

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

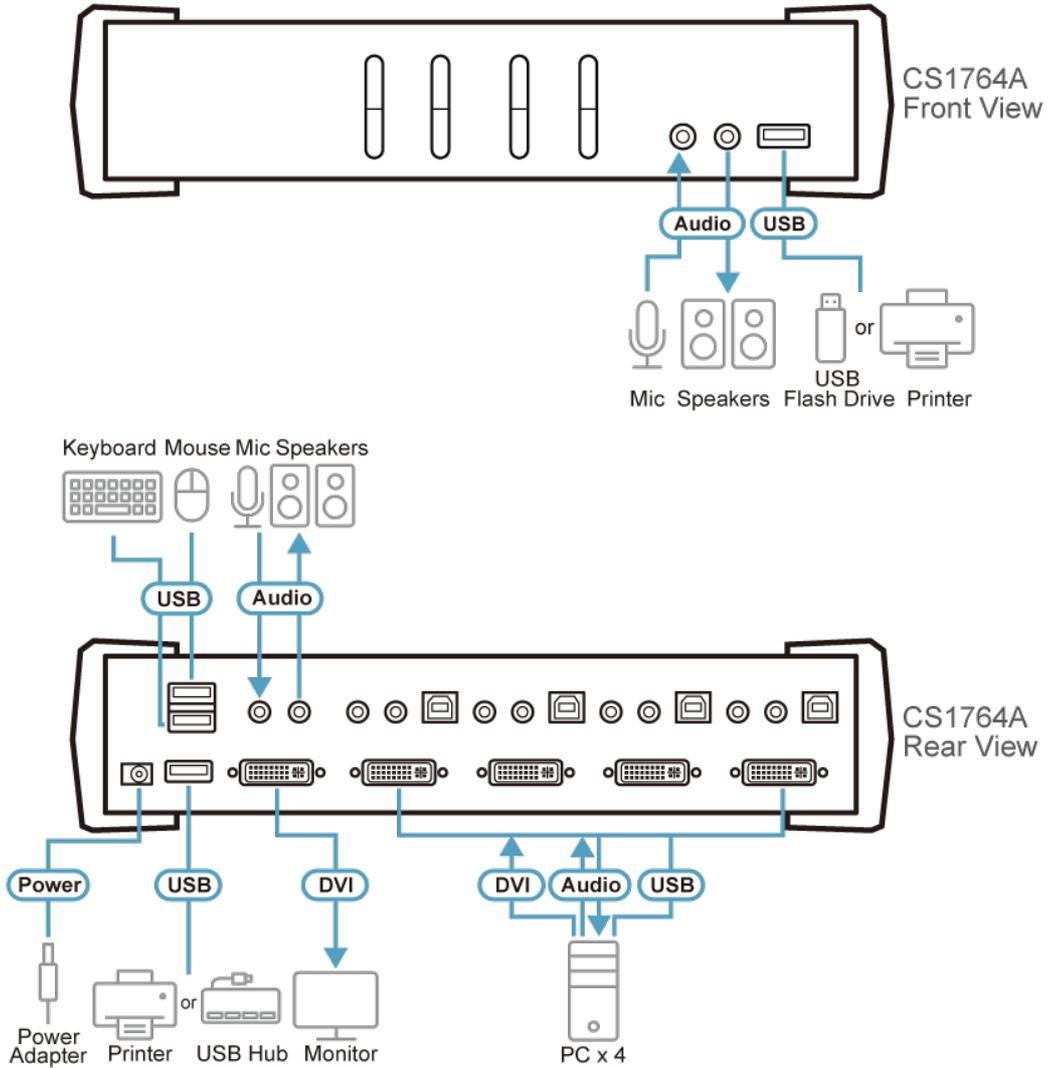
- One USB console controls four DVI computers and two additional USB 2.0 devices
- 2-port USB 2.0 hub built in
- Fully compliant with the USB 2.0 specification
- Computer selection via front panel pushbuttons and hotkeys
- Audio enabled - full bass response provides a rich experience for 2.1 channel 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 (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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