

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



Specifications

Function	GCS1418TAA4C
Computer Connections	
Direct	8
Port Selection	Pushbutton or Remote Port Selector

Console Connectors	
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

CPU Connectors	
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

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)
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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

Dimensions		GCS1418TAA4C
Unit Package Dimensions		
Height		12.75 in
Length		19.75 in
Width		5.25 in

Master Carton	
Height	14.25 in
Length	20.5 in
Width	17 in
Master Carton Qty.	3

Weight	
Master Carton Wt.	27.65 lb.
Unit Pack Wt.	8.5 lb.