

GCS1816H

# 16-Port USB HDMI KVM Switch with Audio (TAA Compliant)



- Controls up to 16 HDMI® sources while sharing 2 additional USB 2.0 devices
- Supports up to 1080p (1920 x 1200) HD video resolution
- Cascade up to 2 levels<sup>1</sup> - control up to 256 computers from a single console
- Features 2 built-in USB 2.0 ports<sup>2</sup> for USB peripheral sharing
- Multi-display feature allows viewing of up to 8 monitors when stacking up to (8) GCS1816H together

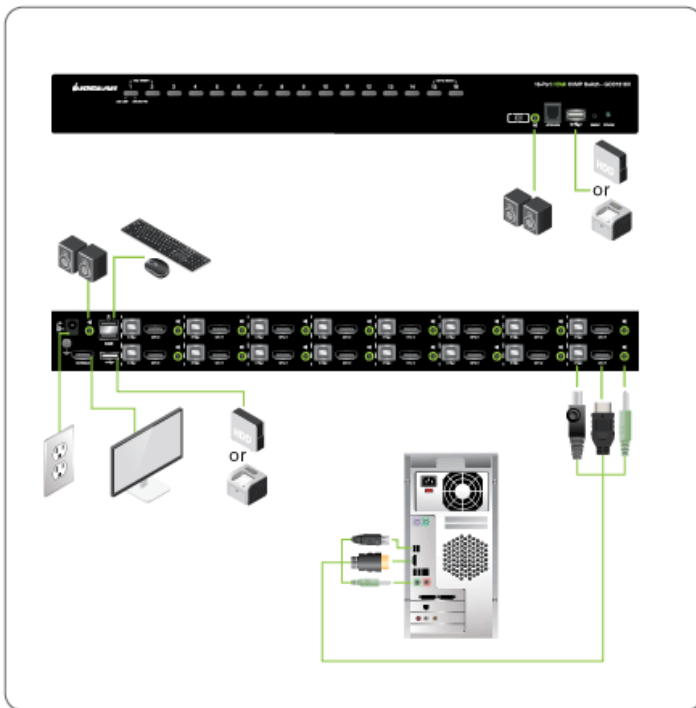
## 16-Port HDMI KVMP Switch

IOGEAR's 16-port USB HDMI KVMP Switch allows you to control and access up to 16 computers from a single USB keyboard, USB mouse, and an HDMI monitor console. Experience high definition video resolution to 1080p (1920 x 1200) while sharing USB 2.0 peripherals and listening to 2.1 stereo surround sound.

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- Multi-display feature allows viewing of up to 8 monitors when stacking up to (8) GCS1816H together
- Independent KVM and USB focus switching
- Supports 2 level password protection security for On-Screen Display (OSD)
- OSD Backup/Restore configuration and user profile information
- Broadcast Mode sends commands to all connected computers
- Auto Scan Mode monitors connected computers
- HDMI input connectors equipped with screw lock for secure connection
- Rack mountable in a 19" (1U) system rack
- Multi-platform OS support - Windows®, Mac, Oracle® Solaris and Linux®
- Easy-to-operate computer selection via front panel LEDs, intuitive multi-lingual On-Screen Display (OSD), and hotkeys
- Video DynaSync<sup>3</sup> - An exclusive IOGEAR technology, optimizes resolution when booting-up or switching between ports
- Console mouse port emulation & bypass feature supports most mouse drivers and multifunction mice
- Complete keyboard emulation for error-free booting
- Mac/Sun keyboard support and emulation<sup>4</sup>
- Multilingual OSD supports English, German, Japanese, Chinese, Spanish, Russian, and French
- Multilingual keyboard mapping supports English (US), English (UK), German, Japanese, Traditional Chinese, Spanish, Korean, and French
- HDCP compatible
- Firmware upgradable

