Simply Better Connections

CS742H

2-Port USB 4K HDMI Dual-Display KVMP™ Switch (Cables included)

The CS742H is a 2-port KVM switch designed to boost multitasking productivity for a 2-PC, dual-display desktop. With a single keyboard and mouse, you can maintain a tidy workspace while simplifying control of two HDMI computers and two HDMI displays.

With the CS742H, you can benefit from:
- Intuitive and flexible switching via pushbutton, hotkey, mouse, or the remote port selector
- A 2-port USB hub for peripheral sharing with a simple plug-and-play setup
- A pristine visual experience up to 4K60
- Multi-system compatibility across Windows, Mac, and Linux

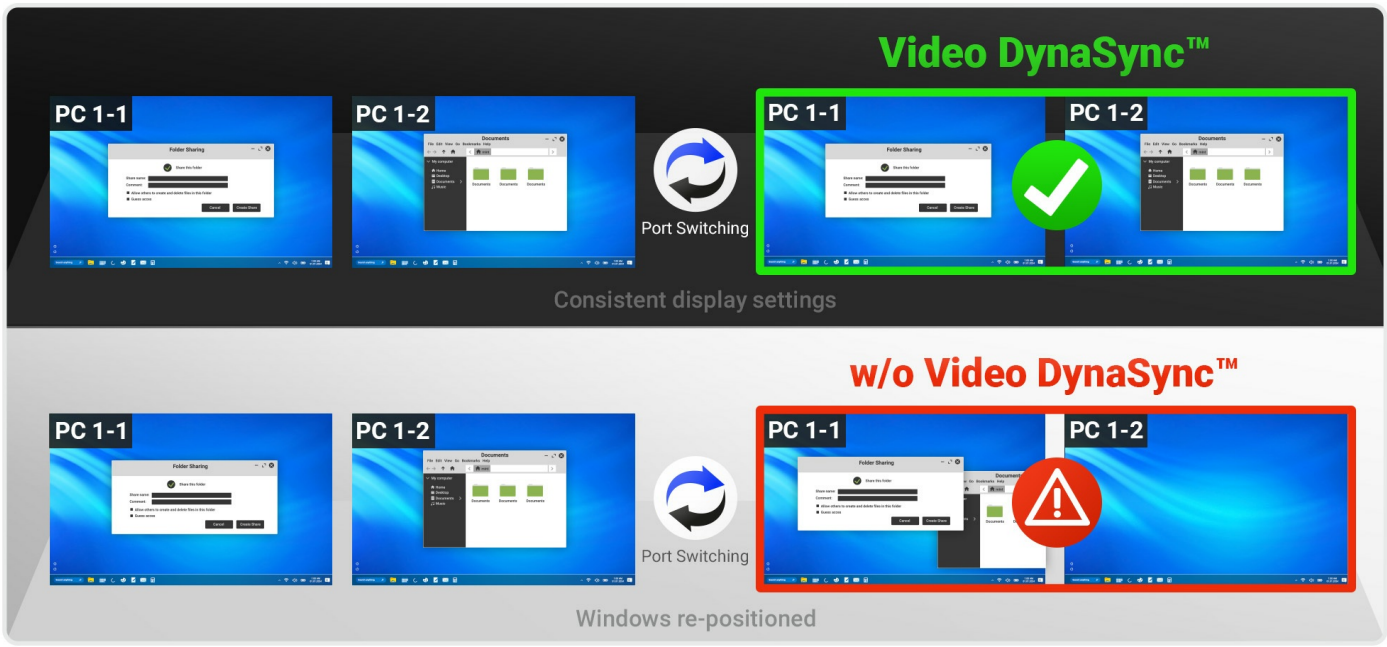
Whether you're a professional seeking a productivity booster for your daily office routines, a content creator, a hybrid worker, or someone looking for a better entertainment setup, the CS742H is definitely your perfect desktop companion.

Superior Visual Clarity

The KVM switch is designed to deliver exceptional video performance, supporting up to 4K60 visual clarity.

Video DynaSync™

Built with ATEN's exclusive Video DynaSync™, the CS742H optimizes display resolution by preserving consistent window sizes and icon positions during every port switch, ensuring a smooth, flicker-free multitasking experience.

