

GCS1428TAA4C

GCS1428TAA4C



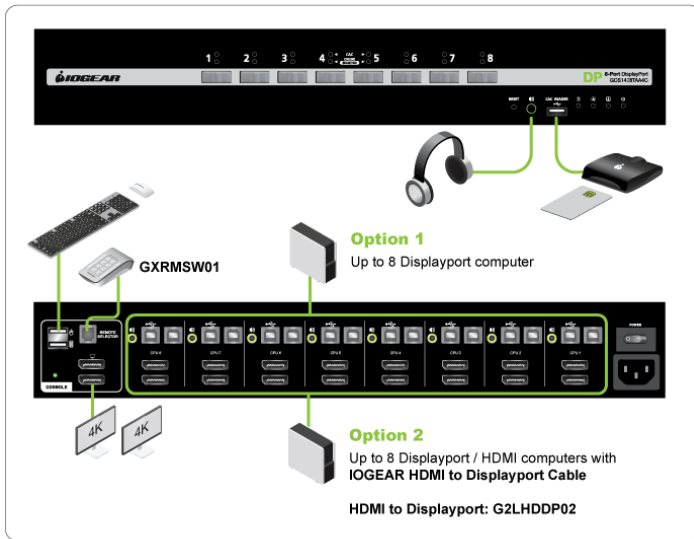
8-Port Dual View DisplayPort Secure KVM with Audio and CAC Protection Profile v4.0

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.