          |   |
| Operation Temperature       | 0-40 C  |
| Storage Temperature         | -20-60 C  |
| Humidity                    | 0-80% RH, Non-condensing  |
| <b>Housing</b>              |   |

| Dimensions                     | GCS1944          |
|--------------------------------|------------------|
| <b>Unit Dimensions</b>         |                  |
| Height                         | 2.125" (5.39cm)  |
| Depth                          | 6.125" (15.56cm) |
| Length                         | 13.9" (33.5cm)   |
| <b>Unit Package Dimensions</b> |                  |
| Width                          | 21.5" (54.61cm)  |
| Height                         | 9.5" (24.13cm)   |
| Depth                          | 4.75" (12.07cm)  |
| <b>Master Carton</b>           |                  |
| Width                          | 22.25" (56.5cm)  |
| Height                         | 10.5" (26.67cm)  |
| Depth                          | 15.25" (38.74cm) |
| Master Carton Qty.             | 3                |
| <b>Weight</b>                  |                  |
| Master Carton Wt.              | 27.5lb (12.5kg)  |
| Unit Pack Wt.                  | 9lb (4.09kg)     |
| Unit Wt.                       | 3.55lb (1.61kg)  |

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