

GCS1418TAA4C

8-Port Single View DisplayPort Secure KVM Switch w/Audio and CAC Support



8-Port Single View DisplayPort Secure KVM with Audio and CAC Protection Profile v4.0

Secure and manage multiple data-sensitive systems from one workstation from internal and external cybersecurity threats with the TAA-compliant IOGEAR 8-Port Single View DisplayPort Secure KVM with Audio and CAC Protection Profile v4.0. Enable authorized users secure access to up to four systems with one keyboard, mouse, a 4K @30Hz monitor and dedicated common access card (CAC) reader port.

Featuring the latest in Common Criteria and NIAP Protection Profile v4.0 security requirements set for the U.S. government for peripheral sharing switches, the secure KVM switches are built for multiple interfaces and ideal for use in high-security environments that demand rigorous cybersecurity provisions including military and defense, federal agencies, government, utilities, commercial and healthcare applications.

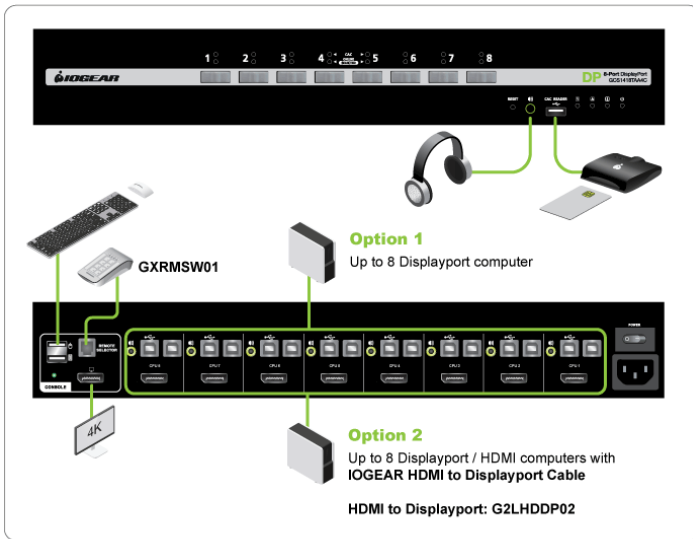
- NIAP-Certified PP4.0
Validated to Protection Profile for Peripheral Sharing Device v4.0
- CAC & Biometrics Support
Dedicated peripheral port for authorized CAC readers only and supported Biometrics readers¹
- 8-Port Single View DisplayPort Secure KVM Switch
One USB console controls 8 secure computers on 1 display
- Superior 4K UHD Video Resolution

UHD Resolution: 3840 x 2160 @30Hz
- Port Selection via Push-Button and Remote Port Selector** for Enhanced Security
Keyboard restrictions - OSD & hotkey methods are not allowed
- Isolated Channel per Port
Unidirectional data flow restricts data leakage between connected computers
- Active Chassis Intrusion Detection
Compromising the unit's cover renders the switch inoperable
- Tamper-Evident Seals
Visually detect attempts to gain access to switch's internal components
- Tamper-Proof Hardware
Integrated circuits are soldered directly onto the circuit board to hinder component sabotage
- Non-Reprogrammable Firmware
Prevents tampering and attempts to reprogram the switch's firmware
- Clears Keyboard Buffer
Data clears automatically after transmission to switch and resets
- Analog Speaker Support
- Secure audio data input does not convert digital audio to analog audio
- Multiplatform Support
Windows® 2000, Vista, 7, 8, 8.1, 10, 11 Linux, Mac OS X, & Sun
- Rugged Metal Enclosure
Durable, Full Metal Chassis
- Build-In, Internal Power Supply

¹Compatible with Microsoft® LifeCam HD-3000 and Microsoft Fingerprint Reader. Please contact your Administrator for CAC and Biometric Reader authorization.

** Remote Port Selector sold separately





Requirements

Package Contents

Console

- DisplayPort monitor capable of the highest resolution that you will be using on any computer in the installation
- Standard 104-key wired USB keyboard
- Standard 2 or 3 button wired USB mouse
- Speaker (optional)
- USB Smart card or CAC (Common Access Card) reader (Optional)

- 1x GCS1418TAA4C
- 1x Power Cord
- 1x User Guide
- 1x Warranty Card

Computers

- 1 x DisplayPort Video output connector
- A USB Type A port for keyboard and mouse
- A USB Type A port for Smart Card or CAC reader (Optional)
- A 3.5mm jack Audio port for speaker (Optional)

Operating Systems

- Win 7, 8, 10, 11
- Linux: Kernel2.6+, RedHat v6.0+, SuSE v8.2+ Mandriva(Mandrake) v9.0+
- Unix: AIX v4.3, FreeBSD v3.51+, Sun Solaris v9.0+
- Novell Netware v5.0+Mac OS v9+
- DOS v6.2+

Specifications

Function	GCS1418TAA4C	Dimensions	GCS1418TAA4C
Computer Connections		Unit Package Dimensions	
Direct	8	Height	12.75 in
Port Selection		Length	19.75 in
Pushbutton or Remote Port Selector		Width	5.25 in
Console Connectors		Master Carton	
Monitor	1 x DisplayPort	Height	14.25 in
Keyboard	USB Type-A	Length	20.5 in
Mouse	USB Type-A	Width	17 in
Audio	3.5mm Mini Stereo Jack Female	Master Carton Qty.	3
CAC	1x USB Type-A Female	Weight	
CPU Connectors		Master Carton Wt.	27.65 lb.
Monitor	8 x DisplayPort Female	Unit Pack Wt.	8.5 lb.
Keyboard & Mouse	8 x USB Type-B Female		
Audio	8 x 3.5 Mini Stereo Jack Female		
CAC	8 x USB Type-B Female		
Switches			
Port Selection	8 x Pushbuttons		
Reset	1 x Semi-recessed Pushbutton		
Power	1x Rocker		
LEDs			
On Line	8 x Orange		
Selected	8 x Orange		
CAC	8 x Green		
Power On	1 x Green		
Key Lock	3 x Green		
Console Video	1 x Green		
Emulation			
Keyboard	USB		
Mouse	USB		
Video Resolution			
Up to 3840 x 2160@30Hz (UHD)			
Power			
Input Rating	100 - 240V, 50 - 60Hz; 1A		
Environment			
Operation Temperature	0 - 50C		
Storage Temperature	-20 - 60C		
Humidity	0 - 80% RH, Non-condensing		
Housing			
Case	Metal		