GCS1318TAA3

8-Port HDMI Secure KVM Switch (TAA)

- NIAP-CERTIFIED PP3.0
  Validated to Protection Profile v3.0 security requirements
- CAC SUPPORT
  Dedicated peripheral port for authorized CAC readers only
- 8-PORT HDMI SECURE KVM SWITCH
  One USB console controls 8 secure computers

8-Port Secure HDMI KVM Computer Switch - Protection Profile 3.0

IOGEAR's 8-Port HDMI 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 HIDs - 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 security requirements
- CAC SUPPORT
  Dedicated peripheral port for authorized CAC readers only
- 8-PORT HDMI SECURE KVM SWITCH
  One USB console controls 8 secure computers
- SUPERIOR VIDEO RESOLUTION
- 4K UHD Resolution: 3840x2160 @30Hz
- PORT SELECTION VIA PUSHBUTTON ONLY TO ENHANCE SECURITY
  (OSD, hotkey methods are not allowed)
- ISOLATED CHANNEL PER PORT
  Unidirectional data flow restricts data leakage between connected computers when switching
- ACTIVE CHASSIS INTRUSION DETECTION
  If the cover is removed from the switch, the unit becomes inoperable and the LEDs flash

- TAMPER-EVIDENT TAPES
  Provides a visual indication of any attempt to gain access to the switch's internal components
- TAMPER-PROOF HARDWARE
  All integrated circuits are soldered directly to the circuit board to prevent tampering with the components
- NON-REPROGRAMMABLE ROM
  Prevents tampering and attempts to reprogram the switch's firmware
- CLEARS KEYBOARD BUFFER
  Keyboard data is automatically cleared after transmission to the switch
- SPEAKER SUPPORT
- Analog speaker data input support only. Does not convert digital audio to analog audio
- MULTIPLATFORM SUPPORT
  Windows® 2000 / Vista / 7 / 8 / 8.1 / 10, Linux, Mac, & Sun
- RUGGED METAL ENCLOSURE
- BUILT-IN INTERNAL POWER

Requirements

- **Console**
- HDMI monitor capable of the highest resolution that you will be using on any computer in the installation
- Standard 104-key wired USB or PS/2 keyboard
- Standard 2 or 3 button wired USB or PS/2 mouse
- Speaker (optional)
- USB Smart card or CAC (Common Access Card) reader (Optional)

- **Computers**
- a 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)

- **Cables**
- Do not attach cables that has microphone or line-in audio input

- **Operating Systems**
- Windows 2000, Windows Vista, Windows 7, Windows 8, Windows 8.1, Windows 10
- Linux: Kernel 2.6+, RedHat v6.0+, SuSE v8.2+. Mandriva (Mandrake) v9.0+
- UNIX: AIX v4.3+, FreeBSD v3.51+, Sun Solaris v9+
- Novell Netware v5.0+
- Mac OS v9+
- DOS v6.2+

Package Contents

- 1 x 8-Port Single View HDMI Secure KVM PP3.0
- 1 x Power Adapter
- 1 x Manual
- 1 x Warranty

Specifications

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 HDMI Female (Black)
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 Blue (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); 1920 x 1080 (FHD)

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.	25.25lb (11.48kg)
Unit Pack Wt.	8.25lb (3.75kg)
Unit Wt.	6.23lb (2.83kg)