

GCS1816H

16-Port USB HDMI KVM Switch with Audio

- 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 levels¹ - control up to 256 computers from a single console
- Features 2 built-in USB 2.0 ports² 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 DynaSync³ - 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 emulation⁴
- 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

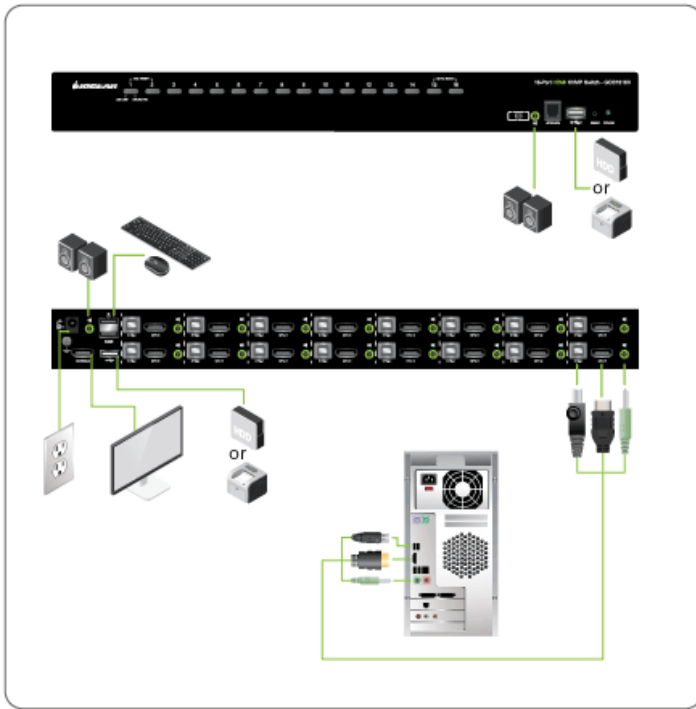
¹Cascade only with another GCS1816H for control over 256 computers

²The built-in USB 2.0 hub cannot be accessed from sources on the second or third level of a cascaded installation

³IOGEAR's DynaSync Display Emulation Technology provides the DDC support for Windows® 7

⁴PC keyboard combinations emulate Mac/Sun keyboards; Mac/Sun keyboards work only with their own OS





Requirements

Package Contents

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| <ul style="list-style-type: none"> • Console: • HDMI display • Standard 104 key wired USB keyboard • Standard 2 or 3 button wired USB mouse • Speakers (optional) • • Source devices: • HDMI output • USB Type-A port • Speaker ports (optional) • • Operating Systems: • Windows Vista®, Windows® 7, Windows® 8, Windows® 8.1, Windows® 10 • Mac OS 9 to 10.x • Oracle® Solaris • Linux®, Unix and other USB supported systems¹ | <ul style="list-style-type: none"> • 1 x 16-port USB HDMI KVM Switch • 2 x Custom 6ft. USB HDMI KVM Cable Sets • 1 x Firmware Upgrade Cable • 1 x Power Adapter • 1 x Foot Pad Set (4 pcs) • 1 x Quick Start Guide • 1 x Rack Mounting Kit |
|--|---|

¹Additional drivers and support may be needed

Specifications

Function	GCS1816H	Dimensions	GCS1816H
Computer Connections		Unit Dimensions	
Direct	16	Height	1.75" (4.45cm)
Daisy Chain or Cascading	256 (via Cascade)	Length	17" (43.18cm)
Port Selection		Depth	10" (25.4cm)
OSD, Hotkey, LED Pushbutton		Unit Package Dimensions	
Console Connectors		Height	12.75" (32.39cm)
Monitor	1 x HDMI Female	Width	19.75" (50.17cm)
Keyboard	1 x USB Type-A Female	Depth	5.25" (13.3cm)
Mouse	1 x USB Type-A Female	Master Carton	
Audio	2 x 3.5mm Stereo Jack Female (1 x Front Panel; 1 x Rear Panel)	Height	14" (35.56cm)
CPU Connectors		Width	20.5" (52cm)
Monitor	16 x HDMI Female	Depth	17" (43.18cm)
Keyboard & Mouse	16 x USB Type-B Female	Master Carton Qty.	3
Audio	16 x 3.5mm Stereo Jack Female	Weight	
Switches		Master Carton Wt.	37.85lb (17.2kg)
F/W Upgrade	1 x Slide Switch (Front Panel)	Unit Pack Wt.	12.45lb (5.66kg)
Port Selection	16 x LED Pushbutton (Front Panel)	Unit Wt.	8.8lb (4kg)
Connectors			
Power	1 x DC Jack		
USB	2 x USB 2.0 Type-A Female (1 x Front Panel; 1 x Rear Panel)		
LEDs			
USB Peripherals	16 (Green)		
On Line	16 (Orange)		
Power On	1 (Dark Green)		
Emulation			
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			
Environment			
Operation Temperature	0 - 50C		
Storage Temperature	-20 - 60C		
Humidity	0 - 80% RH; Non-condensing		
Housing			
Case	Metal		
Cable Length			
2 x 6 feet custom USB HDMI KVM cable			