

## IOGEAR GCS1932H

# IOGEAR GCS1932H 4-Port 4K KVMP Switch User Manual

Model: GCS1932H

Control 2 computers using a single keyboard, mouse, and 4K HDMI monitor with integrated USB 3.1 Gen1 Hub and audio support.

## 1. INTRODUCTION

The IOGEAR GCS1932H is a 4-Port 4K KVMP Switch designed to provide seamless control of two computers from a single console. This device integrates a keyboard, mouse, and 4K HDMI monitor, along with a 2-Port USB 3.1 Gen1 Hub and audio support, enhancing productivity and workspace efficiency. It supports superior video quality up to Cinema 4K (4096 x 2160 @60Hz) and is HDCP 2.2 compliant with HDR support.

This manual provides detailed instructions for setting up, operating, and maintaining your IOGEAR GCS1932H KVMP Switch, along with troubleshooting tips and product specifications.



Figure 1: Angled view of the IOGEAR GCS1932H KVMP Switch.

## 2. PACKAGE CONTENTS

Please verify that all items are present and in good condition upon opening the package:

- 1 x IOGEAR GCS1932H 4-Port 4K KVMP Switch

- 2 x HDMI Cables
- 2 x USB 3.0 Cables
- 2 x Audio Cables
- 1 x Power Adapter
- 1 x Power Cord



Figure 2: Package contents of the IOGEAR GCS1932H.

### 3. SETUP AND INSTALLATION

Follow these steps to connect your IOGEAR GCS1932H KVMP Switch to your computers and peripherals.

#### 3.1 Rear Panel Overview



Figure 3: Rear panel connections.

## 3.2 Connection Steps

1. **Power Off Computers:** Ensure both computers you intend to connect are powered off before beginning the installation.
2. **Connect Console Devices:**
  - Connect your HDMI monitor to the **HDMI Console Out** port on the rear of the KVMP switch.
  - Connect your USB keyboard and mouse to the dedicated **USB Console** ports (marked with keyboard and mouse icons) on the rear of the KVMP switch.
  - If using external speakers or headphones, connect them to the **Audio Out** port on the rear of the KVMP switch.
3. **Connect Computers to KVMP Switch:** For each computer (CPU 1 and CPU 2):
  - Connect one end of an HDMI cable to the computer's HDMI output and the other end to the corresponding **HDMI In** port (CPU 1 or CPU 2) on the KVMP switch.
  - Connect one end of a USB 3.0 cable to a USB port on the computer and the other end to the corresponding **USB In** port (CPU 1 or CPU 2) on the KVMP switch.
  - If using audio, connect one end of an audio cable to the computer's audio output and the other end to the corresponding **Audio In** port (CPU 1 or CPU 2) on the KVMP switch.
4. **Connect Power:** Connect the provided power adapter to the **DC5V** port on the rear of the KVMP switch, then plug the power adapter into a power outlet.
5. **Power On:** Power on the KVMP switch, then power on your connected computers.

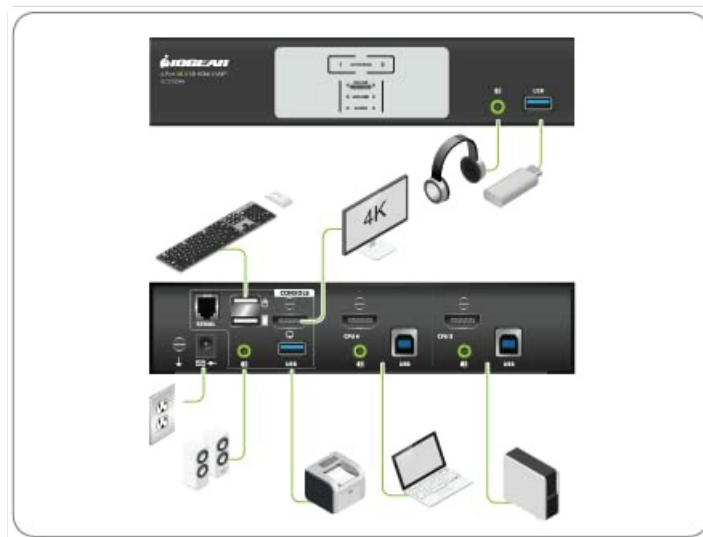


Figure 4: Typical connection diagram.