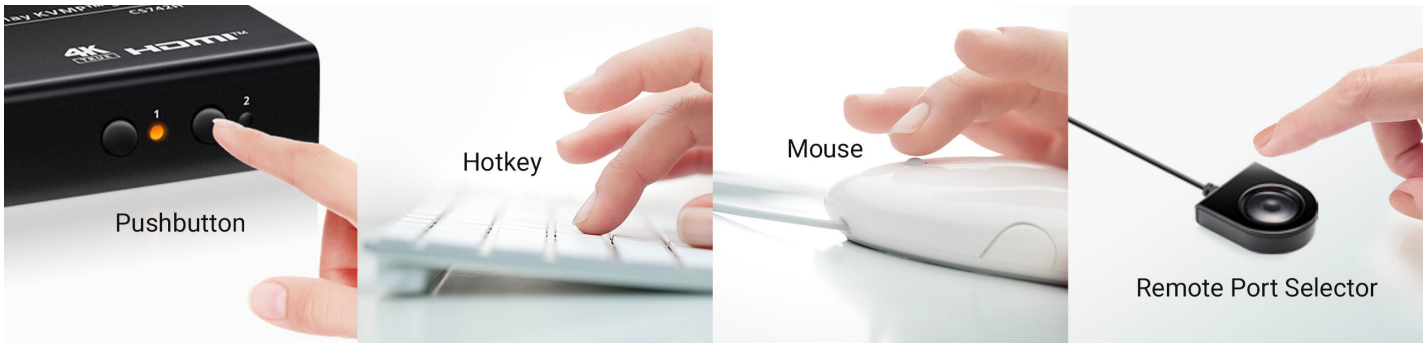


USB 2.0 Peripheral Hub

Media and data sharing between computers is fast and effortless via plug-n-play connections (e.g. hard drive, flash drive, printer, etc) to the USB ports on the KVM switch, without the need for an extra docking station.

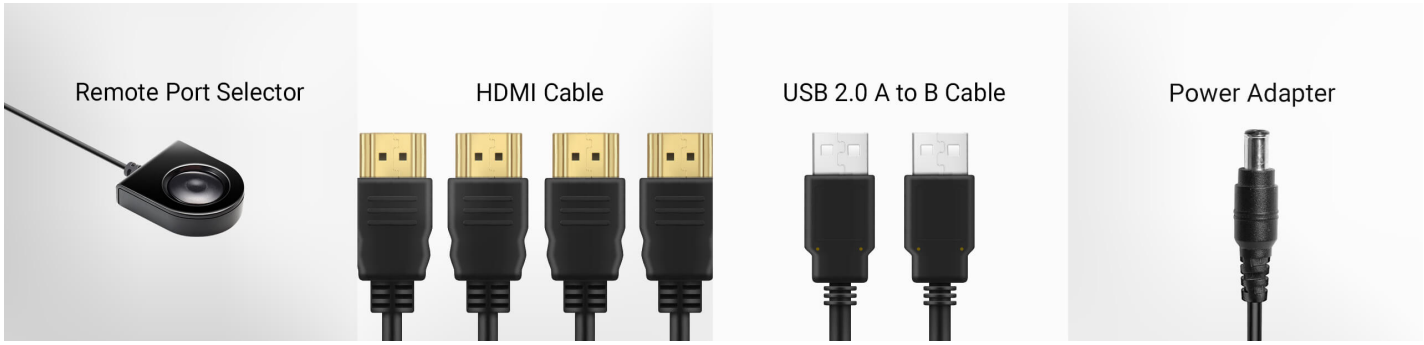
Flexible Port Switching

Port switching is quick and flexible via pushbuttons, hotkeys, mouse or the remote port selector – whichever best fits your workflow.



