

ATEN PSD PP v4.0 Secure KVM Switch Series

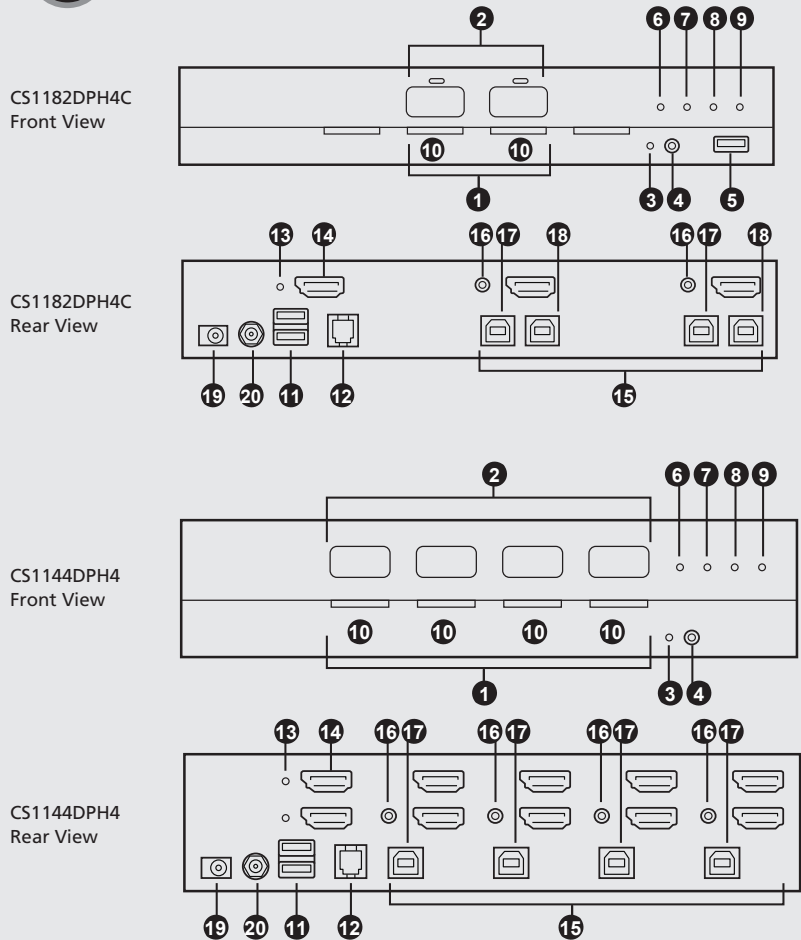
2/4-Port USB 5K DP / HDMI Single / Dual Display Universal Secure KVM Switch Quick Start Guide

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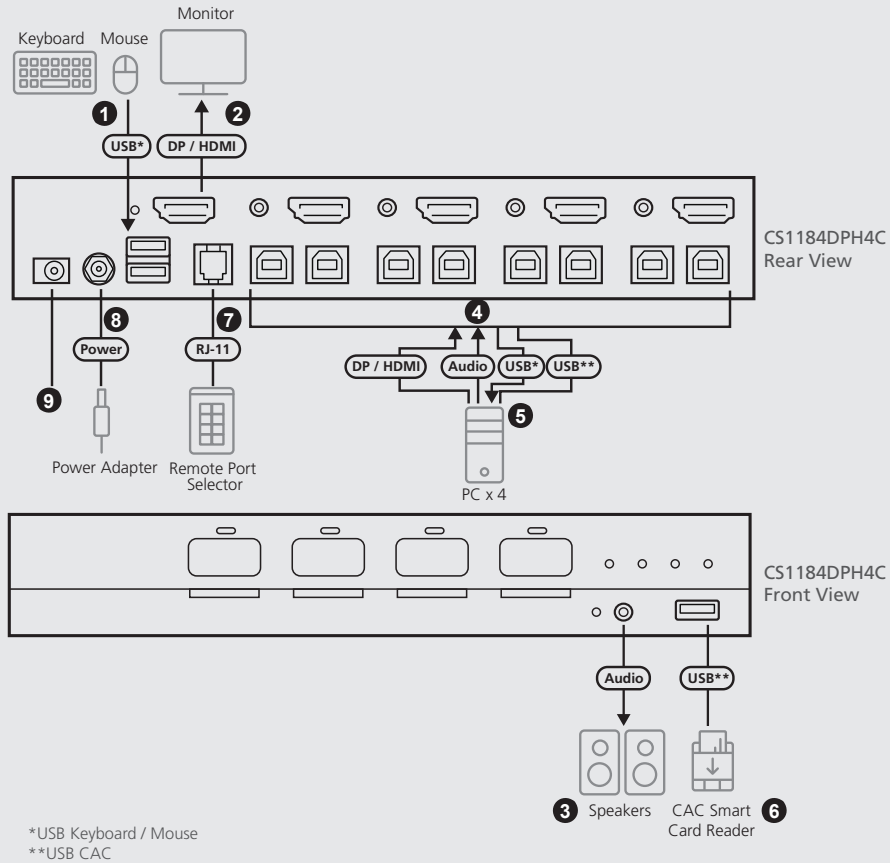
Part No. PAPE-1223-Z38G Released: 08/2025



