

GCS1428TAA4C-UN

8-Port Dual View DisplayPort/HDMI Universal Secure KVM Switch w/Audio and CAC Support



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Secure and manage multiple data-sensitive systems from one workstation from internal and external cybersecurity threats with the TAA-compliant IOGEAR 8-Port Dual View DisplayPort/HDMI Universal Secure KVM Switch Kit w/Audio and CAC Support. Enable authorized users secure access to up to four systems with one keyboard, mouse, up to two 4K @30Hz 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 readers¹
 - 8-Port Dual View DisplayPort/HDMI Secure KVM Switch
One USB console controls 8 secure computers on 2 displays
 - Superior 4K UHD Video Resolution

UHD Resolution: 3840 x 2160 @30Hz
 - Multiple Video Interface Support

Support DisplayPort and HDMI video interfaces
 - 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
- ¹Compatible 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

Console

- DisplayPort or HDMI monitor 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)

Computers

- 2 x DisplayPort or HDMI 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)

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+

Package Contents

- 1x 8-port Dual view DP Secure KVM with CAC
- 1x Power Cord
- 2x DP to HDMI Adapter (GDPHD4KA)
- 16x 6ft. HDMI to DP cable (G2LHDDP02)
- 8x 6ft. Dual View DP to DP KVM cable set(G2L9202UTAA3)
- 1x User Guide
- 1x Warranty Card

Specifications

Function	GCS1428TAA4C-UN	Dimensions	GCS1428TAA4C-UN
Computer Connections		Unit Package Dimensions	
Direct	8	Height	5.25 in
Port Selection	Pushbutton or Remote Port Selector	Length	12.75 in
Console Connectors		Width	19.75 in
Monitor	2 x DisplayPort / HDMI	Master Carton	
Keyboard	USB Type-A	Height	14.2 in
Mouse	USB Type-A	Length	20.5 in
Audio	3.5mm Mini Stereo Jack Female	Width	17 in
CAC	1x USB Type-A Female	Master Carton Qty.	3
CPU Connectors		Weight	
Monitor	16 x DisplayPort / HDMI	Master Carton Wt.	42 lb.
Keyboard & Mouse	8 x USB Type-B Female	Unit Pack Wt.	13.2 lb.
Audio	8 x 3.5 Mini Stereo Jack Female		
CAC	8 x USB Type-B Female		
Switches			
Port Selection	8 x Pushbuttons		
Reset	1 x Semi-recessed Pushbutton		
Power	1x Rocker		
LEDs			
On Line	8 x Orange		
Selected	8 x Orange		
CAC	8 x Green		
Power On	1 x Green		
Key Lock	3 x Green		
Console Video	2 x Green		
Emulation			
Keyboard	USB		
Mouse	USB		
Video Resolution	Up to 3840 x 2160@30Hz (UHD)		
Power			
Input Rating	100 - 240V, 50 - 60Hz; 1A		
Environment			
Operation Temperature	32-120F (0 - 50C)		
Storage Temperature	-4-144F (-20 - 60C)		
Humidity	0 - 80% RH, Non-condensing		
Housing			
Case	Matel		