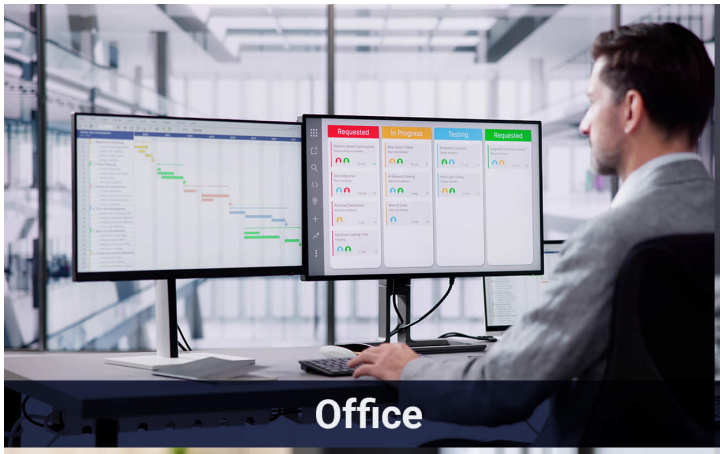
All Cables Included. No Extras Needed.

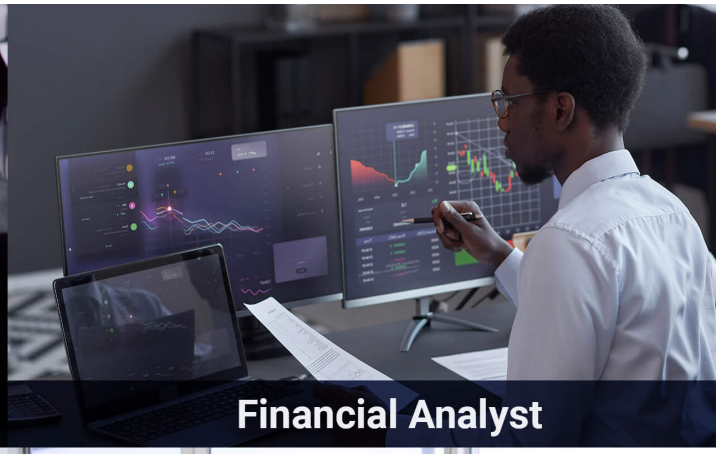
Everything you need is included – 4 HDMI cables, 2 USB 2.0 A to B cables, 1 power adapter, and 1 remote port selector (wired switch button) – for instant setup.



