

MiniView™ Extreme Multimedia KVMP Switch

User Manual (GCS1732 / GCS1734)





Thank you for purchasing one of the most feature rich KVM and peripheral sharing switch on the market. IOGEAR's MiniView™ Extreme Multimedia KVMP Switch brings extra value to conventional KVM switches by offering USB peripheral sharing capabilities, audio and microphone support, and multi-platform support for Mac, Sun, USB and PS/2. You can save money and space by eliminating the need for multiple monitors, keyboards, mice, and peripheral devices such as printers, scanners, zip drives, and more. Up to 127 different USB devices can be daisy chained from this KVMP switch. Sharing speakers and a microphone also offers extra value and convenience for the users.

USB and KVM technology together makes cross-platform management easy. A single USB console can control a PC and a Mac, or even a Sun workstation, and share peripherals and audio devices between the computers. Any USB-enabled computers, using any USB-compatible operating system, can benefit from the efficiency, expense reduction and convenience of IOGEAR's Miniview Extreme KVMP switch.

We hope you enjoy using your Miniview™ Extreme Multimedia KVMP switch, yet another first-rate connectivity solution from IOGEAR.

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This package contains:

- 1 MiniView™ Extreme Multimedia KVMP Switch (GCS1732 or GCS1734)
- 2 or 4 bonded KVM Cables (2 for GCS1732, 4 for GCS1734)
- 1 Power Adapter
- 1 Firmware Upgrade Cable
- 1 User Manual
- 1 Quick Start Guide
- 1 Warranty/Registration Card

If any items are damaged or missing please contact your dealer.

Overview

Overview

IOGEAR's new MiniView™ Extreme Multimedia KVMP Switch brings extra value to conventional KVM switches by offering USB peripheral sharing capabilities, audio and microphone support, and multi-platform support for Mac, Sun, USB and PS/2. You can save money and space by eliminating the need for multiple monitors, keyboards, mice, and peripheral devices such as printers, scanners, zip drives, and more. Up to 127 different USB devices can be daisy chained from this KVMP switch. Sharing speakers and a microphone also offers extra value and convenience for the users.

USB and KVM technology together makes cross-platform management easy. A single USB console can control a PC and a Mac, or even a Sun workstation, and share peripherals and audio devices between the computers. Any USB-enabled computers, using any USB-compatible operating system, can benefit from the efficiency, expense reduction and convenience of IOGEAR's Miniview™ Extreme Multimedia KVMP switch.

Features

- Multi functional switch allows multiple USB or PS/2 (additional cables needed) computers to share one USB console and two USB peripheral devices such as printers and scanners, as well as speakers and a microphone
- User can conveniently switch USB peripheral devices from one computer to another using Hot Keys
- USB peripheral devices and USB consoles can be switched asynchronously from one computer to another using Hot Keys
- Fully compliant with USB 1.1 specifications and delivers a 12 Mbps data transmission rate
- Complete keyboard and mouse emulation for error free booting
- Support special keys on Mac and Sun keyboard
- Allows PC keyboards to simulate Mac and Sun special keys through Hotkeys
- Features AutoScan mode to monitor all computers
- LED display for easy status monitoring
- Superior video quality - supports resolutions up to 2048 x 1536
- Extra convenience offered through sharing of speakers and microphone
- Easy installation: no software required, hot swappable
- Compact design for easy placement

Requirements

System Requirements

- Computers with USB or PS/2 connections (additional cables needed for PS/2 computers)
- Windows 98, 98SE, ME, 2000, XP
- Mac OS 8.6 or greater
- Sun Solaris work station
- Linux, UNIX and other USB supported systems*

*Additional drivers and support may be needed

Audio

Only 2-piece, powered speaker system is supported

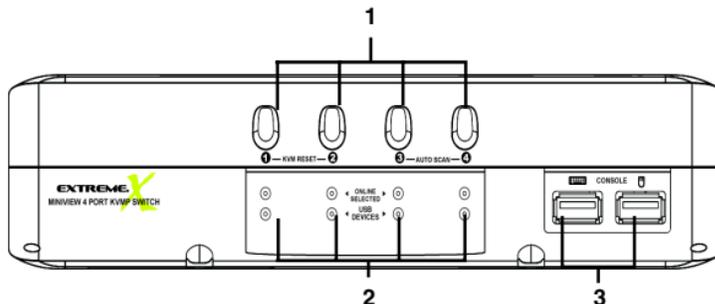
Accessories

- PS/2 KVM Cable (G2L5302P)
- USB KVM Console Extender (GCE700)

