

GCS1224TAA4C

# 4-Port Dual View DVI Secure KVM Switch w/Audio and CAC Support



- **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>
- **4-Port Dual View DVI Secure KVM Switch**  
One USB console controls 4 secure computers on 2 displays
- **Superior DVI Dual Link Video Resolution**

DVI Dual Link Resolution: 2560 x 1600 @60Hz

- **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

## 4-Port Dual View DVI 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 4-Port Dual View DVI Secure KVM with Audio and CAC Protection Profile v4.0. Enable authorized users secure access to up to four systems with one keyboard, mouse, up to two 2560x1600 @60Hz monitors 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>
- 4-Port Dual View DVI Secure KVM Switch  
One USB console controls 4 secure computers on 2 displays
- Superior DVI Dual Link Video Resolution

DVI Dual Link Resolution: 2560 x 1600 @60Hz

- 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  
Data clears automatically after transmission to switch and resets
- 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

- DVI monitors 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 GCS1224TAA4C
- 1x Power Cord
- 1x User Guide
- 1x Warranty Card

### Computers

- 2 x DVI Video output connectors
- 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	GCS1224TAA4C
<b>Computer Connections</b>	
Direct	4
<b>Port Selection</b>	Pushbutton or Remote Port Selector
<b>Console Connectors</b>	
Monitor	2 x DVI-I Dual Link Female(White)
Keyboard	1 x USB Type-A Female (Black)
Mouse	1 x USB Type-A Female (Black)
Audio	1 x Mini Stereo 3.5mm Jack Female (Green)
CAC	1x USB Type-A Female
<b>CPU Connectors</b>	
Monitor	8 x DVI-I Dual Link Female (White)
Keyboard & Mouse	4 x USB Type-B Female (White)
Audio	4 x Mini Stereo 3.5mm Jack Female (Green)
CAC	4 x USB Type-B Female
<b>LEDs</b>	
On Line	4 x Orange
Selected	4 x Orange
CAC	4 x Green
Power On	1 x Green
Key Lock	3 x Green
Console Video	2 x Green
<b>Emulation</b>	
Keyboard	USB
Mouse	USB
<b>Video Resolution</b>	Up to 2560 x 1600
<b>Power</b>	
Amps	1A
Voltage	100 ~240V, 50 ~ 60 Hz
<b>Environment</b>	
Operation Temperature	0 - 50C
Storage Temperature	-20 - 60C
Humidity	0 - 80% RH, Non-condensing
<b>Housing</b>	
Case	Metal

Dimensions	GCS1224TAA4C
<b>Unit Package Dimensions</b>	
Height	9.5 in. (24.1 cm)
Length	5.25in. (13.3 cm)
Width	21.25 in. (53.9 cm)
<b>Master Carton</b>	
Height	10.25 in (26.0 cm)
Length	16.75 in. (42.5 cm)
Width	22 in. (55.9 cm)
Master Carton Qty.	3
<b>Weight</b>	
Master Carton Wt.	22.05 lb. (10.0 kg)
Unit Pack Wt.	6.65 lb. (3.0 kg)