CS1184DPH4C

4-Port USB 5K DisplayPort/HDMI Universal Secure KVM Switch with CAC (PSD PP v4.0 In Evaluation) -TAA

ATEN PSD PP v4.0 Universal Secure KVM Switch CS1184DPH4C is specifically designed to meet the stringent security requirement of secure defense and intelligence installations. ATEN PSD PP v4.0 Universal Secure KVM Switch CS1184DPH4C is compliant with PSD PP v4.0 (Protection Profile for Peripheral Sharing Device, Version 4.0) standard certified by the National Information Assurance Partnership (NIAP).

ATEN PSD PP v4.0 Universal Secure KVM Switch CS1184DPH4C provides isolation between computer sources and peripherals while sharing a single keyboard, mouse, monitor, speaker set, and Common Access Card (CAC) reader between connected computers of various security classifications. Compliance with PSD PP v4.0 ensures peripheral sharing capabilities provide maximum user data security when switching port focus, preventing unauthorized data flows or leakage between connected sources. Key protections include isolation and unidirectional data flow, restricted peripheral connectivity and filtering, user data protection, configurable device filtration and management, strict audio filtration, and always-on tamper-proof design, keeping sensitive assets isolated and providing advanced security and a user friendly design for instantly secure deployment.

To fulfill different customer demands, ATEN PSD PP v4.0 Universal Secure KVM Switches offer a wide range of options, including 2-port and 4-port, CAC and Non-CAC models, and support for DisplayPort or HDMI interfaces through a single combo connector. ATEN PSD PP v4.0 Universal Secure KVM Switches also provide customers with the flexibility to connect single or dual displays, providing superior video quality up to 5K (5120 x 2880 @ 60Hz) [1].

To enhance security, ATEN PSD PP v4.0 Universal Secure KVM Switch CS1184DPH4C only offers manual switching methods including front panel pushbuttons and Remote Port Selector (RPS) [2]. With multi–layered security, ATEN PSD PP v4.0 Universal Secure KVM Switch CS1184DPH4C ensures high-level desktop security and data safekeeping for applications such as government and military agencies, healthcare providers, banking & finance institutions, and other organizations that often handle sensitive or confidential data on separate networks.

Note:
1. Supports video output resolutions up to 5120 × 2880 @ 60Hz, 5120 × 2160 @ 60Hz, 5120 × 1440 @ 60Hz/120Hz/144Hz, 3840 × 2160 @ 60Hz/120Hz/144Hz.
2. The Remote Port Selector is not supplied in the package and requires a separate purchase.

Features

- DisplayPort / HDMI combo connectors support DisplayPort and HDMI video interfaces (both PC and Console sides)
- Superior ultra-high video quality – up to 5K (5120 x 2880 @ 60Hz) [1]
- Port selection via pushbuttons / Remote Port Selector (RPS) [2] only to enhance security
- Video DynaSync™ – exclusive ATEN technology eliminates boot-up display problems and optimizes resolutions when switching among different sources
- Configurable Port LED color and Port Name Labels – easier identification between ports connected to different security classification levels.
- Supports enable/disable CAC function [3] by port
- LED indicators for peripheral filtering and KVM security status
- Rugged metal enclosure
- Supports analog audio (speaker only) [4]

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2. The Remote Port Selector is not supplied in the package and requires a separate purchase.
3. Not all models support CAC function.
4. Only analog speaker data input is supported.

Specification

Computer Connections	4
Port Selection	Pushbutton, Remote Port Selector
Connectors	
Console Ports	1 x DP/HDMI Female (Black) 2 x USB Type-A Female (White) 1 x Mini Stereo Jack Female (Green; 1 x front)
KVM Ports	4 x DP/HDMI Female (Black) 8 x USB Type-B Female (White) 4 x Mini Stereo Jack Female (Green)
Power	1 x DC Jack
USB CAC Port	1 x USB Type-A Female (White; 1 x front)
Remote Port Selector	1 x RJ-11 (Black; 1 x rear)
Switches	
Port Selection	4 x Pushbuttons
Reset	1 x Semi-recessed Pushbutton
Power	1 x Pushbutton
LEDs	
Power	1 (Green)
Online / Selected (KVM Port)	4 (Orange / Green)
Online / Selected (CAC Port)	4 (Orange / Green)
Video	1 (Green)
Key Lock	3 (Green)

Emulation	
Keyboard / Mouse	USB
Video	Max. 5120 x 2880 @ 60 Hz, 3840 x 2160 @ 144 Hz
Maximum Input Power Rating	100–240V~; 50-60 Hz; 1.2A
Power Consumption	DC12V:12.48W:102BTU/h Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
Environmental	
Operating Temperature	0-40°C
Storage Temperature	-20-60°C
Humidity	0 - 80% RH, Non-condensing
Physical Properties	
Housing	Metal
Weight	1.21 kg (2.67 lb)
Dimensions (L x W x H)	24.50 x 14.36 x 4.30 cm (9.65 x 5.65 x 1.69 in.)
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.