

### CS1764A

4-Port USB DVI/Audio KVMP™ Switch



The CubiQ™ CS1764A USB 2.0 DVI KVMP™ Switch charts a revolutionary new direction in KVM (Keyboard, Video, Mouse) switch functionality by combining a 4-port KVM switch with a 2-port USB 2.0 hub at the same time as it provides an interface for a digital monitor (DVI).

In addition, the CS1764A comes with ATEN's Video DynaSync technology, enhancing display resolution, and power-on detection. This means that if one computer is powered off, the CS1764A will automatically switch to the next powered-on computer.

Functioning as a KVM switch, it allows users to access 4 computers using a single USB keyboard, USB mouse, and monitor console. Operating as a USB 2.0 hub, it enables each computer to access peripherals connected to the hub one at a time.

### Features

- One USB console controls four DVI computers and two additional USB 2.0 devices
- 2-port USB 2.0 hub built in
  Fully compliant with the USB 2.0 specification
- Computer selection via front panel pushbuttons and hotkeys
- Audio enabled full bass response provides a rich experience for 2.1 channel surround sound systems Multiplatform support Windows, Linux, Mac and Sun
- Superior video quality 1920 x 1200, 60Hz; DDC2B
- Independent switching of KVM, USB, and Audio focus
  DVI digital and analog monitor support fully compliant with the DVI specifications

- HDCP compliant
  Video DynaSync™ stores the console monitor's EDID (Extended Display Identification Data) to optimize display resolution
  Power on detection if one computer is powered off, the CS1764A will automatically switch to the next powered-on computer
- Console mouse port emulation/bypass feature supports most mouse drivers and multifunction mice
- Sun /Mac keyboard support and emulation\*
  Auto Scan Mode for monitoring all computers
- Firmware upgradable via USB
  - \* 1. PC keyboard combinations emulate Sun/Mac keyboards
- 2. Sun/Mac keyboards only work with their own computers

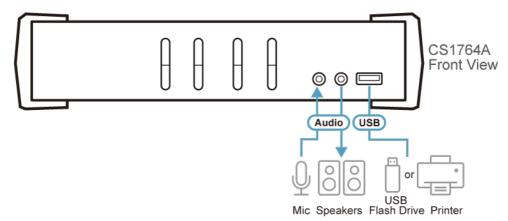


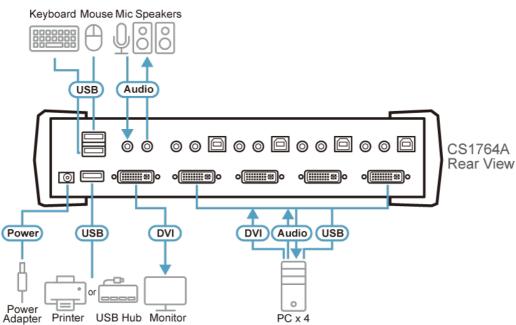
# Specifications

| Computer Connections   | 4  |
|------------------------|--|
| Port Selection         | Hotkey, Pushbutton, Mouse  |
| Connectors             |  |
| Console Ports          | 2 x USB Type A Female (White; front panel) 1 x DVI-I Female (White) 2 x Mini Stereo Jack Female (Green; 1 x front panel; 1 x rear panel) 2 x Mini Stereo Jack Female (Pink; 1 x front panel; 1 x rear panel)                               |
| KVM Ports              | 4 x USB Type B Female (White) 4 x DVI-I Female (White) 4 x Mini Stereo Jack Female (Green) 4 x Mini Stereo Jack Female (Pink)  |
| Power                  | 1 x DC Jack  |
| USB Hub                | 2 x USB Type A Female (White; 1 x front panel, 1 x rear panel)   |
| Switches               |  |
| Selected               | 4 x Pushbutton   |
| LEDs                   |  |
| USB Link               | 4 (Green)  |
| On Line /Selected      | 4 (Orange)   |
| Emulation              |  |
| Keyboard / Mouse       | USB  |
| Video                  | 1920 x 1200@ 60Hz; DDC2B   |
| Scan Interval          | 1–99 Seconds (Default: 5 sec.)   |
| Power Consumption      | DC5.3V:3.69W:43BTU/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                 | 0.94 kg ( 2.07 lb )  |
| Dimensions (L x W x H) | 27.00 x 8.80 x 5.55 cm<br>(10.63 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





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