

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 readers<sup>1</sup>
  - 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
- <sup>1</sup>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

## Package Contents

### 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)

- 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

### 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+

## Specifications

| Function                    | GCS1428TAA4C-UN                    | Dimensions                     | GCS1428TAA4C-UN |
|-----------------------------|------------------------------------|--------------------------------|-----------------|
| <b>Computer Connections</b> |                                    | <b>Unit Package Dimensions</b> |                 |
| Direct                      | 8                                  | Height                         | 5.25 in         |
| <b>Port Selection</b>       | Pushbutton or Remote Port Selector | Length                         | 12.75 in        |
| <b>Console Connectors</b>   |                                    | Width                          | 19.75 in        |
| Monitor                     | 2 x DisplayPort / HDMI             | <b>Master Carton</b>           |                 |
| 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               |
| <b>CPU Connectors</b>       |                                    | <b>Weight</b>                  |                 |
| 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              |                                |                 |
| <b>Switches</b>             |                                    |                                |                 |
| Port Selection              | 8 x Pushbuttons                    |                                |                 |
| Reset                       | 1 x Semi-recessed Pushbutton       |                                |                 |
| Power                       | 1x Rocker                          |                                |                 |
| <b>LEDs</b>                 |                                    |                                |                 |
| 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                          |                                |                 |
| <b>Emulation</b>            |                                    |                                |                 |
| Keyboard                    | USB                                |                                |                 |
| Mouse                       | USB                                |                                |                 |
| <b>Video Resolution</b>     | Up to 3840 x 2160@30Hz (UHD)       |                                |                 |
| <b>Power</b>                |                                    |                                |                 |
| Input Rating                | 100 - 240V, 50 - 60Hz; 1A          |                                |                 |
| <b>Environment</b>          |                                    |                                |                 |
| Operation Temperature       | 32~120F (0 - 50C)                  |                                |                 |
| Storage Temperature         | -4~144F (-20 - 60C)                |                                |                 |
| Humidity                    | 0 - 80% RH, Non-condensing         |                                |                 |
| <b>Housing</b>              |                                    |                                |                 |
| Case                        | Matel                              |                                |                 |