

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.

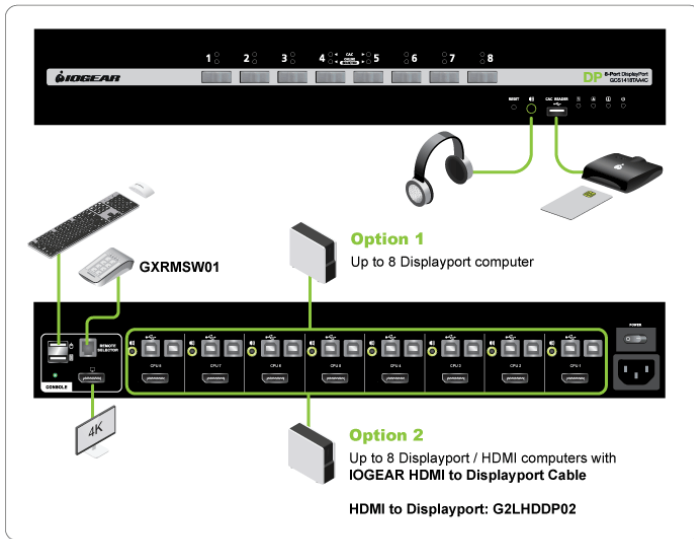
Featuring the latest in Common Criteria and NIAP Protection Profile v4.0 security requirements set for the U.S. government for peripheral sharing switches, the secure KVM switches are built for multiple interfaces and ideal for use in high-security environments that demand rigorous cybersecurity provisions 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 readers<sup>1</sup>
- **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**

<sup>1</sup>Compatible 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

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

### 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
<b>Computer Connections</b>	
Direct	8
<b>Port Selection</b>	Pushbutton or Remote Port Selector

<b>Console Connectors</b>	
Monitor	1 x DisplayPort
Keyboard	USB Type-A
Mouse	USB Type-A
Audio	3.5mm Mini Stereo Jack Female
CAC	1x USB Type-A Female

<b>CPU Connectors</b>	
Monitor	8 x DisplayPort Female
Keyboard & Mouse	8 x USB Type-B Female
Audio	8 x 3.5 Mini Stereo Jack Female
CAC	8 x USB Type-B Female

<b>Switches</b>	
Port Selection	8 x Pushbuttons
Reset	1 x Semi-recessed Pushbutton
Power	1x Rocker

<b>LEDs</b>	
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

<b>Emulation</b>	
Keyboard	USB
Mouse	USB

<b>Video Resolution</b>	Up to 3840 x 2160@30Hz (UHD)
-------------------------	------------------------------

<b>Power</b>	
Input Rating	100 - 240V, 50 - 60Hz; 1A

<b>Environment</b>	
Operation Temperature	0 - 50C
Storage Temperature	-20 - 60C
Humidity	0 - 80% RH, Non-condensing

<b>Housing</b>	
Case	Metal

Dimensions	GCS1418TAA4C
<b>Unit Package Dimensions</b>	
Height	12.75 in
Length	19.75 in
Width	5.25 in

<b>Master Carton</b>	
Height	14.25 in
Length	20.5 in
Width	17 in
Master Carton Qty.	3

<b>Weight</b>	
Master Carton Wt.	27.65 lb.
Unit Pack Wt.	8.5 lb.