IOGEAR®

KVM | CAC | Computer Accessories | A/V

IOGEAR®

IOGEAR's commitment to designing products that follow TAA standards, GSA and SEWP lends our strength as a leading resource for all government product needs.

Large or small, IOGEAR provides reliable solutions to meet the government demands, requirements, needs and wants to sustain continuity in ever growing environments.

TAA Compliant

SEWP
www.sewp.nasa.gov

GSA FIPS 201 APPROVED

Common Criteria

2014 TAA Compliant

Contents

KVM / KVMP

GCS1212TAA / GCS1214TAA

2/4-Port Dual-Link DVI Secure KVM Switch

• 2/4-PORT USB DVI SECURE KVM SWITCH - One USB console controls 2/4 secure computers

• PORT SELECTION VIA PUSHBUTTON ONLY TO ENHANCE SECURITY (OSD, hotkey methods are not allowed)

• NIAP-CERTIFIED - Validated to EAL2+ security requirements

• ISOLATED CHANNEL PER PORT - Makes it impossible for data to be transferred between computers

• TAMPER-EVIDENT TAPE - Provides a visual indication of any attempt to gain access to the switch's internal components

• CHASSIS INTRUSION DETECTION - If the cover is removed from the switch, the unit becomes inoperable and the LEDs flash

• TAMPER-PROOF HARDWARE - All integrated circuits are soldered directly to the circuit board to prevent tampering with the components

• NON-REPORGRAMMABLE ROM - Prevents tampering and attempts to reprogram the switch's firmware

• CLEARS KEYBOARD BUFFER - Keyboard data is automatically cleared after transmission to the switch

• RUGGED METAL ENCLOSURE

• Supports CAC readers

• BUILT-IN INTERNAL POWER

Common Criteria

Secure KVM Switch

IOGEAR Secure KVM's are NIAP-CERTIFIED - Validated to the highest level of certification available; Evaluation Assurance Level 2 (EAL2+) with Peripheral Sharing Switch (PSS) for Human Interface Devices Protection Profile v2.1.

This new EAL2+ with Protection Profile v2.1 designation is more robust than the previous EAL4+ certification level, which was the previous highest level.

This Protection Profile specifies U.S. Department of Defense minimum-security requirements for peripheral switches; devices, which enable a single set of human interface devices to be shared between multiple computers. The Protection Profile is consistent with Common Criteria.

GCS1102 / GCS1104
2/4-Port DVI KVMP Switch with Audio and Cables

- Share a DVI monitor, keyboard, mouse and speakers between 2/4 USB computers
- Superior video quality - 1920x1200 @ 60 Hz; DDC2B
- Fully compliant with the USB 2.0
- Audio enabled - stereo sound

GCS1208 / GCS1208KIT1 / GCS1208KIT2
8-Port Dual Link DVI KVMP with VGA Support

- Share one VGA or DVI monitor, keyboard, mouse, and a USB Peripheral between 8 USB, DVI or VGA computers
- Superior video quality: 2560x1600 (Dual Link DVI), 1920x1200 (Single Link DVI), 2048x1536 (VGA); DDC2
- Audio enabled - Full bass response provides a rich experience for 2.1 channel sound

GCS1108 / GCS1108KIT1 / GCS1108KIT1
8-Port DVI KVMP switch with VGA support

- Share one VGA or DVI monitor, keyboard, mouse, and a USB Peripheral between 8 USB, DVI or VGA computers
- Supports both digital (DVI) and analog (VGA) video
- DVI digital and analog monitor support – Fully compliant with the DVI specifications

GCS1808 / GCS1808KITPTAA / GCS1808KITTAA / GCS1808KITUTAA
8-Port USB PS/2 Combo KVMP Switch

- Share one VGA monitor, keyboard, mouse, and a USB Peripheral between 8 USB or PS/2 computers
- Cascade up to 2 levels - control up to 128 computers from a single console (Cascade compatible with GCS1716)
- Security - 2 level password protection for OSD

GCS1794
4-Port HDMI Multimedia KVMP Switch

- Share an HDTV or display, keyboard, mouse and digital surround sound between 4 USB / HD computers and devices with HDMI connections
- Supports video resolutions: 480i, 480p, 720i, 720p, 1080i and 1080p (Maximum resolution: 1920x1200)
- 2 USB 2.0 ports for peripheral sharing
- Dolby True HD and DTS HD Master Audio Support