Front View

1. Port Selection Buttons

- Press a switch for less than two (2) seconds to bring only the KVM focus to the computer attached to its corresponding port
- Press a switch for longer than two (2) seconds to bring the KVM, USB hub, and Audio focus to the computer attached to its corresponding port
- Press switches 1 and 2 simultaneously for two (2) seconds to start Auto Scan Mode.
- Press switches 3 and 4 simultaneously for two (2) seconds to perform a keyboard and mouse reset



2. Port LEDs

The Port LEDs are built into the Port Selection Switches. The upper ones are the KVM Port Status LEDs; the lower ones are the USB Peripheral Selected LEDs:

KVM Status LEDs: Lights DIM ORANGE to indicate that the computer attached to the corresponding port is up and running (On Line); lights BRIGHT ORANGE to indicate that the computer attached to its corresponding port is the one

Introduction

that has the KVM focus (Selected); flashes to indicate that the computer attached to its corresponding port is being accessed under Auto Scan mode.

USB Peripheral Selected LEDs: Lights to indicate that the computer attached to its corresponding port is the one that has access to the USB peripherals.

3. USB Console Ports

Your USB keyboard and USB mouse plug in here.

Back View

1. Console Audio Jacks

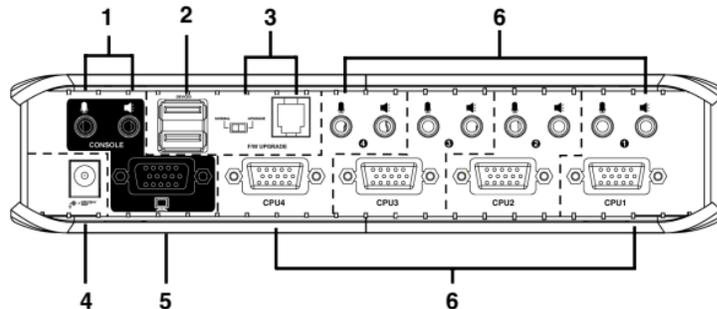
The cables from your microphone and speakers plug in here. Each jack is marked with an appropriate icon to indicate itself.

2. USB Peripheral Section

USB peripherals (printers, scanners, etc.) plug in here.

3. Firmware Upgrade Section

- **Firmware Upgrade Recovery Switch:**
During normal operation and while performing a firmware upgrade, this switch should be in the NORMAL position.
- **Firmware Upgrade Port:**
The Firmware Upgrade Cable that transfers the firmware upgrade data from the administrator's computer to the GCS1732 / GCS1734 plugs into this RJ-11 connector. See Pg. 25 for firmware upgrading details.



4. Power Jack

The power adapter cable plugs into this jack.

5. Monitor Port

The video cable from your monitor plugs in here.

6. CPU Port Section

The cables that link the switch to your computers plug in here. Each CPU port is comprised of a microphone

Introduction

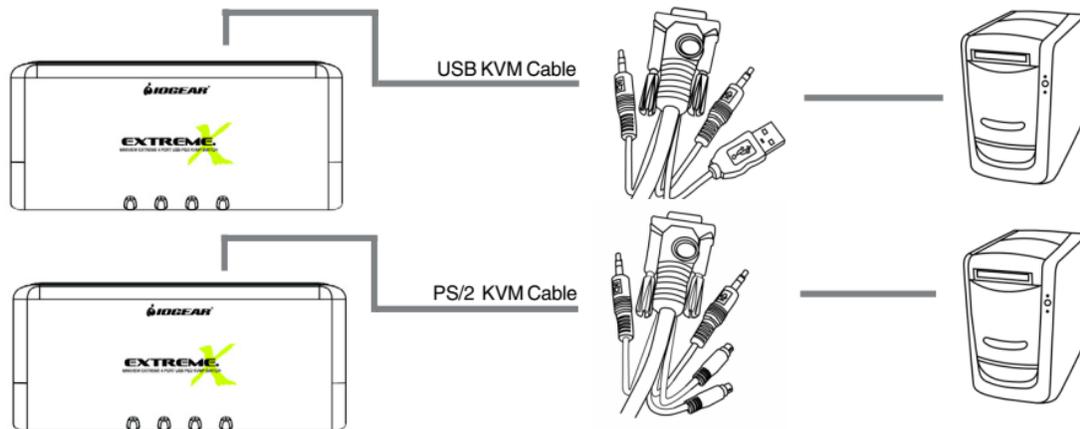
jack, speaker jack, and KVM data connector.

Note: The shape of these 15-pin KVM data connectors has been specifically modified so that only KVM cables designed to work with this switch can plug in (see the Cables section for details). Do **NOT** attempt to use ordinary 15 pin VGA connector cables to link these ports to the computers

Cable

The USB KVM Cables are included in the package. DB-15 KVM data cable.

