

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.

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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

Package Contents

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

- 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)