GCS1716 / GCS1716KITTAA / GCS1716KITUTAA
16-Port USB PS/2 KVM Switch

- Share one VGA monitor, keyboard, mouse, and a USB peripheral between 16 USB or PS/2 computers
- Cascade up to 2 levels - control up to 256 computers from a single console
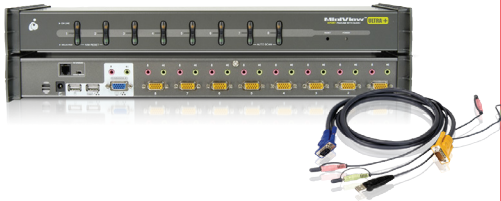- Security - 2 level password protection for OSD

GCS1742 / GCS1744

2/4-Port DualView USB VGA KVMP Switch with Audio and USB Peripheral Sharing

- One PS/2-USB VGA console controls 2 or 4 VGA interface computers.
- Dual Interface - supports computers with PS/2 or USB keyboards and mice
- Computer selection via front panel pushbuttons, hotkeys, and mouse

GCS1782G

2-Port Dual-Link DVI KVMP Pro with 7.1 Audio

- Share a professional quality monitor between two USB, DVI computers
- Compatible with gaming keyboards
- Supports high-end 3D graphics
- Maximum video resolutions:
  - DVI-D Dual-Link: 2560x1600
  - DVI-D Single Link: 1920x1200

GCS1758

8-Port USB-PS/2 VGA KVM Switch with Audio and On Screen Display (OSD)

- Share one VGA monitor, keyboard, and mouse between 8 USB or PS/2 computers
- Total capacity expandable to support 512 computers via 3 levels of cascading
- Security - 2 level password protection for OSD
- Maximum video resolution up to 2048x1536

GCS1784

4-Port Dual-Link DVI KVMP Pro with 7.1 Audio and USB 2.0 Peripheral Sharing

- Share a Dual-Link DVI monitor, keyboard, mouse and 7.1 surround sound between 4 USB computers
- Video resolution: DVI-D Dual-Link 2560x1600
- Supports special monitors with 3840x2400
- 2 USB 2.0 ports for peripheral sharing
- Share a 7.1 audio surround sound system

GCS1774

4-Port USB VGA KVMP Switch with Built-in Ethernet Switch, Audio, and USB 2.0 Peripheral Sharing

- Share a VGA monitor, keyboard, mouse, stereo speakers, microphone, Ethernet connection, and USB peripherals between 4 USB computers
- Built-in 5 port 10/100Mbps Ethernet switch allows you to easily network and share Internet with your computers
- 2 USB 2.0 ports for peripheral sharing

GCS1204G

4-Port Dual-Link DVI KVMP Pro

- Share a professional quality monitor between 4 USB / DVI computers
- DynaSync reads and remembers the monitor's parameters (EDID) so there is no delay or change of video resolution when switching between, or booting computers
- Supports high-end 3D graphics

GCS1642 / GCS1644
2/4-Port DualView Dual-Link DVI KVMP Switch with USB 2.0 Peripheral Sharing

• Share 2/4 Dual-Link DVI monitors, keyboard, mouse and speakers between 2/4 USB computers with dual monitor support

• Video resolution: DVI-D Dual-Link 2560x1600

• Supports special monitors with 3840x2400

• 2 USB 2.0 ports for peripheral sharing

• Asynchronous hotkey switching between KVM focus, USB peripheral, and Audio ports

GCL1800TAA
17" LCD Combo Console

• Integrated KVM console featuring a 17" TFT LCD active matrix monitor, keyboard and touchpad

• Video resolution up to 1280x1024 @ 74Hz

• Rack mount in a 19" (1U) system rack; both short and long L brackets

• Support for PS/2 and USB Computers

• Extra console port—manage computers on the LCD KVM switch from an external console

GCS1924
4-Port USB 2.0 Mini DisplayPort DualView KVMP Switch

• Share 2 Mini DisplayPort monitors, a keyboard, mouse and speakers between 4 Mini DisplayPort computers with dual monitor support

• Supports special monitors with 3840x2400

• Video resolutions:
  - Single Link: 1920x1200
  - Dual-Link: 2560x1600

• 2 USB 2.0 ports for peripheral sharing

• Audio Support for digital and analog:
  - Mini TOSLINK: High Definition digital audio signals
  - 3.5mm audio jack: Supports 2.1 stereo with full bass response