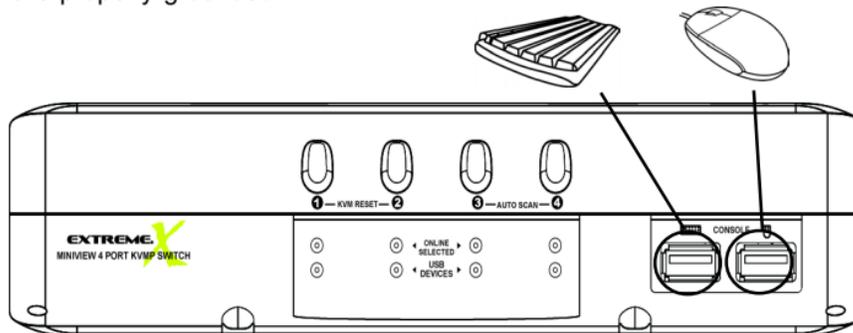
If you need some PS/2 KVM cable, please order G2L5302P (not included in this package).



Setup and Installation

Before you Begin

1. Make sure that power to all the devices you will be connecting up have been turned off. You must unplug the power cords of any computers that have the *Keyboard Power On* function. Otherwise, the switch will receive power from the computer.
2. To prevent damage to your installation make sure that all devices on the installation are properly grounded.



Installation

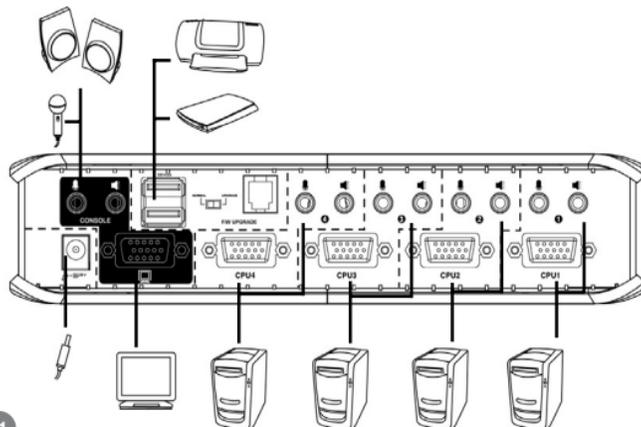
Setup and Installation

1. Plug your USB keyboard and USB mouse into the USB Ports located on the unit's front panel. Plug your monitor into the Console monitor port located on the unit's rear panel.

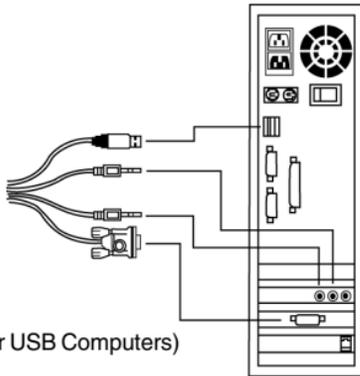
Note: For computers with older operating systems, such as Windows ME or prior, you may have to load the USB driver. Keep your OS CD ROM handy during installation. If it is the first time you load the USB driver on this type of computers, there is a big chance that you may need to keep the old keyboard and mouse on that computer until the driver is loaded.

2. Plug the custom SPDB15 connector of the KVM cables into any available CPU ports on the switch and plug the accompanying microphone and speaker cables into the CPU port's microphone and speaker jacks.
3. Plug the other end of the KVM cable to the respective ports on the computer.

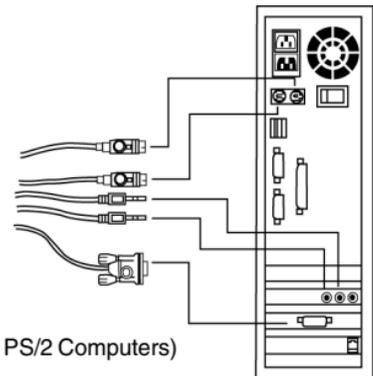
For a PS/2 connection, you will need to purchase the PS/2 KVM cable (IOGEAR Part No. G2L5302P), plug the keyboard, mouse, video, microphone and speaker cables into their respective ports on the computer.



- Repeat steps 3 and 4 for any other computers you are connecting up.
- Plug the power adapter cable into the switch's Power Jack, then plug the power adapter into an AC power source.
- Turn on the power to the computers.



(Connection for USB Computers)



(Connection for PS/2 Computers)

Operation

Hot Plugging

The MiniView™ Extreme supports USB hot plugging – components can be removed and added back into the installation by unplugging their cables from the CPU ports without the need to shut the unit down.

