

GCS1218TAA3

8-Port Dual-Link DVI 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 readers¹
- 8-Port Dual-Link DVI Secure KVM Switch
One USB console controls 8 secure computers

[Secure KVM Switch Series PP3.0 Flyer](#)

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

IOGEAR's 8-Port Dual-Link DVI 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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| <ul style="list-style-type: none"> • 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 readers¹ • 8-Port Dual-Link DVI Secure KVM Switch
One USB console controls 8 secure computers • Superior 4K UHD Video Resolution • Dual-Link Resolution: 2560 x 1600; 4K UHD Resolution: 3840 x 2160 @30Hz² • 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 | <ul style="list-style-type: none"> • 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 |
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¹Compatible with Microsoft® LifeCam HD-3000 and Microsoft Fingerprint Reader

²IOGEAR Dual-Link DVI Secure KVM Switch series supports 3840 x 2160 @30Hz video output on compatible 4K HDMI-interfaced monitors and/or computers used with IOGEAR's HDMI-to-DVI KVM cables





Requirements

Package Contents

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| <ul style="list-style-type: none"> • Console • DVI 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 DVI 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+ | <ul style="list-style-type: none"> • 1 x 8-Port Single View Dual-Link DVI Secure KVM Switch • 1 x Power Cord • 1 x Manual • 1 x Warranty |
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Specifications

Computer Connections

Direct	8
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Console Connection	1 Direct
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Port Selection	Pushbutton
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Console Connectors

Monitor	1 x DVI Female (Black)
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Keyboard	1 x 6-pin Mini-DIN Female (Purple); 1 x USB Type-A Female (Black)
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Mouse	1 x 6-pin Mini-DIN Female (Green); 1 x USB Type-A Female (Black)
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Audio	1 x Mini Stereo 3.5mm Jack Female (Green)
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Microphone	N/A
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CAC	1 x USB Type-A Female (Black)
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CPU Connectors

Monitor	8 x DVI Female (Black)
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Keyboard & Mouse	8 x USB Type-B Female (White)
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Audio	8 x Mini Stereo 3.5mm Jack Female (Green)
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Microphone	N/A
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CAC	8 x USB Type-B Female (White)
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Switches

F/W Upgrade	N/A
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Port Selection	8 x Pushbuttons
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Reset	1 x Semi-recessed Pushbutton
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Power	1 x Rocker
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LEDs

On Line	8 x Orange
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Selected	8 x Orange
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CAC	8 x Green
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Power On	1 x Blue
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Key Lock	3 x Green (Num Lock, Caps Lock, Scroll Lock)
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Console Video	1 x Green (Rear Panel)
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Emulation

Keyboard	USB
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Mouse	USB
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Video Resolution	3840 x 2160 @ 30Hz (with compatible 4K HDMI monitor and/or sources); 2560 x 1600 DVI Dual-Link; 1920 x 1200 DVI Single-Link; 2048 x 1536 DVI-A
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Scan Interval	N/A
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Power

Amps

Voltage	100 - 240V, 50 - 60Hz
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Environment

Operation Temperature	0 - 50C
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Storage Temperature	-20 - 60C
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Humidity	0 - 80% RH, Non-condensing
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Housing

Unit Dimensions

Height	2.75" (6.98cm)
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Depth	8" (20.3cm)
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Length	17" (43cm)
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Unit Package Dimensions

Width	19.34" (49cm)
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Height	13" (33cm)
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Depth	5.5" (13.97cm)
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Master Carton

Width	20.25" (51.44cm)
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Height	14.25" (36.20cm)
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Depth	17.25" (43.82cm)
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Master Carton Qty.	3
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Weight

Master Carton Wt.	25.85lb (11.75kg)
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Unit Pack Wt.	8.45lb (3.84kg)
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Unit Wt.	6.5lb (2.95kg)
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at Home at Work on-the-Go