GCL1808TAA / GCL1808KITTAA / GCL1808KITUTAA / GCL1808KITPTAA / GCL1816TAA / GCL1816KITTAA / GCL1816KITUTAA / GCL1816KITPTAA
8/16-Port 17" LCD Combo KVM Switch

• Integrated 17" TFT LCD active matrix monitor console with built-in KVM switch

• Video resolution up to 1280x1024@ 75Hz

• Space saving technology—up to two consoles (one bus) control up to 8/16 computers

• Extra console port—manage computers in the LCD KVM switch from an external console

• Dual interface KVM support - PS/2 and USB Computers

KVM Comparison Chart

Model #	Console		Computer Connections		Interface		Platform Support				USB Hub	On-Screen-Display	Hotkey	Audio		Cable Included
	Connections	LCD Drawer	Port	Via Cascade	Console	Computer	PC	Mac	Sun	Linux	Ethernet Switch			Speaker	Mic	
2-Port KVMs																
GCS1102	1		2		USB, DVI	USB, DVI	•	•	•	•	USB 2.0 Hub		•	•	•	•
GCS1212TAA*	1		2		USB, Dual-Link DVI	USB, Dual-Link DVI	•	•	•	•			•	•	•	
GCS1642	1		2		USB, DualView, Dual-Link DVI	USB, DualView, Dual-Link DVI	•	•	•	•	USB 2.0 Hub		•	•	•	•
GCS1742	1		2		USB, Dual VGA	USB, Dual VGA	•	•	•	•	USB Hub		•	•	•	•
GCS1782G	1		2		USB, Dual-Link DVI	USB, Dual-Link DVI	•	•	•	•	USB 2.0 Hub		•	• (7.1)	•	•
4-Port KVMs																
GCS1104	1		4		USB, DVI	USB, DVI	•	•	•	•	USB 2.0 Hub		•	•	•	•
GCS1204G	1		4		USB, Dual-Link DVI	USB, Dual-Link DVI	•	•	•	•	USB 2.0 Hub		•	•	•	•
GCS1214TAA*	1		4		USB, Dual-Link DVI	USB, Dual-Link DVI	•	•	•	•			•	•	•	
GCS1644	1		4		USB, DualView, Dual-Link DVI	USB, DualView, Dual-Link DVI	•	•	•	•	USB 2.0 Hub		•	•	•	•
GCS1744	1		4		USB, Dual VGA	USB, Dual VGA	•	•	•	•	USB Hub		•	•	•	•
GCS1774	1		4		USB, VGA	USB, VGA	•	•	•	•	USB 2.0 + Ethernet Switch		•	•	•	•
GCS1784	1		4		USB, Dual-Link DVI	USB, Dual-Link DVI	•	•	•	•	USB 2.0 Hub		•	• (7.1)	•	•
GCS1794	1		4		USB, HDMI	USB, HDMI	•	•	•	•	USB 2.0 Hub		•	•	•	•
GCS1924	1		4		USB, DualView, Mini DisplayPort	USB, DualView, Mini DisplayPort	•	•		•	USB 2.0 Hub		•	•	•	•
8-Port KVMs																
GCS1108	1		8	512	USB, VGA, DVI-I	USB, VGA, DVI-I	•	•	•	•	USB Hub		•	•	•	•
GCS1208	1		8	512	USB, Dual Link DVI	USB, Dual Link DVI	•	•	•	•	USB Hub		•	•	•	•

Model #	Console		Computer Connections		Interface		Platform Support				USB Hub	On-Screen-Display	Hotkey	Audio		Cable Included
	Connections	LCD Drawer	Port	Via Cascade	Console	Computer	PC	Mac	Sun	Linux	Ethernet Switch			Speaker	Mic	
GCS1758	1		8	512	USB, VGA	PS/2 or USB, VGA	•	•	•	•		•	•	•	•	
GCL1808	1	17"	8	64	PS/2 or USB, VGA	PS/2 or USB, VGA	•	•	•	•	USB Hub	•	•			
GCS1808	1		8	64	PS/2 or USB, VGA	PS/2 or USB, VGA	•	•	•	•	USB Hub	•	•			
GCL1800TAA	1	17"	1	1	PS/2 or USB, VGA	PS/2 or USB, VGA	•	•	•	•		•	•			•
16-Port KVMs																
GCL1816	1	17"	16	256	PS/2 or USB, VGA	PS/2 or USB, VGA	•	•	•	•	USB Hub	•	•			
GCS1716	1		16	256	PS/2 or USB, VGA	PS/2 or USB, VGA	•	•	•	•	USB Hub	•	•			

*Secure KVM (NIAP Approved) EAL2+ certified.

