

## CS84U

4-Port PS/2-USB VGA KVM Switch





**CS84U**

**4-Port PS/2-USB  
VGA KVM Switch**

The CS84U enables quick access to up to 4 VGA-interfaced PCs via one KVM console and helps to expand your desktop workspace while keeping it tidy and organized for improved productivity.



**PS/2 & USB KM  
Support**



**Bus-powered**



**Multi-platform  
Support**



**Video DynaSync™**

**One Console Cable, Two Connection Options**

CS84U offers two types of console KVM cables in different lengths for selection, allowing connection to either PS/2 or USB keyboard/mouse to flexibly accommodate installation requirements. Access to each PC can be quickly switched via pushbuttons, hotkey or mouse from the KVM console.



### Smooth Cross-Platform Integration

The CS84U enables the integration of different computer systems (Windows, Mac, Linux and Sun) that are accessible from one KVM console.



### Video DynaSync™

ATEN's patented Video DynaSync™ ensures correct resolutions and display configurations are maintained when switching between ports under all

operating systems, while also eliminating boot-up display problems and assuring smooth desktop operation.

### Incorrect display settings



### Always optimized video



### Applications



Office



Media Design



Finance



Healthcare

### Product Comparison



### CS64US

4-Port USB VGA/Audio  
Cable KVM Switch

### CS74U

4-Port USB VGA/Audio  
KVM Switch

### CS84U

4-Port PS/2-USB VGA KVM  
Switch

### CS1734B

4-Port PS/2-USB  
VGA/Audio KVMP™  
Switch with OSD

	CS64US	CS74U	CS84U	CS1734B
Number of Computers	2			
Computer Interface	VGA			
Keyboard / Mouse	USB		PS/2, USB	
Max. Resolution	2048 x 1536 ; DDC2B			
Port Selection	Hotkey	Pushbutton	Hotkey / Pushbutton / Mouse	Hotkey / Pushbutton / OSD / Mouse
KVM Cable Length	0.9 m, 1.8 m		1.2 m, 1.8 m*	
Speakers	•	•	-	•
Microphone	-	•	-	•

\*The KVM cable sets are provided to connect the KVM switch to the PCs. KVM cables of 3m / 5m lengths are also available for purchase.

#### Features

The CS84U PS/2-USB KVM Switch is a desktop control unit that allows users to access four computers from a single KVM console (PS/2 or USB keyboard and mouse, and VGA monitor). In addition, CS84U comes with ATEN's new Video DynaSync™ technology, which eliminates boot-up display problems and optimizes resolution.

Setup is fast and easy; simply plug cables into their appropriate ports. There is no software to configure, no installation routines, and no incompatibility problems. Since the CS84U intercepts keyboard input directly, it will work on multiple computing platforms.

