

GCS1222TAA3

# 2-Port Dual View Dual-Link DVI Secure KVM Switch (TAA)



- NIAP-Certified PP3.0  
Validated to Protection Profile v3.0 for Peripheral Sharing Switches
- CAC & Biometrics Support  
Dedicated peripheral port for authorized CAC readers only and supported Biometrics readers<sup>1</sup>
- 2-Port Dual View Dual-Link DVI Secure KVM Switch  
One USB console controls 2 secure computers on 2 displays

## 2-Port Dual Monitor Secure DVI KVM Computer Switch - Protection Profile 3.0

IOGEAR's 2-Port Dual View Dual-Link DVI Secure KVM Switch is NIAP-certified and compliant with PP3.0 (Protection Profile for Peripheral Sharing Switch version 3.0) requirements, satisfying the latest security requisites set by the U.S. Department of Defense for peripheral sharing switches.

Common criteria compliance ensures maximum information security while sharing a single set of approved HID's - keyboards, mice, speakers, CAC readers, and Microsoft Biometric Readers - between multiple computers. Conformity with Protection Profile v3.0 certifies that non-approved USB peripherals will be rejected and cannot be connected to the Secure KVM, providing high-level security, protection, and data safekeeping.

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- 2-Port Dual View Dual-Link DVI Secure KVM Switch  
One USB console controls 2 secure computers on 2 displays
- Superior 4K UHD Video Resolution
- Dual-Link Resolution: 2560 x 1600; 4K UHD Resolution: 3840 x 2160 @30Hz<sup>2</sup>
- Port Selection via Push-Button 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, 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

<sup>2</sup>IOGEAR Dual-Link DVI Secure KVM Switch series supports 3840 x 2160 @30Hz video output on compatible 4K HDMI-interfaced monitors and/or computers used with IOGEAR's HDMI-to-DVI KVM cables





### Requirements

### Package Contents

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|---|--|
| <ul style="list-style-type: none"> <li>• <b>Console</b></li> <li>• DVI monitors capable of the highest resolution that you will be using on any computer in the installation</li> <li>• Standard 104-key wired USB or PS/2 keyboard</li> <li>• Standard 2 or 3 button wired USB or PS/2 mouse</li> <li>• Speaker (optional)</li> <li>• USB Smart card or CAC (Common Access Card) reader (Optional)</li> <li>•</li> <li>• <b>Computers</b></li> <li>• 2 x DVI Video output connectors</li> <li>• A USB Type A port for keyboard and mouse</li> <li>• A USB Type A port for Smart Card or CAC reader (Optional)</li> <li>• A 3.5mm jack Audio port for speaker (Optional)</li> <li>•</li> <li>• <b>Cables</b></li> <li>• Do not attach cables that has microphone or line-in audio input</li> <li>•</li> <li>• <b>Operating Systems</b></li> <li>• Windows 2000, Windows Vista, Windows 7, Windows 8, Windows 8.1, Windows 10</li> <li>• Linux: Kernel 2.6+, RedHat v6.0+, SuSE v8.2+, Mandriva (Mandrake) v9.0+</li> <li>• UNIX: AIX v4.3+, FreeBSD v3.51+, Sun Solaris v9+</li> <li>• Novell Netware v5.0+</li> <li>• Mac OS v9+</li> <li>• DOS v6.2+</li> </ul> | <ul style="list-style-type: none"> <li>• 1 x 2-Port Dual View Dual-Link DVI Secure KVM Switch</li> <li>• 1 x Power Cord</li> <li>• 1 x Manual</li> <li>• 1 x Warranty</li> </ul> |
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## Specifications

Function	GCS1222TAA3	Dimensions	GCS1222TAA3
<b>Computer Connections</b>		<b>Unit Dimensions</b>	
Direct	2	Height	2.58" (6.5cm)
<b>Console Connection</b>		Length	13.19" (33.5cm)
<b>Port Selection</b>		Depth	6.42" (16.3cm)
<b>Console Connectors</b>		<b>Unit Package Dimensions</b>	
Monitor	2 x DVI Female (Black)	Height	9.5" (23.18cm)
Keyboard	1 x 6-pin Mini-DIN Female (Purple); 1 x USB Type-A Female (Black)	Width	21" (53.34cm)
Mouse	1 x 6-pin Mini-DIN Female (Green); 1 x USB Type-A Female (Black)	Depth	5.25" (13.34cm)
Audio	1 x Mini Stereo 3.5mm Jack Female (Green)	<b>Master Carton</b>	
Microphone	N/A	Height	10.5" (26.67cm)
CAC	1 x USB Type-A Female (Black)	Width	21.75" (55.25cm)
<b>CPU Connectors</b>		Depth	17" (43.18cm)
Monitor	4 x DVI Female (Black)	Master Carton Qty.	3
Keyboard & Mouse	2 x USB Type-B Female (White)	<b>Weight</b>	
Audio	2 x Mini Stereo 3.5mm Jack Female (Green)	Master Carton Wt.	19.1lb (8.68kg)
Microphone	N/A	Unit Pack Wt.	6.20lb (2.82kg)
CAC	2 x USB Type-B Female (White)	Unit Wt.	4.45lb (2.02kg)
<b>Switches</b>			
F/W Upgrade	N/A		
Port Selection	2 x Pushbuttons		
Reset	1 x Semi-recessed Pushbutton		
Power	1 x Rocker		
<b>LEDs</b>			
On Line	2 x Orange		
Selected	2 x Orange		
CAC	2 x Green		
Power On	1 x Blue		
Key Lock	3 x Blue (Num Lock, Caps Lock, Scroll Lock)		
Console Video	2 x Green (Rear Panel)		
<b>Emulation</b>			
Keyboard	USB		
Mouse	USB		
<b>Video Resolution</b>			
3840 x 2160 @ 30Hz (with compatible 4K HDMI monitor and/or sources); 2560 x 1600 DVI Dual-Link; 1920 x 1200 DVI Single-Link; 2048 x 1536 DVI-A			
<b>Scan Interval</b>			
N/A			
<b>Power</b>			
Amps			
Voltage	100 - 240V, 50 - 60Hz		
<b>Environment</b>			
Operation Temperature	0 - 50C		
Storage Temperature	-20 - 60C		
Humidity	0 - 80% RH, Non-condensing		

Case

Metal