Powering Off and Restarting

If it becomes necessary to power off the MiniView™ Extreme unit, before starting it back up you must do the following:

1. Shut down all the computers that are attached to the switch.

Note: You must unplug the power cords of any computers that have the *Keyboard Power On* function that are connected to the shut down switches. Otherwise, the switches will still receive power from the computers.

2. Unplug the switch's power adapter cable.
3. Wait 10 seconds, then plug the switch's power adapter cable back in.
4. After the switch is up, power on the computers.

Hotkey Operation

The GCS1732/GCS1734 provides an extensive, easy-to-use, hotkey function that makes it convenient to control and configure your KVM installation from the keyboard.

The table below assumes the use of a PC-compatible keyboard with the *Scroll Lock* key. If you are using a MAC keyboard (or a keyboard that does not have Scroll Lock key), you can configure the KVM to use the **Ctrl** key instead, as described on Page 21 of the manual



Operation

Port Switching

All port switches begin with tapping the *Scroll Lock* key twice:
[Scroll Lock], [Scroll Lock] + any of the actions on the table below

Cycling Through the Ports

Hotkey	Action
[Scroll Lock] [Scroll Lock] [Enter]	Brings the KVM, USB hub, and audio focus from the port that currently has the KVM focus to the next port on the installation (1 to 2; 2 to 1 for the GCS1732 to 2; 2 to 3; 3 to 4; 4 to 1 for the GCS1734 Note that the KVM, USB hub, and audio focus all go to this port even if they were on different ports to begin with.
[Scroll Lock] [Scroll Lock] [K] [Enter]	Brings only the KVM focus from the port that currently has it to the next port on the installation. The USB hub and audio focus remain where they are.
[Scroll Lock] [Scroll Lock] [U] [Enter]	Brings only the USB hub focus from the port that currently has it to the next port on the installation. The KVM and audio focus remain where they are.
[Scroll Lock] [Scroll Lock] [S] [Enter]	Brings only the audio focus from the port that currently has it to the next port on the installation. The KVM and USB hub focus remain where they are.

Going Directly to a Port

Note: The n stands for the computer's Port ID number (1, 2, 3, or 4). Replace the n with the appropriate Port ID when entering hotkey combinations.

Hotkey	Action
[Scroll Lock] [Scroll Lock] [n] [Enter]	Brings the KVM, USB hub, and audio focus to the computer attached to the port corresponding to the specified Port ID. Note that the KVM, USB hub, and audio focus all go to this port even if they were on different ports to begin with.
[Scroll Lock] [Scroll Lock] [n] [K] [Enter]	Brings only the KVM focus to the computer attached to the specified port. The USB hub and audio focus remain where they are.
[Scroll Lock] [Scroll Lock] [n] [U] [Enter]	Brings only the USB hub focus to the computer attached to the specified port. The KVM and audio focus remain where they are.
[Scroll Lock] [Scroll Lock] [n] [S] [Enter]	Brings only the audio focus to the computer attached to the specified port. The KVM and USB hub focus remain where they are.
[Scroll Lock] [Scroll Lock] [n] [K] [U] [Enter]	Brings the KVM and USB hub focus to the computer attached to the specified port. The audio focus remains where it is.
[Scroll Lock] [Scroll Lock] [n] [K] [S] [Enter]	Brings the KVM and audio focus to the computer attached to the specified port. The USB hub focus remains where it is.
[Scroll Lock] [Scroll Lock] [n] [U] [S] [Enter]	Brings the USB hub and audio focus to the computer attached to the specified port. The KVM focus remains where it is.

Operation

Auto Scanning:

The GCS1732 / GCS1734's Auto Scan feature automatically cycles the KVM focus through the computer ports at regular intervals. This allows you to monitor the computer activity without having to take the trouble of switching from port to port manually. See the table below for details.

Hotkey	Action
[Scroll Lock] [Scroll Lock] [A] [Enter]	Starts Auto Scan. The KVM focus cycles from port to port at 5 second intervals.
[Scroll Lock] [Scroll Lock] [A] [n] [Enter]	Starts Auto Scan. The KVM focus cycles from port to port at n second intervals.

Note: The n stands for the number of seconds that the GCS1732 / GCS1734 should dwell on a port before moving on to the next. Replace the n with a number between 1 and 99 when entering this hotkey combination.

Hotkey Setting Mode (HSM)

For all Hotkey operations, you must use the number keypad on the right side of your keyboard.

To Invoke Hotkey Mode (PC-Compatible Keyboard):

1. Press and hold **Num Lock** key for two seconds
2. Press and hold **Minus key** [-] for one second
3. Release **Minus key** [-] and *within one second* also release **Num Lock** key

The KVM will now enter Hotkey mode, and the Caps Lock and Scroll Lock LEDs flash in succession to indicate this. On PC-Compatible keyboards this LED is usually located on top right-hand corner.