Applications

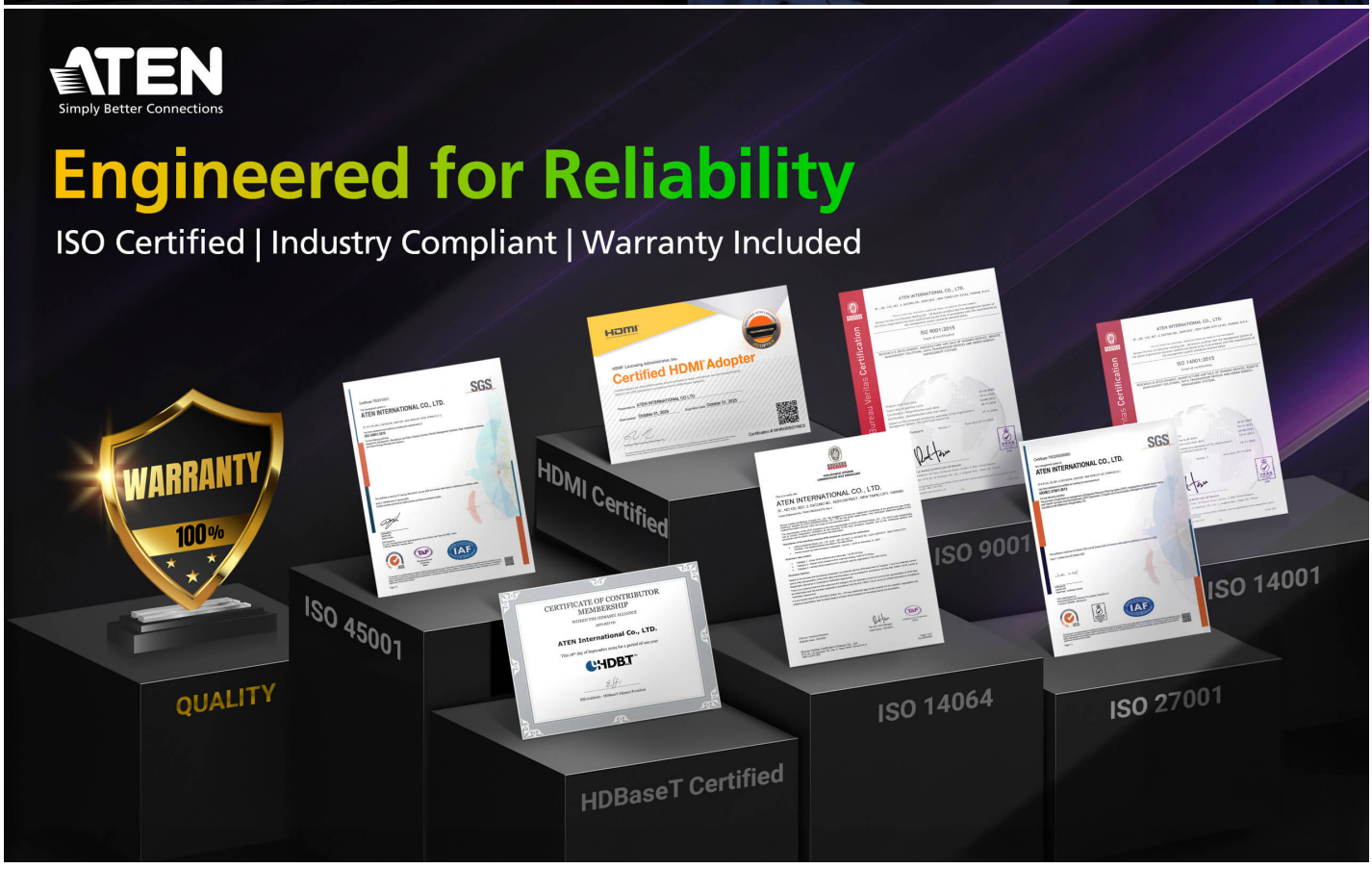
The CS742H promotes a streamlined multitasking workflow and delivers a tidy setup with a single keyboard and mouse on a 2-PC, dual-display desktop, making it perfect for any personal or professional routine.


