CS82U

2-Port PS/2-USB VGA KVM Switch

The CS82U PS/2-USB KVM Switch is a desktop control unit that allows users to access two computers from a single KVM console (PS/2 or USB keyboard and mouse, and VGA monitor). In addition, CS82U 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 CS82U intercepts keyboard input directly, it will work on multiple computing platforms.

Features

- One PS/2-USB VGA console controls two 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 upgradable
- Bus-Powered

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

Specifications

Computer Connections	2
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	2 x SPHD-18 Female (Yellow)
Power	1 x DC Jack
Switches	
Selected	2 x Pushbutton
LEDs	
Online	2 (Orange)
Selected	2 (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:0.72W:12BTU/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	0.54 kg (1.19 lb)
Dimensions (L x W x H)	14.00 x 8.80 x 5.55 cm (5.51 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

CS82U (Front)

and/or

CS82U (Rear)

CONSOLE

CPU2   CPU1

LCD Monitor   Windows   Mac