If the KVM did not enter Hotkey mode, repeat the above procedure keeping in mind that this entire procedure must be done within five seconds.



Operation

To Invoke Hotkey Mode (MAC Keyboard):

1. Press and hold **Clear** key for two seconds
2. Press and hold **Minus** key [–] key for one second
3. Release **Minus** key [–] and *within one second* also release **Clear** key

The KVM will now enter Hotkey mode; indicated by blinking of the Caps Locks LED. On some MAC keyboards, this LED is on the Caps Lock key itself.

If the KVM did not enter Hotkey mode, repeat the above procedure keeping in mind that this entire procedure must be done within five seconds.

Mac keyboard



Clear

Minus

NOTE: If using the **Num Lock** and **Minus** key to invoke Hotkey mode is not optimal, refer to the next page for instructions on changing the hotkey invocation keys to **Ctrl** and **F12**.

Ordinary keyboard and mouse functions are suspended - only Hotkey compliant keystrokes and mouse clicks (described in the sections that follow), can be input.

At the conclusion of some hotkey operations, you automatically exit hotkey mode. With some operations, you must exit manually. To exit HSM manually, press the **Esc** key, or the **Spacebar**.

Alternate HSM Invocation Keys

An alternate set of HSM invocation keys is provided in case the default set conflicts with programs running on the computers.

To switch to the alternate HSM invocation set, do the following:

1. Invoke HSM (see above)
2. Press and release the **H** key

The HSM invocation keys become the Ctrl key (instead of Num Lock) and the F12 key (instead of minus).

Note: This procedure is a toggle between the two methods. To revert back to the original HSM invocation keys, invoke HSM, then press and release the H key again.

Operation

Alternate Port Switching Keys

The hotkey activation keys can be changed from tapping *Scroll Lock* key twice, to tapping *Ctrl* key twice.

If you have a MAC keyboard (or a keyboard that does not have Scroll Lock key), change the port switching keys by doing the following:

1. Invoke Hotkey Mode (See Page 18-19)
2. Press and release **T**

The hotkey function will now be activated when you tap Ctrl key twice. Please note that any reference to Scroll Lock hotkey, will now function with Ctrl hotkey.

NOTE: This procedure is a toggle between the two methods. To revert back to the original port switching keys, repeat the above procedure.

Keyboard Operating Platform

The GCS1732 / GCS1734's default port configuration is for a PC Compatible keyboard operating platform.

If your requirements call for different port settings (you have a Mac or Sun attached to a port, e.g.), you can change a port's keyboard operating platform configuration as follows:

1. Bring the KVM focus to the port you want to set.
2. Invoke Hotkey mode
3. Press and release the appropriate Function key (see table).

Function Key	Operation
[F1]	Sets the PC Compatible keyboard operating platform.
[F2]	Sets the Mac keyboard operating platform.
[F3]	Sets the Sun keyboard operating platform.*

* The first time that the Sun system runs from a port, you must configure its port for the Sun keyboard operating platform before you turn the system on, or else the Sun system will not start.

Operation

List Hotkey Settings:

To see a listing of the current hotkey settings, do the following:

1. Open a text editor or word processor
2. Invoke HSM (see p. 18-19)
3. Press and release the **F4** function key

USB Reset

If the USB loses focus and needs to be reset, do the following:

1. Invoke HSM (see p. 18-19).
2. Press and release the F5 function key.

Hotkey Beeper Control

The Beeper can be hotkey toggled On and Off. To toggle the Beeper, do the following:

1. Invoke HSM (see p. 18-19).
2. Press and release the B key.

The Beeper toggles On or Off. The Command Line displays Beeper On or Beeper Off for one second; then the message disappears and you automatically exit Hotkey Mode.

Disable Port Switching Keys

To disable the Port Switching Keys ([Scroll Lock] [Scroll Lock] / [Ctrl] [Ctrl]), do the following:

1. Invoke HSM (see p. 17).
2. Press [X] [Enter].

Note: This procedure is a toggle. To enable the Port Switching keys repeat steps 1 and 2.

Restore Default Settings

To reset the GCS1732 / GCS1734 to its default hotkey settings, do the following:

1. Invoke HSM (see p. 17).
2. Press [R] [Enter].

All hotkey settings return to the factory default settings.

