

GCS1418TAA3

## 8-Port DisplayPort Secure KVM Switch (TAA)



- NIAP-Certified PP3.0  
Validated to Protection Profile v3.0 for Peripheral Sharing Switches
- CAC & Biometrics Support  
Dedicated peripheral port for authorized CAC readers only and supported Biometrics readers\*
- 8-Port DisplayPort Secure KVM Switch  
One USB console controls 8 secure computers

### 8-Port Secure DisplayPort KVM Computer Switch - Protection Profile 3.0

IOGEAR's 8-Port DisplayPort Secure KVM Switch is NIAP-certified and compliant with PP3.0 (Protection Profile for Peripheral Sharing Switch version 3.0) requirements, satisfying the latest security requisites set by the U.S. Department of Defense for peripheral sharing switches.

Common criteria compliance ensures maximum information security while sharing a single set of approved HID's - keyboards, mice, speakers, CAC readers, and Microsoft Biometric Readers - between multiple computers. Conformity with Protection Profile v3.0 certifies that non-approved USB peripherals will be rejected and cannot be connected to the Secure KVM, providing high-level security, protection, and data safekeeping.

- NIAP-Certified PP3.0  
Validated to Protection Profile v3.0 for Peripheral Sharing Switches
- CAC & Biometrics Support  
Dedicated peripheral port for authorized CAC readers only and supported Biometrics readers\*
- 8-Port DisplayPort Secure KVM Switch  
One USB console controls 8 secure computers
- Superior 4K UHD Video Resolution
- UHD Resolution: 3840 x 2160 @30Hz
- Port Selection via Push-Button 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, Linux, Mac OS X, & Sun
- Rugged Metal Enclosure  
Durable, Full Metal Chassis
- Build-In, Internal Power Supply

\*Compatible with Microsoft® LifeCam HD-3000 and Microsoft Fingerprint Reader





**Requirements**

**Package Contents**

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| <ul style="list-style-type: none"> <li>• <b>Console</b></li> <li>• HDMI monitor capable of the highest resolution that you will be using on any computer in the installation</li> <li>• Standard 104-key wired USB or PS/2 keyboard</li> <li>• Standard 2 or 3 button wired USB or PS/2 mouse</li> <li>• Speaker (optional)</li> <li>• USB Smart card or CAC (Common Access Card) reader (Optional)</li> </ul><br><ul style="list-style-type: none"> <li>• <b>Computers</b></li> <li>• A DisplayPort Video output connector</li> <li>• A USB Type A port for keyboard and mouse</li> <li>• A USB Type A port for Smart Card or CAC reader (Optional)</li> <li>• A 3.5mm jack Audio port for speaker (Optional)</li> </ul><br><ul style="list-style-type: none"> <li>• <b>Cables</b></li> <li>• Do not attach cables that has microphone or line-in audio input</li> </ul><br><ul style="list-style-type: none"> <li>• <b>Operating Systems</b></li> <li>• Windows 2000, Windows Vista, Windows 7, Windows 8, Windows 8.1, Windows 10</li> <li>• Linux: Kernel 2.6+, RedHat v6.0+, SuSE v8.2+, Mandriva (Mandrake) v9.0+</li> <li>• UNIX: AIX v4.3+, FreeBSD v3.51+, Sun Solaris v9+</li> <li>• Novell Netware v5.0+</li> <li>• Mac OS v9+</li> <li>• DOS v6.2+</li> </ul> | <ul style="list-style-type: none"> <li>• 1 x 8-Port Single View DisplayPort Secure KVM Switch</li> <li>• 1 x Power Cord</li> <li>• 1 x Manual</li> <li>• 1 x Warranty</li> </ul> |
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Specifications

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**Computer Connections**

Direct 8

**Console Connection** 1 Direct

**Port Selection** Pushbutton

**Console Connectors**

Monitor 1 x HDMI Female (Black)

Keyboard 1 x 6-pin Mini-DIN Female (Purple); 1 x USB Type-A Female (Black)

Mouse 1 x 6-pin Mini-DIN Female (Green); 1 x USB Type-A Female (Black)

Audio 1 x Mini Stereo 3.5mm Jack Female (Green)

Microphone N/A

CAC 1 x USB Type-A Female (Black)

**CPU Connectors**

Monitor 8 x DisplayPort Female (White)

Keyboard & Mouse 8 x USB Type-B Female (White)

Audio 8 x Mini Stereo 3.5mm Jack Female (Green)

Microphone N/A

CAC 8 x USB Type-B Female (White)

**Switches**

F/W Upgrade N/A

Port Selection 8 x Pushbuttons

Reset 1 x Semi-recessed Pushbutton

Power 1 x Rocker

**LEDs**

On Line 8 x Orange

Selected 8 x Orange

CAC 8 x Green

Power On 1 x Blue

Key Lock 3 x Green (Num Lock, Caps Lock, Scroll Lock)

Console Video 1 x Green (Rear Panel)

**Emulation**

Keyboard USB

Mouse USB

**Video Resolution** Max. 3840 x 2160 @30Hz (UHD)

**Scan Interval** N/A

**Power**

Amps

Voltage 100 - 240V, 50 - 60Hz

**Environment**

Operation Temperature 0 - 50C

Storage Temperature -20 - 60C

Humidity 0 - 80% RH, Non-condensing

**Housing**

Case Metal

**Unit Dimensions**

Height 2.75" (6.99cm)

Depth 7.75" (19.69cm)

Length 17" (43.24cm)

**Unit Package Dimensions**

Width 19.75" (50.16cm)

Height 12.75" (32.39cm)

Depth 5.25" (13.34cm)

**Master Carton**

Width 20.5" (52cm)

Height 14.25" (36.2cm)

Depth 17.25" (43.8cm)

Master Carton Qty. 3

**Weight**

Master Carton Wt. 25.4lb (11.55kg)

Unit Pack Wt. 8.3lb (3.77kg)

Unit Wt. 6.23lb (2.83kg)