KVM Cable Comparison Chart

Model #	PC/Source Interface	Switch Interface	Compatible Products
G2L5202PTAA (6ft) G2L5203PTAA (10ft) G2L5206PTAA (20ft)	6 pin mini-DIN Male PS/2 HDB-15 Male VGA	SPHD-15 Male (Custom, Yellow)	GCS1716, GCS1808 GCL1808, GCL1816
G2L5202UTAA (6ft) G2L5203UTAA (10ft) G2L5205UTAA (16ft)	USB A Type Male HDB-15 Male VGA	SPHD-15 Male (Custom, Green)	GCS1716, GCS1742, GCS1744, GCS1808
G2L7D02UDTAA (6ft) G2L7D03UDTAA (10ft) G2L7D05UDTAA (16ft)	USB A Type Male 3.5mm Audio / Mic Dual Link DVI-D Male	USB B Type Male 3.5mm Audio / Mic Dual Link DVI-D Male	GCS1212TAA, GCS1214TAA, GCS1208

CAC / PIV

GSR202
USB Common Access Card Reader

• Suitable for applications in government, healthcare, banking, entertainment, and secure network login

• Supports multiple Smart Card protocols and relevant industry standards for digital signage and secure personal identification

• FIPS-201 Compliant: Meets US Federal Information Processing Standard Publication 201

• EMV 2000 Level 1 approved and support 3V and 5V cards

• Designed for use with CAC software*

• ISO7816 implementation - Class A, B, and C (5V / 3V / 1.8V) Card

• USB 2.0 connection to increase reliability and ease of operation

*CAC Middleware is not included

Smart Card

Designed for Security and Accuracy

Smart Cards are the next generation of secure and user friendly identification, authentication & data storage solutions.

IOGEAR USB Smart Card Access Readers use a contact system where the card must be inserted directly into the card reader; this type of reader is less prone to misalignment and eliminates the possibility of being misread.

Smart Card Reader Usage

Government, healthcare, banking, and entertainment industries require secure logins / authentication to access information, sensitive data, or private areas. Smart Cards are the next step in this convenience and security.

• Government - Add an additional level of security to computers with sensitive information.

• Healthcare - Secure patient information by requiring smart card access of system terminals and computers.

• Banking - Protect your customers from unwanted data and monetary theft.

Support

Our CAC readers work with most Windows and Mac computers.

Mac

PC Compatible

FIPS-201 Compliant

Meets US Federal Information Processing Standard Publication.

GSA FIPS 201 APPROVED

CAC Software Info

http://www.militarycac.com/questions.htm

GSR202V
Vertical USB Common Access Card Reader

• Suitable for applications in government, healthcare, banking, entertainment, and secure network login

• FIPS-201 Compliant: Meets US Federal Information Processing Standard Publication 201

• EMV 2000 Level 1 approved and support 3V and 5V cards

• Designed for use with CAC software*

• ISO7816 implementation - Class A, B, and C (5V / 3V / 1.8V) Card

• USB 2.0 connection to increase reliability and ease of operation

*CAC Middleware is not included

GSR203
Portable Smart Card Reader

• Suitable for applications in government, healthcare, banking, entertainment, and secure network login

• Pocket-sized compact design with tuck-away USB cable for easy portability

• FIPS-201 Compliant: Meets US Federal Information Processing Standard Publication 201

• EMV 2000 Level 1 approved and support 3V and 5V cards

• Designed for use with CAC software*

• ISO7816 implementation - Class A, B, and C (5V / 3V / 1.8V) Card

• USB 2.0 connection to increase reliability and ease of operation

*CAC Middleware is not included

GKBSR201TAA
Keyboard w/ Built-in Common Access Card Reader

• Standard full size 104-key keyboard for fast typing

• FIPS-201 Compliant: Meets US Federal Information Processing Standard Publication 201

• EMV 2000 Certified: EMV 2000 Level 1 approved and suitable for banking / financial institutions