Operation

HSM Summary Table:

After invoking HSM (see p.18-19), key in one of the following keys to perform the corresponding function:

Key	Function
H	Toggles between the default and alternate HSM invocation keys.
T	Toggles between the default and alternate Port Switching keys.
F1	Sets the PC Compatible keyboard operating platform.
F2	Sets the Mac keyboard operating platform.
F3	Sets the Sun keyboard operating platform.
F4	Lists the current hotkey settings via the <i>Paste</i> function of a text editor or WP.
F5	Performs a USB reset.
B	Toggles the beeper On and Off.
X [Enter]	Enables/Disables the Port Switching keys.
R [Enter]	Resets the hotkey settings to their default status.

Keyboard Emulation:

Sun Keyboard

The PC compatible (101/104 key) keyboard can emulate the functions of the Sun keyboard when the Control key [Ctrl] is used in conjunction with other keys. The corresponding functions are shown in the table below.

Note: When using [Ctrl] combinations, press and release the Ctrl key, then press and release the activation key.

PC Keyboard	Sun Keyboard
[Ctrl] [T]	Stop
[Ctrl] [F2]	Again
[Ctrl] [F3]	Props
[Ctrl] [F4]	Undo
[Ctrl] [F5]	Front
[Ctrl] [F6]	Copy
[Ctrl] [F7]	Open
[Ctrl] [F8]	Paste
[Ctrl] [F9]	Find
[Ctrl] [F10]	Cut
[Ctrl] [4]	☾
[Ctrl] [H]	Help
[Ctrl] [1]	Mult
[Ctrl] [2]	V_DN
[Ctrl] [3]	V_UP
[Win]	Compose

Operation

Keyboard Emulation:

Mac Keyboard

The PC compatible (101/104 key) keyboard emulate the functions of the Mac keyboard. emulation mappings are listed in the table below.

Note: When using key combinations, press and release the first key, then press and release second one.

PS/2 Keyboard	Mac Keyboard
[Shift]	Shift
[Ctrl]	Ctrl
[Win]	⌘
[Ctrl] [4]	▲
[Alt]	L Alt/Option
[Prt_Sc]	F13
[Scroll Lock]	F14
[Desktop Menu]	=
[Enter]	Return
[Back Space]	Delete
[Ins]	Help
[Ctrl] [Win]	F15
[Ctrl] [1]	Mult
[Ctrl] [2]	V_DN
[Ctrl] [3]	V_UP

The Windows-based Firmware Upgrade Utility (FWUpgrade.exe) provides a smooth, automated process for upgrading the KVM switch's firmware.

The Utility comes as part of a Firmware Upgrade Package that is specific for each device. New firmware upgrade packages are posted on our web site as new firmware revisions become available. Check the web site regularly to find the latest packages and information relating to them:

<http://www.iogear.com>

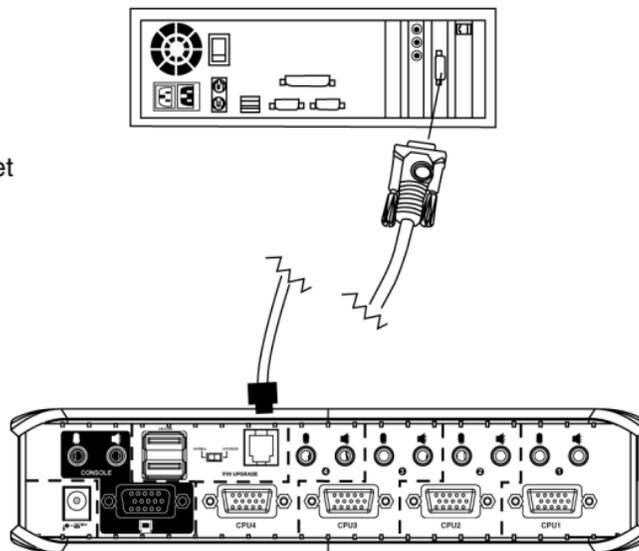
Before You Begin

To prepare for the firmware upgrade, do the following:

1. From a computer that is not part of your KVM installation, go to the IOGEAR support site and select the product part number (GCS1732 or GCS1734) to get a list of available Firmware Upgrade Packages.
2. Choose the Firmware Upgrade Package you want to install (usually the most recent), and download it to your computer.
3. Use the *Firmware Upgrade Cable* provided with this unit, to connect a COM port on your computer to the *Firmware Upgrade Port* of your switch.

Operation

4. Shut down the computers on your MiniView™ Extreme installation and make sure the firmware upgrade switch is set to “Upgrade”.
5. Make sure the power is plugged into the KVM.
6. Once the power is plugged in and the switch is set to upgrade, all of the amber lights on the KVM will flash once per second. Now you are ready to run the firmware upgrade utility.



Starting the Upgrade

To upgrade your firmware:

1. Run the downloaded Firmware Upgrade Package file - either by double-clicking the file icon, or by opening a command line and entering the full path to it.

