GCS1428TAA4C-UN

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



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

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 readers[1]
- 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

[1]Compatible 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)

Operting 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 GCS1428TAA4C
- 1x Power Cord
- 2x DP to HDMI Adapter
- 16x 6ft. HDMI to DP cable
- 1x User Guide
- 1x Warranty Card

Specifications

Function	GCS1428TAA4C-UN
Computer Connections	
Direct	8
Port Selection	Pushbutton or Remote Port Selector
Console Connectors	
Monitor	2 x DisplayPort / HDMI
Keyboard	USB Type-A
Mouse	USB Type-A
Audio	3.5mm Mini Stereo Jack Female
CAC	1x USB Type-A Female
CPU Connectors	
Monitor	16 x DisplayPort / HDMI
Keyboard & Mouse	8 x USB Type-B Female
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

Dimensions	GCS1428TAA4C-UN
Unit Package Dimensions	
Height	5.25 in
Length	12.75 in
Width	19.75 in
Master Carton	
Height	14.2 in
Length	20.5 in
Width	17 in
Master Carton Qty.	3
Weight	
Master Carton Wt.	42 lb.
Unit Pack Wt.	13.2 lb.