

GCS1934M

4-Port 4K DisplayPort KVMP Switch with Dual Video Out and RS-232



- Turn a single video output to two monitors
- Up to Cinema 4K for one monitor or 4K UHD for two monitors
- Switch between 4 DisplayPort computers easily
- RS-232 Command Control
- Full cable set included for out-of-the-box setup

4-Port 4K DisplayPort KVMP Switch with Dual Monitor Output

Extend One Video Output to Two Monitors

Need to add a 2nd monitor to create a full production work environment? The IOGEAR 4-Port 4K DisplayPort KVMP Switch with Dual Video Out is the perfect solution. Turn your single (1) monitor input to two (2) monitor outputs by connecting both a DisplayPort and HDMI monitor. The built-in Multi Stream Transport (MST) hub enables two- (2) monitor outputs while using only one (1) video input from your computer. Increase your monitor real estate without modifying computer components or adding to your DisplayPort output graphics cards. MST technology for multiple monitor setups is widely used in 4K software diagnostic and other settings where viewing and monitoring details clearly is required.

- Control and switch 4 computers with 1 keyboard, mouse, and monitor(s)
- Expand 1 DisplayPort input to 2 video outputs (DisplayPort/HDMI)
- With DisplayPort 1.1 Graphic Cards:
 - Dual 4K UHD (DisplayPort/HDMI) - mirrored screen only
- With DisplayPort 1.2 Graphic Cards:
 - 1 Monitor: Up to 5K Resolution
 - 2 Monitors: Up to 4K UHD (DisplayPort/HDMI)
 - 3 Monitors: Shared video bandwidth¹
- Convenient computer selection via front panel push-buttons, hotkeys, mouse², and RS-232 commands³
- 2-Port built-in USB 3.1 Gen 1 Hub for peripheral sharing with SuperSpeed 5 Gbps data transfer
- Independent switching of KVM, USB Peripherals, and 2.1 analog audio
- Supports Ultra Wide Monitors
- DisplayPort 1.2 and HDCP compliant
- DP++ (Dual-Mode DisplayPort) technology supports HDMI and DVI adapters⁴

- Support 7.1 HD audio through DisplayPort connection⁵
- Power on Detection - GCS1934M automatically switches to the next powered-on computer
- Hot pluggable - Add or remove computers without powering down the connection
- Mouse emulation supports most mouse drivers and multifunction mice
- Mac® keyboard support and emulation⁶
- Multilingual keyboard mapping supports English, French, and German keyboards
- Firmware upgradable
- All KVM and audio cables are included

Note:

¹ 3 Monitors setup example: Monitor #1 up to 3840 x 2160, Monitor #2 up to 2560 x 1600, Monitor #3 Up to 1920 x 1200

² Supported alongside mouse emulation mode using a USB 3-button mouse wheel

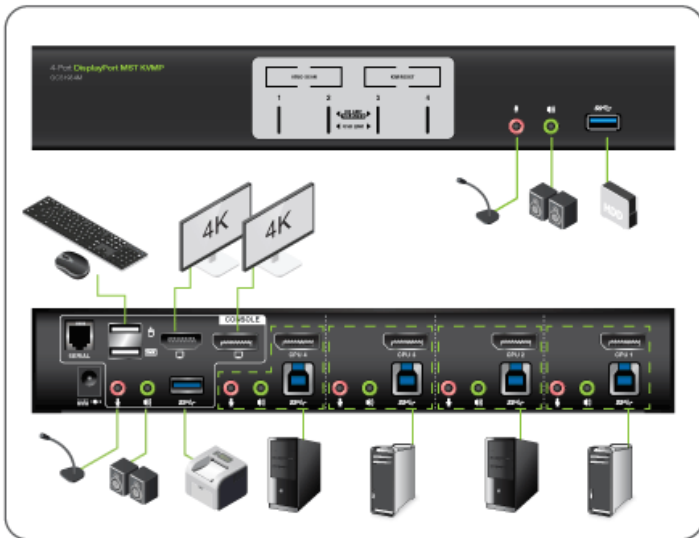
³ DB9 to RJ-11 cable not included

⁴ Dual-Mode DisplayPort (DP++) requires active HDMI and DVI adapters for most display setups

⁵ HD audio through DisplayPort cannot be switched independently

⁶ PC keyboard combinations emulate Mac® keyboards.





Requirements

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

Package Contents

- 1 x GCS1934M 4K KVMP Dual Video Out Switch
- 4 x DisplayPort Cables - 5ft.
- 4 x USB 3.0 Cables
- 4 x Audio Cable Sets
- 1 x Power Adapter
- 1 x Manual
- 1 x Warranty

*Use with video adapter may change performance

Specifications

Function	GCS1934M	Dimensions	GCS1934M
Computer Connections		Unit Dimensions	
Direct	4	Height	2.94" (7.47cm)
Port Selection	Pushbutton, Hotkeys, Mouse (mouse port switching only works with 3-key USB mouse wheel in emulation mode), RS-232 Commands	Length	10.25" (26.04cm)
Console Connectors		Depth	1.69" (4.29cm)
Monitor	1 x DisplayPort; 1 x HDMI	Unit Package Dimensions	
Keyboard	1 x USB Type A (Black)	Height	8.31" (21.11cm)
Mouse	1 x USB Type A (Black)	Width	13" (33.02cm)
Audio	2 x 3.5mm Mini Stereo Jack (Green; Front and Rear)	Depth	3.88" (9.86cm)
Microphone	2 x 3.5mm Mini Stereo Jack (Pink; Front and Rear)	Master Carton	
CPU Connectors		Height	14.25" (36.2cm)
Monitor	4 x DisplayPort (Black)	Width	17.5" (44.45cm)
Keyboard & Mouse	4 x USB 3.0 Type B (Blue)	Depth	12.69" (32.23cm)
Audio	4 x 3.5mm Mini Stereo Jack (Green)	Master Carton Qty.	6
Microphone	4 x 3.5mm Mini Stereo Jack (Pink)	Weight	
Switches		Master Carton Wt.	34.87lb (15.85kg)
F/W Upgrade	1 x USB Type B	Unit Pack Wt.	5.46lb (2.47kg)
Port Selection	4 x Pushbutton	Unit Wt.	1.9lb (0.86kg)
Connectors			
USB	2 x USB 3.0 Type A (Blue; Front and Rear)		
Serial	1 x RJ-11 Female		
LEDs			
On Line	4 x Orange		
Selected	4 x Orange		
Audio	4 x Orange		
USB Peripherals	4 x Green		
Emulation			
Keyboard	USB		
Mouse	USB		
Video Resolution	Up to 4096 x 2160 @60 Hz (4K DCI)		
Scan Interval	1-99 seconds (5 seconds default)		
Power Consumption	DC 5V		
Environment			
Operation Temperature	0-50 C		
Storage Temperature	-20-60 C		
Humidity	0-80% RH, Non-condensing		
Housing			
Case	Metal		