Office


Financial Analyst

Hybrid Work

Content Creation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Simply Better Connections
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WARRANTY
100%
QUALITY
ISO 45001
HDMI Certified
Certified HDMI Adopter
ISO 9001
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Talk to Our Experts

If you prefer to have ATEN contact you, please complete the form and a representative will be in touch with you shortly

First Name *

Last Name *

- Country *

Company *

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Phone Number *

- Customer Type *

Job Title *

Features

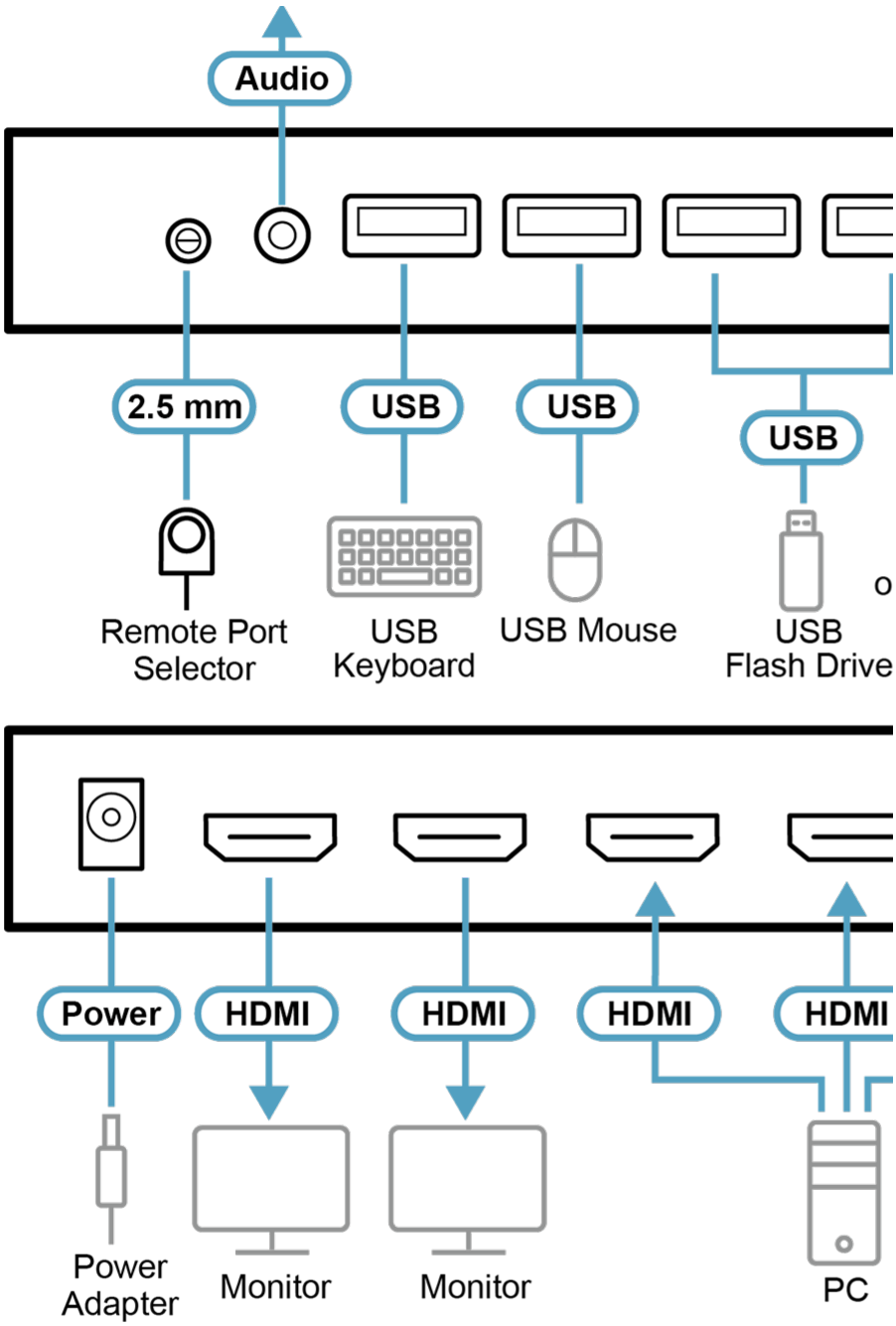
The ATEN CS742H 2-Port USB 4K HDMI Dual-Display KVMP™ Switch is designed for professionals who need streamlined control over two computers while maintaining high-performance visuals and peripheral sharing. With support for dual HDMI displays at resolutions up to 4096 x 2160 @ 60Hz, it delivers ultra-clear image quality ideal for tasks in design, finance, and media production.

The CS742H allows users to operate both systems using a single USB keyboard, mouse, and shared peripherals, significantly reducing desktop clutter and hardware costs. It supports multiple switching methods including front-panel pushbuttons, hotkeys, mouse wheel, and remote port selector, offering flexibility and convenience in various work setups. Equipped with USB peripheral sharing, the CS742H enables seamless use of devices like external drives, webcams, or printers across both connected systems.

It comes complete with all necessary cables and a power adapter for fast, plug-and-play installation with no extra purchases required. With power-on detection, multiplatform support for Windows, Mac, andLinux, and hot-plug capability, the CS742H is a reliable, efficient solution for users managing dual-computer environments with high-resolution dual displays.

- Single USB keyboard and mouse control up to 2 PCs, simplifying cables and reducing the cost of multi-computer setups
- Superior video quality – up to 4096 x 2160 @ 60 Hz, 5120 x 1440 @ 60 Hz
- Computer Selection via pushbuttons, remote port selector, hotkeys, and mouse wheel
- Supports Video DynaSync™ – Exclusive ATEN technology ensures optimal resolution and consistent window layout during port switching for smooth multi-system workflows
- Multiplatform support – Windows, Mac, and Linux
- USB peripheral sharing
- All HDMI / USB cables and power adapter included – for hassle-free installation, no extra purchases needed
- Power-on detection automatically switches to the next active computer
- Supports most gaming / multimedia keyboards and multifunction mice with emulation or bypass
- Auto-scan function allows continuous monitoring of connected systems
- Plug and play – no software installation or configuration required
- Supports hot-plugging
- Firmware upgradeable

Diagram


Audio
2.5 mm
USB
USB
USB
Remote Port Selector
USB Keyboard
USB Mouse
USB Flash Drive
Power
HDMI
HDMI
HDMI
HDMI
Power Adapter
Monitor
Monitor
PC

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