• Designed for use with CAC software*

• Suitable for applications in government, healthcare, banking, entertainment, and secure network login

• Power / scan LED indicators

*CAC Middleware is not included

Computer Accessories

GPSU21
USB 2.0 Print Server, 1 Port

• Easily connect your USB printer to a network

• Allows multiple computers to share one USB printer on the network

• Print from any computer on your network or from across the Internet

• Supports DHCP Client and multiple network protocols

• 10Base-T/100Base-T auto-sensing

• Supports Telnet and Web Management software

Accessories

IOGEAR's computer accessories provide the essential fundamentals to creating a smart and efficient workplace in the office or tactical environment.

Implementing strategies requires the right solutions to fill the total needs of any situation; large or small. Applying the latest in wired and wireless connectivity allows for flexibility and increased productivity for almost any given assignment. Control, connect, expand and consolidate with the right gear; IOGEAR.

SuperSpeed USB 3.0   HighSpeed USB 2.0   Bluetooth

GIC320U

2-Port SuperSpeed USB 3.0 PCI-Express Card

• 4 SuperSpeed USB 3.0 ports for easy expansion and super-fast connectivity

• Backwards compatible with USB 2.0 & 1.1

• Ten times faster than the current USB 2.0 specification

• Supports data transfer rate up to 5Gbps (SuperSpeed)

• LED indicator for USB port status

GUE2118

USB 2.0 Booster Extension Cable

• Built-in booster chipset - Amplifies Hi-Speed USB signals

• Daisy chain 3 GUE2118 to reach up to distance of 117ft

• USB 2.0 transfer rates of up to 480Mbps

• Compact size with patent pending secured lock mechanism

• Plug-and-Play, no drivers or power supply needed

• 39ft long
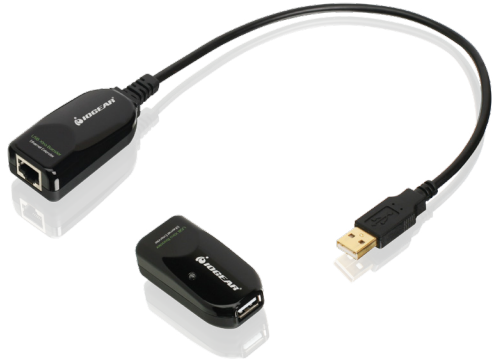
GUCE51

USB 1.1 Ethernet Extender – 198ft

• Extend USB connection through CAT5/5e or CAT6 cables

• Access a single USB device from up to 198ft away via Ethernet connection

• Fully compliant with USB 1.1, 1.0 standards

• Compact design, allows for easy placement

GUE310

USB 3.0 BoostLinq - 33ft

• 33ft USB 3.0 Type-A male to Type-A female SuperSpeed extension cable

• Built-in booster chipset amplifies USB 3.0 signals

• USB 3.0 transfer rates of up to 5Gbps

• Plug & Play design-no drivers or power supply needed

• Daisy chain up to 5 BoostLinqs to reach a maximum distance of 164ft*

• Backwards compatible with USB 2.0 and 1.1 devices

*Requires optional power supply

GUCE62
USB 2.0 BoostLinq Ethernet - 164ft

- Extend USB 2.0 connections over CAT5/5e or CAT6 cable
- Access a single USB device from up to 164 feet away via Ethernet connection
- Extremely easy to install, no software program needed
- Compact design, allows for easy placement
- Fully compliant with USB 2.0 and 1.1 standards
- For use with any USB compatible computer
- Includes Power Adapter

GCE611U
DVI USB Console Extender

- Access a DVI computer or DVI KVM installation from up to 200ft (60m) away
- Manual compensation control to adjust signal strength in order to compensate for distance
- RS-232 serial ports - connect to a serial terminal, or serial devices such as touchscreens and barcode scanners (supporting Baud Rate up to 115200bps)
- HDCP compliant
- Audio Enabled - supports stereo speakers and microphone

GKMB02
KeyShair - Bluetooth Keyboard/Mouse Sharing for Smartphones and Tablets

- Share your computer's keyboard and mouse* with up to 4 Bluetooth mobile devices for faster texting, emailing etc.
- Easily switch keyboard and mouse focus between devices via hotkeys
- Compatible with iPad®, iPhone®, Galaxy Tab® and most other smartphone/tablet devices
- Compatible with laptops and desktops
- Copy and paste information from PC to BT device
- Hotkey shortcut programming for iOS and Android functions

*Some mobile devices do not support mouse function, please consult your mobile device manufacturers for details.

