

GCS1428TAA3

8-Port Dual View 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 Dual View DisplayPort Secure KVM Switch**
One USB console controls 8 secure computers on 2 displays

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

IOGEAR's 8-Port Dual View 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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- **CAC & Biometrics Support**
Dedicated peripheral port for authorized CAC readers only and supported Biometrics readers*
- **8-Port Dual View DisplayPort Secure KVM Switch**
One USB console controls 8 secure computers on 2 displays
- **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

- | | |
|---|--|
| <ul style="list-style-type: none"> • Console • HDMI 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 DisplayPort 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 DisplayPort Secure KVM Switch • 1 x Power Cord • 1 x Manual • 1 x Warranty |
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Specifications

Function	GCS1428TAA3	Dimensions	GCS1428TAA3
Computer Connections		Unit Dimensions	
Direct	8	Height	2.75" (6.99cm)
Console Connection		Depth	7.75" (19.69cm)
Port Selection		Length	17" (43.24cm)
Console Connectors		Unit Package Dimensions	
Monitor	2 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	16 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.	27.2lb (12.36kg)
Microphone	N/A	Unit Pack Wt.	8.9lb (4.05kg)
CAC	8 x USB Type-B Female (White)	Unit Wt.	6.9lb (3.13kg)
Switches			
FW 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		
Video Resolution			
Max. 3840 x 2160 @30Hz (UHD), 2560 x 1600 @60Hz, 1920 x 1200 @60Hz, 1920 x 1080 @75Hz			
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			



Case

Metal