## 4. OPERATING INSTRUCTIONS

The IOGEAR GCS1932H offers multiple methods for switching between connected computers.

### 4.1 Front Panel Overview



Figure 5: Front panel controls and indicators.

## 4.2 Switching Between Computers

- **Front Panel Pushbuttons:** Press the corresponding numbered button (1 or 2) on the front panel to switch to the desired computer. The "Selected" LED will illuminate for the active port.
- **Hotkeys:** Use specific keyboard hotkey combinations to switch between computers. Refer to the full product manual (usually available on the manufacturer's website) for a complete list of hotkey commands. A common hotkey sequence involves pressing the Scroll Lock key twice, followed by the port number.
- **Mouse Switching:** Some configurations allow switching by double-clicking the middle mouse button. This feature may need to be enabled or configured.
- **RS-232 Command:** For advanced users, the switch can be controlled via RS-232 commands. Consult the detailed technical manual for programming instructions.

## 4.3 USB 3.1 Gen1 Hub

The KVMP switch includes a 2-Port USB 3.1 Gen1 Hub with SuperSpeed 5Gbps transfer rate. These ports are located on the rear panel (next to the console USB ports) and one on the front panel. You can connect USB peripherals such as printers, external hard drives, or webcams to these ports, and they will be shared between the connected computers.

## 4.4 Audio Functionality

The switch supports audio pass-through, allowing you to share speakers or headphones between the connected computers. Ensure audio cables are properly connected from your computers to the switch, and your speakers/headphones are connected to the audio output on the switch.

# 5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your IOGEAR GCS1932H KVMP Switch.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid or aerosol cleaners, as they may damage the unit.
- **Ventilation:** Ensure the switch is placed in a well-ventilated area to prevent overheating. Do not block any ventilation openings.

- **Environmental Conditions:** Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- **Cable Management:** Keep cables organized and free from kinks or excessive bending to prevent damage and ensure reliable connections.

## 6. TROUBLESHOOTING

If you encounter issues with your IOGEAR GCS1932H, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
No video display or flickering after switching.	Ensure all HDMI cables are securely connected. Verify that the monitor supports the resolution and refresh rate output by the computer. Check for HDCP compliance issues; use high-quality, HDCP-compliant HDMI cables. Try power cycling the KVM switch and then the computers.
Keyboard/Mouse not responding after switching.	Ensure USB cables from computers to the KVM are securely connected. Connect keyboard and mouse to the dedicated console USB ports on the KVM. Some USB devices may require direct connection to the computer or a powered USB hub if the KVM's power delivery is insufficient. If "USB not recognized" errors occur initially, subsequent switches usually resolve this.
Audio is too quiet or not working.	Verify audio cables are correctly connected from computers to the KVM and from the KVM to speakers/headphones. Check volume levels on both the computer and the connected audio device. Note that audio output from the KVM may be quieter than direct connection; adjust volume accordingly.
Monitor does not go to sleep or wakes up immediately.	This can sometimes occur with KVMs. Try unplugging the KVM power briefly to reset, or adjust power management settings on your computer.
Switching takes too long (e.g., 5-6 seconds).	This is a characteristic of some digital KVM switches, especially with high resolutions and HDCP. This is generally considered normal operation for this model.

If the problem persists, consult the full product manual or contact IOGEAR technical support.

## 7. SPECIFICATIONS

Feature	Detail
Model Number	GCS1932H
Brand	IOGEAR
Connectivity Protocol	USB
Video Quality	Cinema 4K (4096 x 2160 @60Hz)
HDCP Compliance	HDCP 2.2 compliant; HDR Support
USB Hub	2-Port USB 3.1 Gen1 Hub (SuperSpeed 5Gbps)

Feature	Detail
Computer Selection	Front panel pushbuttons, hotkeys, mouse, RS-232 command
Dimensions (L x W x H)	19.99 x 7.47 x 4.29 cm (7.87 x 2.94 x 1.69 inches)
Weight	1.63 kg (3.59 lbs)
Color	Black
Power Consumption	1.78 Watts

## 8. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official IOGEAR website. Warranty terms and conditions may vary by region and product.