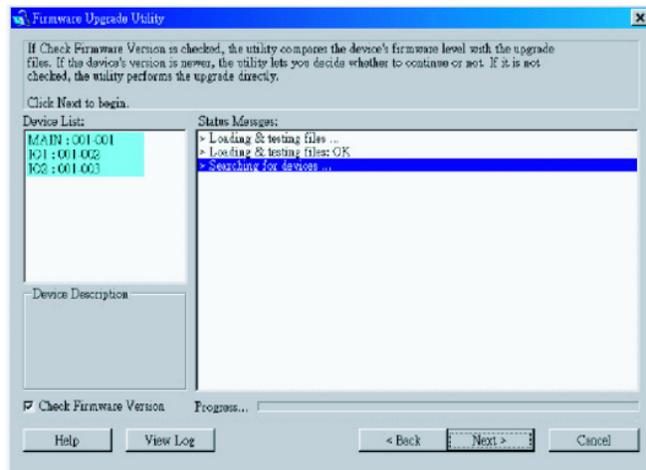
The Firmware Upgrade Utility *Welcome* screen appears:

2. Read and *Agree* to the License Agreement (enable the I Agree radio button).



The Firmware Upgrade Utility

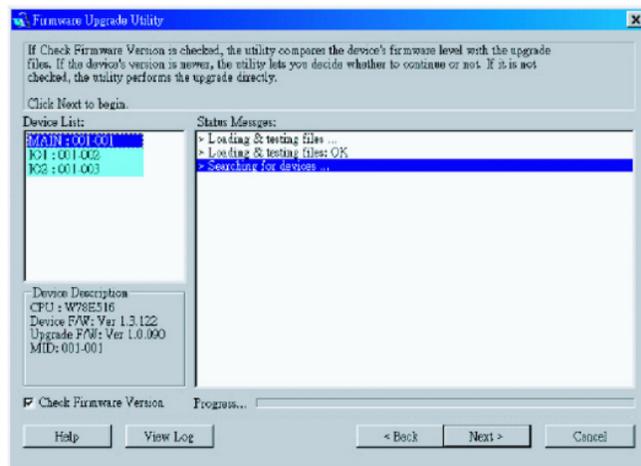
3. Click Next to continue. The Firmware Upgrade Utility main screen appears:



The Utility inspects your installation. All the devices capable of being upgraded by the package are listed in the *Device List* panel.

The Firmware Upgrade Utility

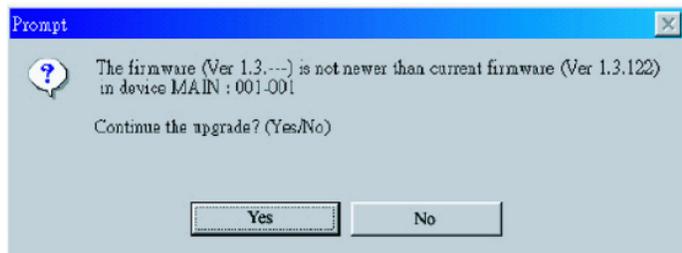
4. As you select a device in the list, its description appears in the *Device Description* panel.



The Firmware Upgrade Utility

5. After you have made your device selection(s), Click **Next** to perform the upgrade.

If you enabled *Check Firmware Version*, the Utility compares the device's firmware level with that of the upgrade files. If it finds that the device's version is higher than the upgrade version, it brings up a dialog box informing you of the situation and gives you the option to continue or cancel.

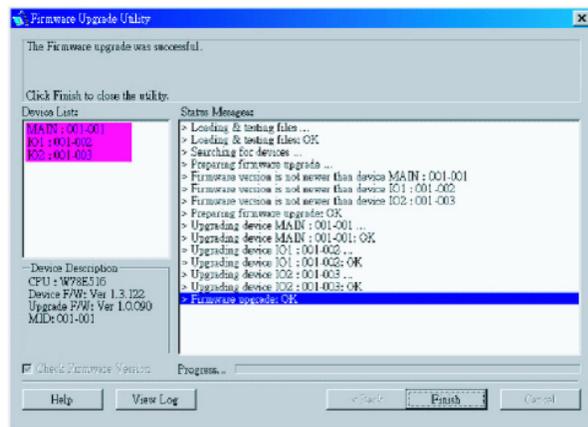


If you didn't enable *Check Firmware Version*, the Utility installs the upgrade files without checking whether they are a higher level, or not.

The Firmware Upgrade Utility

As the Upgrade proceeds status messages appear in the Status Messages panel, and the progress toward completion is shown on the *Progress* bar.