GWHDMS52

Wireless 5x2 HD Matrix

• Wireless uncompressed Full HD video up to 100ft through standard home walls for 2 HDTV's

• Built in 5x2 Matrix - Play content from a computer in a conference room while the front lobby wirelessly displays cable TV at the same time.

• Supports 2 HDTVs - Delivers separate content to 2 locations at the same time:
  - Conference room 1 can connect to transmitters loop-through (local) port*
  - Lobby HDTV can receive content from wireless receiver

• Connect and wirelessly transmit content from your Blu-ray / DVD player, DVR / Cable box, Game console, Computer / Laptop and media player

• Great for Education, Office, Boardrooms, Conference Rooms and Commercial

• Video Resolutions: 480p, 720p, 1080i, 1080p and 3D (24/30/60fps)

• HDMI® Inputs / Outputs :

Transmitter	Receiver
4 x HDMI in, 1 x Component in 1 x USB in, 1 x HDMI out	1 x HDMI output 1 x USB out

*Addtional transmitter available: part# GWHDSTX
Note: Distances may vary depending on environment; solid objects such as steel, concrete and brick may view shorter distances

Audio / Video

IOGEAR Audio/Video solutions parallel today's growing convergence by creating a convenient relationship between computer and consumer electronics. Designed for education, government, office, boardroom, conference room and digital signage.

Developments in high quality Cat 5e/6, DVI, HDMI, VGA, extenders, switchers, splitters, matrix, adapters, cables and wireless technology expands the scope with new trends in an evolving A/V culture.

IOGEAR A/V solutions prove to the end-users, corporate, installers and developers the simple ease of use of connectivity and system / electronics integration.

HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE

GWHDMS52MB
Long Range Wireless 5x2 HD Video Matrix Pro

• Multicast up to 5 HDTVs – Send content up to 5 locations at the same time (4 wireless)*

• Wireless uncompressed Full HD video up to 200ft through standard home walls (Distances may vary depending on environment)

• Allows you to switch and independently select any of 5 sources between 2 HDTVs

*Additional receiver available: part# GWHDRX01

GHSP8214E / GHSP8218E
4/8-Port HDMI Cat5e/6 Splitter

• Distribute a single HDMI media source up to 4/8 HDMI displays over Cat5e/6 cables up to 196ft

• Connect with HDMI Cat 5e/6 Audio/Video Receiver (Part No: GH8201ER)

• Works with DVR / Set-top boxes, Blu-ray / DVD players, media servers, computers, and many more

• High resolution support:1080p up to 130ft; 1080i up to 196ft

GW3DHDKIT
Wireless HD Digital Kit

• Wireless HD audio/video streaming up to 100ft* away through standard home walls (Distances may vary depending on environment)

• 2 HDTV set-up - Share your HD content in a second location at the same time

• Connect and transmit wireless video content from your Blu-ray / DVD player and DVR / Cable box turning your HDTV into a wireless TV

GHSW8242
HDMI Switch Splitter with RS-232 Support

• Connects up to 4 HDMI Devices and splits any one source between 2 HDTVs

• Separate audio outputs for connection to A/V receiver: Digital audio out with a TOSlink and Coaxial port

• Analog audio out with RCA output

• Supports high-resolution video: HDTV resolution of 480p, 720p, 1080i and 1080p (1920x1080)

GE1337P
KeyMander - Controller Emulator for use with Game Consoles

• Keymander supports XBOX® One, XBOX® 360 and Playstation® 3 gaming consoles*

• Use the control and precision accuracy of your Keyboard / Mouse for the ultimate gaming experience

• Great for First Person Shooter, Role Playing Games and Real Time Strategy games

*Free Keymander firmware download for use on any of listed consoles above

GHMS8044
4x4 HDMI Matrix Switch with RS-232

• Switch between 4 different HDMI® media sources among 4 different HDTVs or displays

• Full HD 1080p and 3D support

• Supports both crossing switching and mirror mode of connected HDMI devices

• Professional control via RS-232 port, IR remote and front panel pushbuttons

• HDCP compliant

IOGEAR®

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TAA Catalog

Full Catalog