For technical support, product registration, or to download the latest drivers and full user manuals, please visit the IOGEAR support page:

[www.iogear.com/support](http://www.iogear.com/support)

When contacting support, please have your product model number (GCS1932H) and serial number ready.

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Documents - IOGEAR – GCS1932H

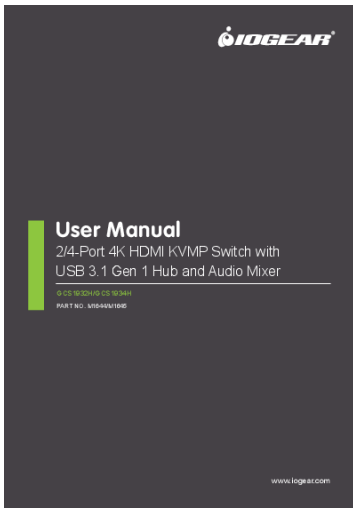


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User Manual RS 232 Commands IOGEAR For more detailed instructions and information about each of the commands listed below please refer to original GCS1932H GCS1934H user manual Keyboard Language Layout 8 Hotkey Settings 9 Switching 10 Port 11 USB Reset 12 Restore Default 13 Firmware Upgrade RS232 iogear support dm mnid 1710 |||

User Manual RS-232 Commands **GCS1932H** / GCS1934H PART NO. M1644-b / M1645-b [www.iogear.com](http://www.iogear.com) 2023 IOGEAR. All Rights Reserved. Part No. M1644-b, M1645-b. IOGEAR, the IOGEAR logo is trademarks of IOGEAR. Microsoft and Windows are registered trademarks of Microsoft Corporation. IOGEAR makes no warranty...

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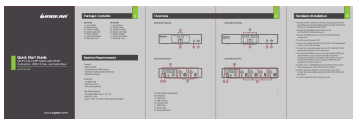


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User Manual 2/4-Port 4K HDMI KVMP Switch with USB 3.1 Gen 1 Hub and Audio Mixer **GCS1932H**/GCS1934H PART NO. M1644/M1645 [www.iogear.com](http://www.iogear.com) 2020 IOGEAR. All Rights Reserved. Part No. **GCS1932H**/GCS1934H. IOGEAR, the IOGEAR logo is trademarks of IOGEAR. Microsoft and Windows are registered trademarks of Mi...

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[\[pdf\]](#) Datasheet

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**GCS1932H** 2-Port 4K KVMP Switch with HDMI Connection, USB 3.0 Hub, and Audio TAA Control 2 computers using a single keyboard, mouse, and 4K HDMI monitor Superior video quality - Cinema 4K 4096 x 2160 60Hz HDCP 2.2 compliant; HDR Support 2-Port USB 3.1 Gen1 Hub with SuperSpeed 5Gbps transfer rate...

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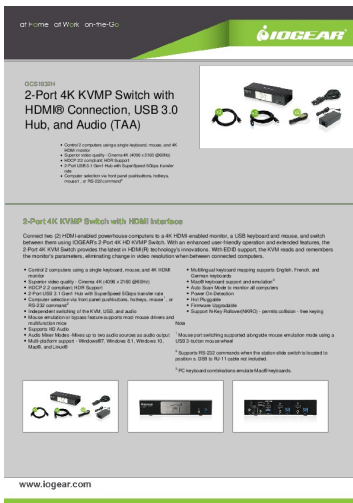
**GCS1932H** 2-Port 4K KVMP Switch with HDMI Connection, USB 3.0 Hub, and Audio

TAA Control 2 computers using a single keyboard, mouse, and 4K HDMI monitor

Superior video quality - Cinema 4K 4096 x 2160 60Hz HDCP 2.2 compliant; HDR

Support 2-Port USB 3.1 Gen1 Hub with SuperSpeed 5Gbps transfer rate...

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**GCS1932H** 2-Port 4K KVMP Switch with HDMI Connection, USB 3.0 Hub, and Audio

TAA Control 2 computers using a single keyboard, mouse, and 4K HDMI monitor

Superior video quality - Cinema 4K 4096 x 2160 60Hz HDCP 2.2 compliant; HDR

Support 2-Port USB 3.1 Gen1 Hub with SuperSpeed 5Gbps transfer rate...

