

GCS1944

4-Port 4K Dual View DisplayPort KVMP with USB 3.0 Hub and Audio



- 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
- Save Cabling Costs: ALL cables are included
- Added features via firmware updates

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 KVMP. 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)¹
- DP++ supports HDMI and DVI output²
- Computer selection via front panel pushbuttons, hotkeys, or mouse³
- Supports 7.1 HD audio through DisplayPort⁴
- 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 emulation⁵
- RS-232 Commands⁶
- Auto-Scan Mode to monitor all computers
- Power on detection
- Hot pluggable
- Firmware upgradable
- Includes all KVM and audio cables

¹MST 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

² Dual-Mode DisplayPort (DP++) requires active HDMI and DVI adapters for most display setups.

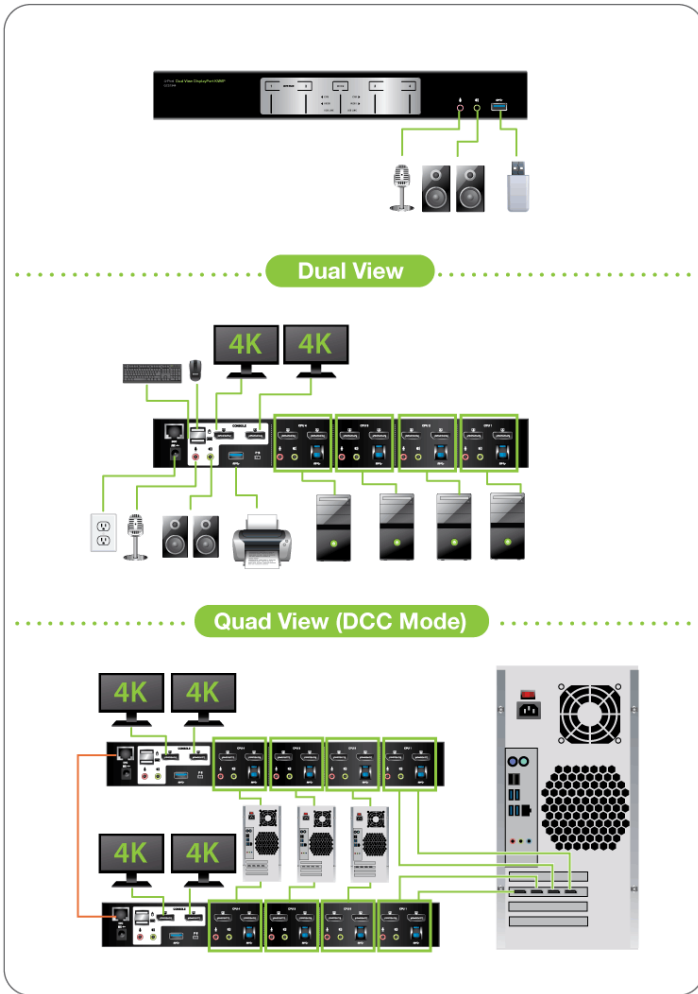
³ Mouse port switching supported alongside mouse emulation mode using a USB 3-button mouse wheel

⁴ HD audio through DisplayPort cannot be switched independently

⁵ PC keyboard combinations emulate Mac® keyboards.

⁶ DB9 to RJ-45 cable not included.





Requirements

Package Contents

- **Console**
- 2 x DisplayPort compatible monitors
- Standard 104 key wired USB keyboard
- Standard 2 or 3 button wired USB mouse
- Microphone and speakers (optional)
- **Computer**
- 2 x DisplayPort ports
- Type A USB port
- Audio ports (optional)

- 1 x 4-Port 4K Dual View DisplayPort KVMP Switch with USB 3.0 and Audio
- 8 x DisplayPort Cables (5ft.)
- 4 x USB 3.0 Cables (6ft.)
- 4 x Audio Cable Set (6ft.)
- 1 x Power Adapter
- 1 x Manual

*Use with video adapter may change performance

Specifications

Function	GCS1944
Computer Connections	
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
Console Connectors	
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)
CPU Connectors	
Monitor	8 x DisplayPort (Black)
Keyboard & Mouse	4 x USB 3.0 Type B (Blue)
Audio	4 x 3.5mm Mini Stereo Jack (Green)
Microphone	4 x 3.5mm Mini Stereo Jack (Pink)
Switches	
F/W Upgrade	1 x USB Type B
Port Selection	4 x Pushbutton
Connectors	
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)
LEDs	
On Line	4 x Orange
Selected	4 x Orange
Audio	4 x Green
USB Peripherals	4 x Green
Emulation	
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
Environment	
Operation Temperature	0~40 C
Storage Temperature	-20~60 C
Humidity	0~80% RH, Non-condensing
Housing	

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

at Home at Work on-the-Go