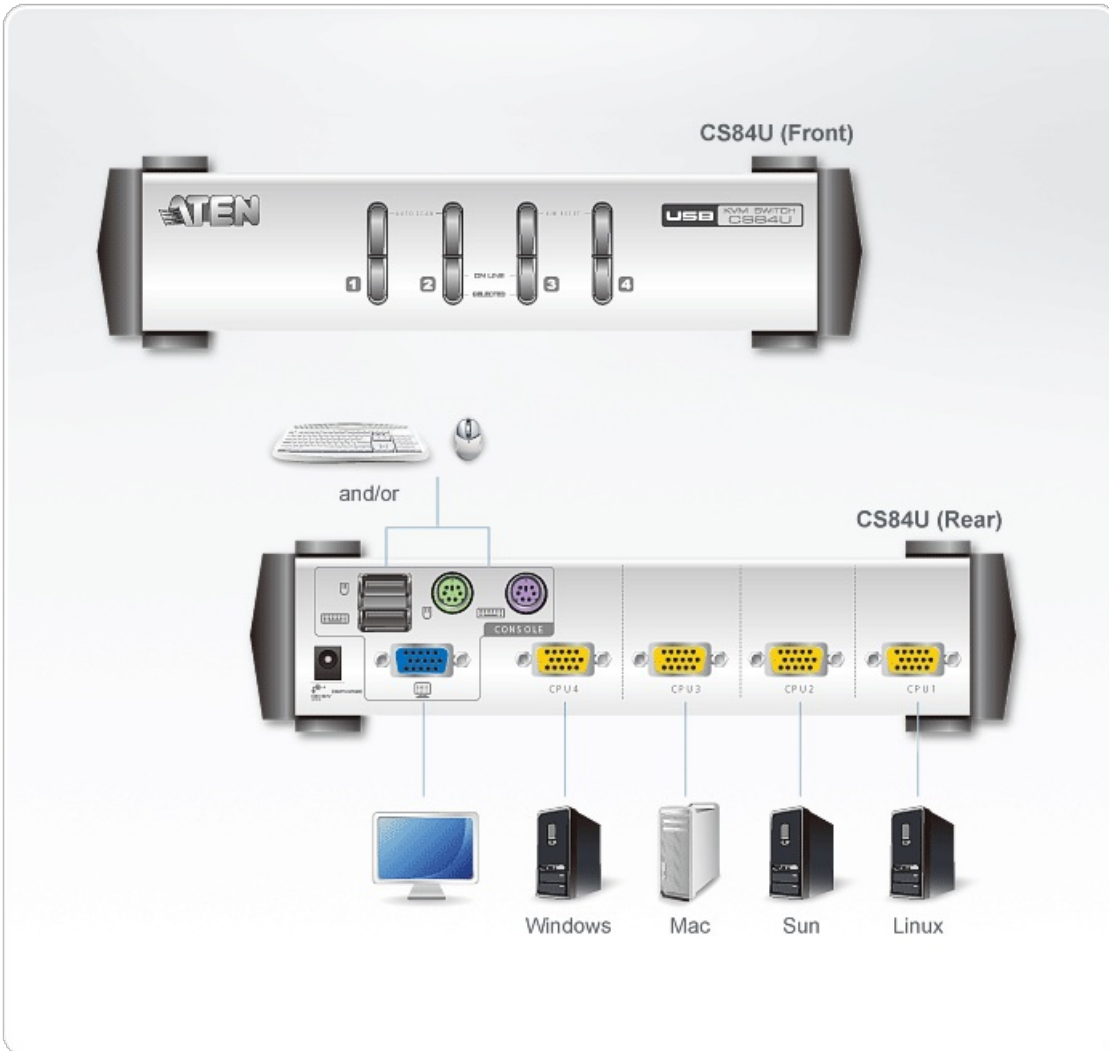
- One PS/2-USB VGA console controls four VGA interface computers.
- [Dual Interface - supports computers with PS/2 or USB keyboards and mice](#)
- [Computer selection via front panel pushbuttons, hotkeys, and mouse](#)
- Multiplatform support - Windows, Linux, Mac, and Sun
- Superior video quality - 2048 x 1536; DDC2B
- [Video DynaSync™ - Exclusive ATEN technology eliminates bootup display problems and optimizes resolution when switching between ports](#)
- [Console mouse port emulation/bypass feature supports most mouse drivers and multifunction mice](#)
- Complete keyboard emulation for error-free booting
- Mac/Sun keyboard support and emulation\*
- [Multilingual keyboard mapping - supports English, Japanese, and French keyboards](#)
- [Gaming keyboard support](#)
- Auto Scan Mode for monitoring all computers
- Firmware upgradeable
- Bus-Powered

\* 1. PC keyboard combinations emulate Mac/Sun keyboards  
2. Mac/Sun keyboard work only with their own computers

**Specification**

Computer Connections	4
Port Selection	Hotkey, Pushbutton, USB Mouse
Connectors	
Console Ports	1 x HDB-15 Female (Blue) 2 x USB Type A Female 1 x 6-pin Mini-DIN Female (Purple) 1 x 6-pin Mini-DIN Female (Green)
KVM Ports	4 x SPHD-18 Female (Yellow)
Power	1 x DC Jack
Switches	
Selected	4 x Pushbutton
LEDs	
Online	4 (Orange)
Selected	4 (Green)
Emulation	
Keyboard / Mouse	PS/2, USB
Video	2048 x 1536 @ 60 Hz; DDC2B
Scan Interval	3, 5, 10, 20 seconds (default: 5 secs.)
Power Consumption	DC5V:0.87W:13BTU/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 - 50°C
Storage Temperature	-20 - 60°C
Humidity	0-80% RH, Non-condensing
Physical Properties	
Housing	Metal
Weight	0.77 kg ( 1.7 lb )
Dimensions (L x W x H)	21.00 x 8.80 x 5.55 cm (8.27 x 3.46 x 2.19 in.)
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram



**ATEN International Co., Ltd.**

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan  
Phone: 886-2-8692-6789 Fax: 886-2-8692-6767  
www.aten.com E-mail: marketing@aten.com



© Copyright 2015 ATEN® International Co., Ltd.  
ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd.  
All rights reserved. All other trademarks are the property of their  
respective owners.