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[\[pdf\]](#) Quick Start Guide Datasheet Warranty

GCS1932H Datasheet IOGEAR Click Here 2 Port Cinema 4K KVMP Switch with HDMI and USB 3 1

Gen1 Hub Audio Mixer KVM audio switch ports TAA Compliant Manufacturer Warranty year warranty

What s in the Box1 x HD 0 Mixer2 Cables 6ft Cable Set Power Adapter1 QSG 353e0389 653f 4967 b7d8

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**GCS1932H** 2-Port 4K KVMP Switch with HDMI Connection, USB 3.0 Hub, and Audio

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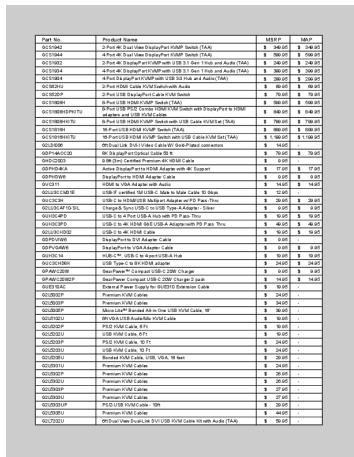
Support 2-Port USB 3.1 Gen1 Hub with SuperSpeed 5Gbps transfer rate...

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No.	Product	MSRP	MSRP
MS-001	2-Port 10/100 Ethernet Switch	\$49.99	\$49.99
MS-002	4-Port 10/100 Ethernet Switch	\$79.99	\$79.99
MS-003	8-Port 10/100 Ethernet Switch	\$129.99	\$129.99
MS-004	16-Port 10/100 Ethernet Switch	\$249.99	\$249.99
MS-005	24-Port 10/100 Ethernet Switch	\$399.99	\$399.99
MS-006	48-Port 10/100 Ethernet Switch	\$799.99	\$799.99
MS-007	96-Port 10/100 Ethernet Switch	\$1599.99	\$1599.99
MS-008	192-Port 10/100 Ethernet Switch	\$3199.99	\$3199.99
MS-009	384-Port 10/100 Ethernet Switch	\$6399.99	\$6399.99
MS-010	768-Port 10/100 Ethernet Switch	\$12799.99	\$12799.99
MS-011	1536-Port 10/100 Ethernet Switch	\$25599.99	\$25599.99
MS-012	3072-Port 10/100 Ethernet Switch	\$51199.99	\$51199.99
MS-013	6144-Port 10/100 Ethernet Switch	\$102399.99	\$102399.99
MS-014	12288-Port 10/100 Ethernet Switch	\$204799.99	\$204799.99
MS-015	24576-Port 10/100 Ethernet Switch	\$409599.99	\$409599.99
MS-016	49152-Port 10/100 Ethernet Switch	\$819199.99	\$819199.99
MS-017	98304-Port 10/100 Ethernet Switch	\$1638399.99	\$1638399.99
MS-018	196608-Port 10/100 Ethernet Switch	\$3276799.99	\$3276799.99
MS-019	393216-Port 10/100 Ethernet Switch	\$6553599.99	\$6553599.99
MS-020	786432-Port 10/100 Ethernet Switch	\$13107199.99	\$13107199.99
MS-021	1572864-Port 10/100 Ethernet Switch	\$26214399.99	\$26214399.99
MS-022	3145728-Port 10/100 Ethernet Switch	\$52428799.99	\$52428799.99
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MS-024	12582912-Port 10/100 Ethernet Switch	\$209715199.99	\$209715199.99
MS-025	25165824-Port 10/100 Ethernet Switch	\$419430399.99	\$419430399.99
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MS-027	100663296-Port 10/100 Ethernet Switch	\$1677721599.99	\$1677721599.99
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MS-032	3221225472-Port 10/100 Ethernet Switch	\$53687091199.99	\$53687091199.99
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MS-034	12884901888-Port 10/100 Ethernet Switch	\$214748364799.99	\$214748364799.99
MS-035	25769803776-Port 10/100 Ethernet Switch	\$429496729599.99	\$429496729599.99
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MS-054	13510		



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