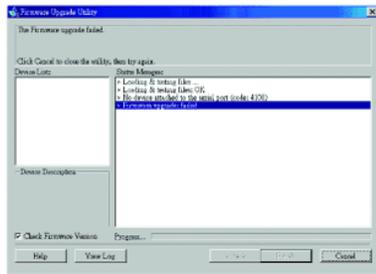
After the upgrade has completed, a screen appears to inform you that the procedure was successful:



Click **Finish** to close the Firmware Upgrade Utility.

The Firmware Upgrade Utility

If the upgrade failed to complete successfully a dialog box appears asking if you want to retry. Click **Yes** to retry. If you click **No**, the *Upgrade Failed* screen appears:



Click **Cancel** to close the Firmware Upgrade Utility. See the next section, *Firmware Upgrade Recovery*, for how to proceed.

Firmware Upgrade Recovery

There are basically three conditions that call for firmware upgrade recovery:

- When you begin a firmware upgrade, but decide not to proceed with it.
- When the Mainboard firmware upgrade fails.
- When the I/O firmware upgrade fails.

To perform a firmware upgrade recovery, do the following:

1. Slide the *Firmware Upgrade Recovery Switch* (see p. 8 drawing) to the **Recover** position.
2. Power off and restart the switch.
3. Slide the *Firmware Upgrade Recovery Switch* back to the **Normal** position.
4. Repeat Step 2.

Troubleshooting

Symptom	Possible Cause	Action
Erratic behavior	Unit not receiving enough power	Use a DC 5V power adapter if you are not already using one. If you are already using a power adapter, check that it matches the system specification (DC 5V), and that it is plugged in and functioning properly.
Keyboard and/or Mouse not responding	Keyboard and/or mouse need to be reset	Press and hold port selection switches 1 and 2 for two seconds. (GCS1734 only.)
		Unplug the cable(s) from the console ports(2), then plug it/them back in.
USB devices not responding	No connection to the computer	Check the cable from the switch to the computer to make sure it is properly connected.
	KVM switch needs to be reset	Power off all devices on the installation; power off the KVM switch; wait five seconds; then power up.
		Unplug the device's USB cable from the USB port on the switch's rear panel, then plug it back in.
		Use the USB Reset hotkey combination, to reset the USB ports.

Specification

Function		GCS1732	GCS1734
Computer Connections		2	4
CPU Port Selection		Front Panel Switches; Hotkey	
USB Port Selection		Hotkey	
LEDs	On Line	2 (Orange)	4 (Orange)
	USB Link	2 (Green)	4 (Green)
Console Connectors	Keyboard	1 x USB Type A	
	Mouse	1 x USB Type A	
	Video	1 x HDB - 15 female	
	Audio	1 x Stereo port 1 x Microphone port	
CPU Connectors	KVM data	2 x SPDB = 15 female	4 x SPDB = 15 female
	Audio	2 x Stereo ports 2 x Microphone ports	4 x Stereo ports 4 x Microphone ports
USB Peripherals		2 x USB TypeA	

Function	GCS1732	GCS1734
Firmware Upgrade	1 x RJ- 11 socket	
Power Adapter	1 x DC 5V jack	
Scan Interval	5 secs.	
Resolution	Up to 2048 x 1440	
Power Consumption	Bus Powered	
Operating Temperature	5 - 40°C	
Storage Temperature	-20 - 60°C	
Humidity	0 - 80% RH	
Housing	Metal/Plastic	
Weight	.75 lb (0.5 kg)	1.1 lb (0.7 kg)
Dimensions (L x W x H)	3.5" x 1.7" x 5.2" (90mm x 47mm x 135mm)	3.5" x 1.7" x 8" (90mm x 47mm x 205mm)

Technical Support

If you need technical support, please check out our IOGEAR Tech Info Library (T.I.L.) at **www.iogear.com/support** for the latest tips, tricks, and troubleshooting. The IOGEAR T.I.L. was designed to provide you with the latest technical information about our products. Most of the answers to your questions can be found here, so please try it out before contacting technical support.

Technical support is available Monday through Friday from 8:00 am to 5:00 pm PST and can be reached at 866-946-4327

Radio & TV Interference Statement

WARNING!!! This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause interference to radio communications. This equipment has been tested and found to comply with the limits for a Class B computing device pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference, in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

Limited Warranty

IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, DISK, OR ITS DOCUMENTATION EXCEED THE PRICE PAID FOR THE PRODUCT.

The direct vendor makes no warranty or representation, expressed, implied, or statutory with respect to the contents or use of this documentation, and especially disclaims its quality, performance, merchantability, or fitness for any particular purpose.

The direct vendor also reserves the right to revise or update the device or documentation without obligation to notify any individual or entity of such revisions, or updates. For further inquiries please contact your direct vendor.



Contact info.

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