

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

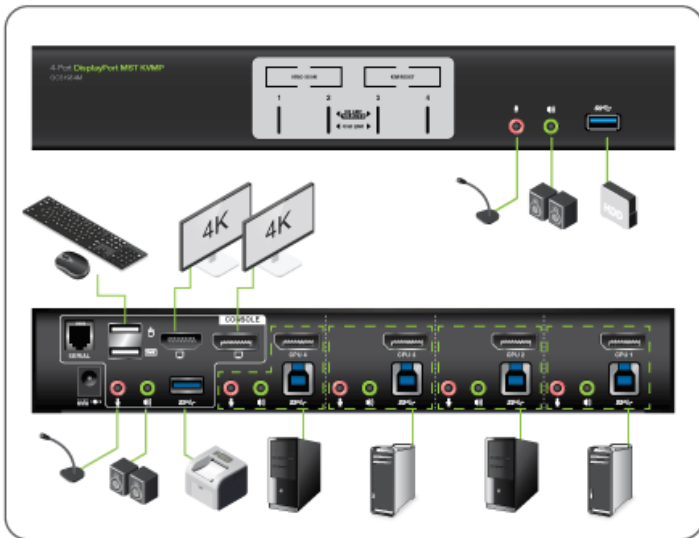
³ DB9 to RJ-11 cable not included

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 | | |