

GCS1228TAA3

8-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 readers¹
- **8-Port Dual View Dual-Link DVI Secure KVM Switch**
One USB console controls 8 secure computers on 2 displays
- Superior 4K UHD Video Resolution

[Secure KVM Switch Series PP3.0 Flyer](#)

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

IOGEAR's 8-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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| <ul style="list-style-type: none"> • 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 readers¹ • 8-Port Dual View Dual-Link DVI Secure KVM Switch
One USB console controls 8 secure computers on 2 displays • Superior 4K UHD Video Resolution • Dual-Link Resolution: 2560 x 1600; 4K UHD Resolution: 3840 x 2160 @30Hz² • 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 | <ul style="list-style-type: none"> • 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 |
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¹Compatible with Microsoft® LifeCam HD-3000 and Microsoft Fingerprint Reader

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

Function	GCS1228TAA3	Dimensions	GCS1228TAA3
Computer Connections		Unit Dimensions	
Direct	8	Height	2.75" (6.985cm)
Port Selection		Length	17" (43.18cm)
	Pushbutton	Depth	8" (20.32cm)
Console Connectors		Unit Package Dimensions	
Monitor	2 x DVI Female (Black)	Height	12.75" (32.38cm)
Keyboard	1 x 6-pin Mini-DIN Female (Purple); 1 x USB Type-A Female (Black)	Width	19.75" (50.16cm)
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)	Master Carton	
Microphone	N/A	Height	14" (35.56cm)
CAC	1 x USB Type-A Female (Black)	Width	20.25" (51.44cm)
CPU Connectors		Depth	17.25" (43.82cm)
Monitor	16 x DVI Female (Black)	Master Carton Qty.	3
Keyboard & Mouse	8 x USB Type-B Female (White)	Weight	
Audio	8 x Mini Stereo 3.5mm Jack Female (Green)	Master Carton Wt.	27.8lb (12.6kg)
Microphone	N/A	Unit Pack Wt.	9.10lb (4.14kg)
CAC	8 x USB Type-B Female (White)	Unit Wt.	7.15lb (3.25kg)
Switches			
F/W Upgrade	N/A		
Port Selection	8 x Pushbuttons		
Reset	1 x Semi-recessed Pushbutton		
Power	1 x Rocker		
LEDs			
On Line	8 x Orange		
Selected	8 x Orange		
CAC	8 x Green		
Power On	1 x Blue		
Key Lock	3 x Green (Num Lock, Caps Lock, Scroll Lock)		
Console Video	2 x Green (Rear Panel)		
Emulation			
Keyboard	USB		
Mouse	USB		
Scan Interval			
	N/A		
Power			
Amps			
Voltage	100 - 240V, 50 - 60Hz		
Environment			
Operation Temperature	0 - 50C		
Storage Temperature	-20 - 60C		
Humidity	0 - 80% RH, Non-condensing		
Housing			
Case	Metal		
Video Resolution			
	3840 x 2160 @ 30Hz (with compatible 4K HDMI monitor and/or sources); 2560 x 1600		

at Home at Work on-the-Go

