

GCS1428TAA4C

8-Port Dual View DisplayPort Secure KVM Switch W/ CAC and Audio



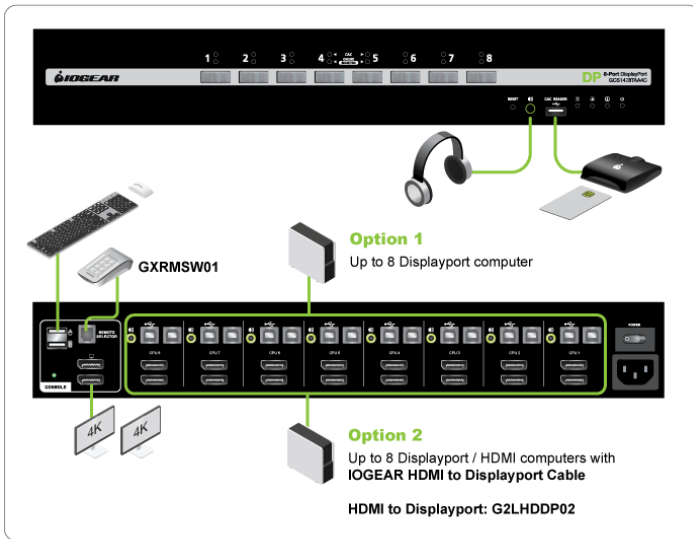
8-Port Dual View DisplayPort Secure KVM with Audio and CAC Protection Profile v4.0

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 Secure KVM with Audio and CAC Protection Profile v4.0. Enable authorized users secure access to up to four systems with one keyboard, mouse, up to two 4K 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 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 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

Package Contents

Console

- DisplayPort monitors 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 GCS1428TAA4C
- 1x Power Cord
- 1x User Guide
- 1x Warranty Card

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)

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 |
|-----------------------------|------------------------------------|
| Computer Connections | |
| Direct | 8 |
| Port Selection | Pushbutton or Remote Port Selector |
| Console Connectors | |
| Monitor | 2 x DisplayPort Female |
| 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 Female |
| 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 | 0 - 50C |
| Storage Temperature | -20 - 60C |
| Humidity | 0 - 80% RH, Non-condensing |
| Housing | |
| Case | Metal |

| Dimensions | GCS1428TAA4C |
|--------------------------------|--------------|
| 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. | 29.7 lb. |
| Unit Pack Wt. | 9.05 lb. |