A Hardware Overview



B Installation



Package Contents

- 1 Universal Secure KVM Switch
- 1 power adapter
- 1 foot pad set
- 1 port name labels
- 1 HDMI cable lock set
- 1 user instructions

Support and Documentation Notice

All information, documentation, firmware, software utilities, and specifications contained in this package are subject to change without prior notification by the manufacturer.
To reduce the environmental impact of our products, ATEN documentation and software can be found online at <http://www.aten.com/download/>

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ATEN PSD PP v4.0 2/4-Port USB 5K DP / HDMI Single / Dual Display Universal Secure KVM Switch

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This QSG covers the following ATEN Universal Secure KVM Switches:

Model Type	Console / Computer Video Interface	CAC Support	2-Port		4-Port	
			Single Head	Dual Head	Single Head	Dual Head
Universal	DisplayPort / HDMI	V	CS1182DPH4C	CS1142DPH4C	CS1184DPH4C	CS1144DPH4C
		X	CS1182DPH4	CS1142DPH4	CS1184DPH4	CS1144DPH4

Note: The CAC stands for Common Access Card, which is commonly used as a standard identification.

! ATTENTION

If the tamper-evident seal is missing or peeled, avoid using the product and contact your ATEN dealer.

If all front panel LEDs on the Universal Secure KVM Switch (except Power) flash continuously, all Remote Port Selector (RPS) LEDs flash, or either enclosure appears breached, avoid using the product and contact your ATEN dealer.

The Universal Secure KVM Switch and the Remote Port Selector (RPS) are equipped with active always-on chassis intrusion detection security. Any attempt to open the enclosure will permanently disable the switch / RPS, and void the warranty.

A Hardware Overview

- 1 port selection pushbuttons
- 2 Port and CAC LEDs (CAC models only) / Port LEDs (Non-CAC models only)
- 3 reset button
- 4 audio port
- 5 USB smart card / CAC reader port (CAC models only)
- 6 Num Lock LED
- 7 Caps Lock LED
- 8 Scroll Lock LED
- 9 power LED
- 10 port name label area
- 11 USB console ports (keyboard / mouse)
- 12 remote port selector port
- 13 video LED(s)
- 14 console monitor port(s)
- 15 KVM port section
- 16 KVM audio port
- 17 KVM USB port
- 18 KVM USB smart card / CAC reader port
- 19 power pushbutton
- 20 power jack

Note: This Quick Start Guide uses CS1182DPH4C and CS1144DPH4 to demonstrate each port number (2/4-Port), CAC support (yes / no), and number of displays (single / dual) supported by the ATEN Universal Secure KVM Switch series.

