

GCS1418TAA3

8-Port DisplayPort 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*
- 8-Port DisplayPort Secure KVM Switch
One USB console controls 8 secure computers

8-Port Secure DisplayPort KVM Computer Switch - Protection Profile 3.0

IOGEAR's 8-Port DisplayPort 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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Dedicated peripheral port for authorized CAC readers only and supported Biometrics readers*
- 8-Port DisplayPort Secure KVM Switch
One USB console controls 8 secure computers
- Superior 4K UHD Video Resolution
- UHD Resolution: 3840 x 2160 @30Hz
- 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

*Compatible with Microsoft® LifeCam HD-3000 and Microsoft Fingerprint Reader





Requirements

Package Contents

- **Console**
- DisplayPort monitor 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**
- A 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)
- **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+

- 1 x 8-Port Single View DisplayPort Secure KVM Switch
- 1 x Power Cord
- 1 x Manual
- 1 x Warranty

Specifications

Computer Connections		Unit Dimensions	
Direct	8	Height	2.75" (6.99cm)
Console Connection	1 Direct	Depth	7.75" (19.69cm)
Port Selection	Pushbutton	Length	17" (43.24cm)
Console Connectors		Unit Package Dimensions	
Monitor	1 x HDMI Female (Black)	Width	19.75" (50.16cm)
Keyboard	1 x 6-pin Mini-DIN Female (Purple); 1 x USB Type-A Female (Black)	Height	12.75" (32.39cm)
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	Width	20.5" (52cm)
CAC	1 x USB Type-A Female (Black)	Height	14.25" (36.2cm)
CPU Connectors		Depth	17.25" (43.8cm)
Monitor	8 x DisplayPort Female (White)	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.	25.4lb (11.55kg)
Microphone	N/A	Unit Pack Wt.	8.3lb (3.77kg)
CAC	8 x USB Type-B Female (White)	Unit Wt.	6.23lb (2.83kg)
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	1 x Green (Rear Panel)		
Emulation			
Keyboard	USB		
Mouse	USB		
Video Resolution	Max. 3840 x 2160 @30Hz (UHD)		
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		