<sup>1</sup>Cascade only with another GCS1816H for control over 256 computers  
<sup>2</sup>The built-in USB 2.0 hub cannot be accessed from sources on the second or third level of a cascaded installation  
<sup>3</sup>IOGEAR's DynaSync Display Emulation Technology provides the DDC support for Windows® 7  
<sup>4</sup>PC keyboard combinations emulate Mac/Sun keyboards; Mac/Sun keyboards work only with their own OS





**Requirements**

**Package Contents**

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• <b>Console:</b></li> <li>• HDMI display</li> <li>• Standard 104 key wired USB keyboard</li> <li>• Standard 2 or 3 button wired USB mouse</li> <li>• Speakers (optional)</li> <li>•</li> <li>• <b>Source devices:</b></li> <li>• HDMI output</li> <li>• USB Type-A port</li> <li>• Speaker ports (optional)</li> <li>•</li> <li>• <b>Operating Systems:</b></li> <li>• Windows Vista®, Windows® 7, Windows® 8, Windows® 8.1, Windows® 10</li> <li>• Mac OS 9 to 10.x</li> <li>• Oracle® Solaris</li> <li>• Linux®, Unix and other USB supported systems<sup>1</sup></li> </ul> | <ul style="list-style-type: none"> <li>• 1 x 16-port USB HDMI KVMP Switch</li> <li>• 2 x Custom USB HDMI KVM Cable Sets</li> <li>• 1 x Firmware Upgrade Cable</li> <li>• 1 x Power Adapter</li> <li>• 1 x Foot Pad Set (4 pcs)</li> <li>• 1 x Quick Start Guide</li> <li>• 1 x Rack Mounting Kit</li> </ul> |
|--|---|

<sup>1</sup>Additional drivers and support may be needed

## Specifications

Function	GCS1816H	Dimensions	GCS1816H
<b>Computer Connections</b>		<b>Unit Dimensions</b>	
Direct	16	Height	1.75" (4.45cm)
Daisy Chain or Cascading	256 (via Cascade)	Depth	10" (25.4cm)
Port Selection	OSD, Hotkey, LED Pushbutton	Length	17" (43.18cm)
<b>Console Connectors</b>		<b>Unit Package Dimensions</b>	
Monitor	1 x HDMI Female	Width	19.75" (50.17cm)
Keyboard	1 x USB Type-A Female	Height	12.75" (32.39cm)
Mouse	1 x USB Type-A Female	Depth	5.25" (13.3cm)
Audio	2 x 3.5mm Stereo Jack Female (1 x Front Panel; 1 x Rear Panel)	<b>Master Carton</b>	
<b>CPU Connectors</b>		Width	20.5" (52cm)
Monitor	16 x HDMI Female	Height	14" (35.56cm)
Keyboard & Mouse	16 x USB Type-B Female	Depth	17" (43.18cm)
Audio	16 x 3.5mm Stereo Jack Female	Master Carton Qty.	3
<b>Switches</b>		<b>Weight</b>	
F/W Upgrade	1 x Slide Switch (Front Panel)	Master Carton Wt.	37.85lb (17.2kg)
Port Selection	16 x LED Pushbutton (Front Panel)	Unit Pack Wt.	12.45lb (5.66kg)
<b>Connectors</b>		Unit Wt.	8.8lb (4kg)
Power	1 x DC Jack		
USB	2 x USB 2.0 Type-A Female (1 x Front Panel; 1 x Rear Panel)		
<b>LEDs</b>			
USB Peripherals	16 (Green)		
On Line	16 (Orange)		
Power On	1 (Dark Green)		
<b>Emulation</b>			
Keyboard	USB		
Mouse	USB		
Video Resolution	480i, 480p, 720p, 1080i, and 1080p (HDTV) / 1920 x 1200 @60Hz		
Scan Interval	1 - 255 Seconds (Default: 5 sec)		
Power Consumption	DC 5.0V; 12.2W		
<b>Environment</b>			
Operation Temperature	0 - 50C		
Storage Temperature	-20 - 60C		
Humidity	0 - 80% RH; Non-condensing		
<b>Housing</b>			
Case	Metal		