B Installation

- 1 Plug your USB keyboard and USB mouse into the USB console ports located on the unit's rear panel.
Note: For security purposes, please do not connect a wireless keyboard / mouse to the switch. The console USB keyboard / mouse ports are only compatible with standard USB keyboard(s) and mice.
- 2 Plug your monitor(s) into the console monitor port(s) located on the unit's rear panel and power on the monitor(s).

Note: Due to the security policy, make sure to connect your monitor(s) before powering on the ATEN Universal Secure KVM Switch.

- 3 Plug your speakers into the console audio port located on the unit's front panel.
Note: Due to the security policy, the use of an analogue microphone or line-in audio connection is strictly prohibited.
- 4 With a single-display Universal Secure KVM Switch, using a KVM cable set (not supplied with this package and must be purchased separately), plug the video connector into any available video port in the KVM port section of the switch, then plug the accompanying USB (keyboard / mouse / CAC) and speaker connectors into their corresponding USB and speaker ports. With a dual-display Universal Secure KVM Switch, using a KVM cable set (not supplied with this package and must be purchased separately), plug the video connector for your primary monitor into any available video port A in the KVM port section of the switch. Using another video cable and plug the video connector for your secondary monitor into the video port B on the same KVM port section of the switch, then plug the accompanying USB (keyboard / mouse / CAC) and speaker connectors into their corresponding USB and speaker ports.

Note:

- Verify that all the plugs are in the same KVM port (all in port 1, all in port 2, etc.). Each port is marked with an appropriate icon to identify which cable should be connected.
 - The KVM cable set and the extra video cable are not included in the package, they are available with a separate purchase. Please contact your ATEN dealer for more information.
- 5 At the other end of the KVM cable set, plug the USB, video, and speaker cables into their respective ports on the computer. With a dual-display Universal Secure KVM Switch, at the other end of the video cable, plug this video cable into its respective port on the computer. Repeat steps 4 and 5 for each computer you are installing.
 - 6 (Optional) Plug the USB smart card / CAC reader to the console USB smart card / CAC reader port located on the front panel.
Note: Only qualified USB authentication devices (e.g., smart card and CAC readers by default) can be plugged into this port.
 - 7 (Optional) Plug the RPS to the remote port selector port located on the rear panel. (Remark: The RPS stands for remote port selector.)

Note:

- The RPS is not included in the package, it is available with a separate purchase. Please contact your ATEN dealer for more information.
 - Make sure to connect the RPS before powering on the ATEN Universal Secure KVM Switch. Connecting the RPS after the ATEN Universal Secure KVM Switch is powered on will not be detected by the switch.
- 8 Plug the power adapter into the ATEN Universal Secure KVM Switch power jack.
 - 9 Turn on the ATEN Universal Secure KVM Switch and check that the LEDs light up. The ATEN Universal Secure KVM Switch will start a security self-test at each power cycle.

Operation

Manual Switching

For enhanced security purposes, the ATEN Universal Secure KVM Switch only offers manual port switching. This is to be achieved by pressing the port selection pushbuttons located on the unit's front panel or pressing the remote port selector's pushbuttons (if the remote port selector is connected and aligned).
Press and release a port selection pushbutton to bring the KVM focus to the computer attached to its corresponding port. The selected port LED lights bright green (on the switch and/or the remote port selector) to indicate that the computer attached to its corresponding port has the KVM focus. To meet the maximum security and channel isolation requirements, the keyboard, mouse, video, audio, and USB CAC reader will be switched together.

Chassis Intrusion Detection

To help prevent malicious tampering with the ATEN Universal Secure KVM Switch, the switch (or the RPS) becomes inoperable and all front panel LEDs on the Universal Secure KVM Switch (except Power) or all Remote Port Selector (RPS) LEDs flash constantly when a chassis intrusion (such as the cover being removed) is detected (by the switch or by the RPS).
The intrusion detection protection is an always-on function. If all front panel LEDs on the Universal Secure KVM Switch (except Power) flash continuously, all Remote Port Selector (RPS) LEDs flash, or either enclosure appears breached, avoid using the product and contact your ATEN dealer.