



## Features

- One USB console controls eight Dual Link DVI or VGA computers and two additional USB 2.0 devices
- Supports a digital (DVI) or analog (VGA) video output
- Cascadable to three levels – control up to 512 computers
- Multi-Display feature – stack up to four CS1788 units and display video from up to four monitors (dual display / triple display / quad display)
- 2-port USB 2.0 hub built in
- Fully compliant with the USB 2.0 specification
- Computer selection via front panel pushbuttons, hotkeys, and multilingual on-screen display (OSD)
- OSD Backup/Restore feature – enables the administrator to back up the switch's configuration and user profile information
- Two-level (Administrator/User) password authorization for enhanced security protection
- Multilingual OSD supports English, German, Japanese, Traditional Chinese, Simplified Chinese, Spanish, Russian, and French
- Audio enabled – full bass response provides a rich experience for 2.1 channel surround sound Systems
- Console audio ports on front panel for easy access
- Multiplatform support – Windows, Linux, Mac, Sun
- Supports widescreen resolutions
- Superior video quality – 2560 x 1600 (Dual Link DVI); 2048 x 1536 (VGA); DDC2B
- Independent switching of KVM and USB focus
- DVI digital and analog monitor support – fully compliant with the DVI specifications
- HDCP compatible
- Video DynaSync™ – exclusive ATEN technology eliminates boot-up 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 (US), English (UK), French, German, Japanese, Korean, Traditional Chinese, and Spanish
- Auto Scan Mode for monitoring all computers
- Broadcast mode – allows you to send commands from the console to all computers to perform operations simultaneously
- Firmware upgradable

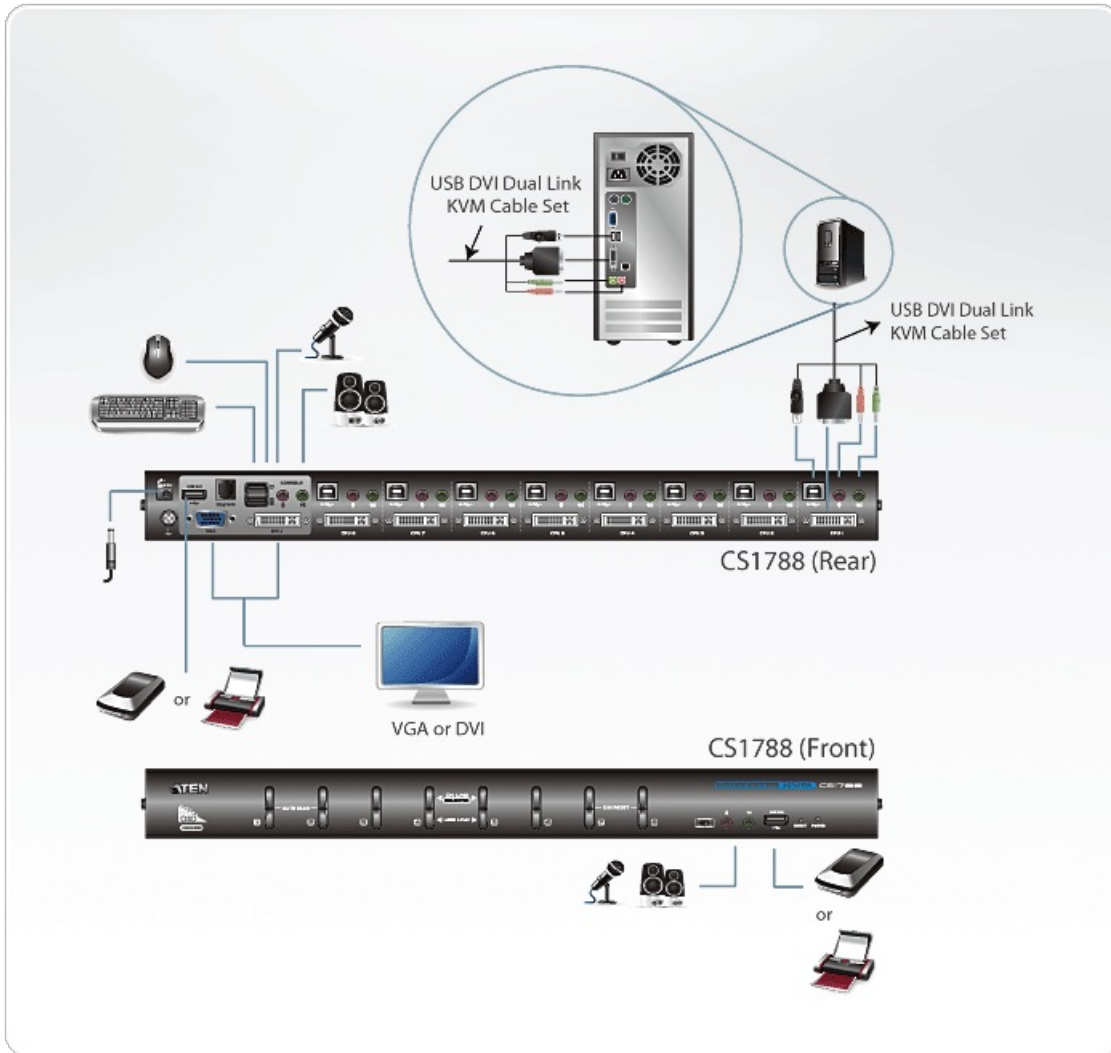
Note: PC keyboard combinations emulate Mac/Sun keyboards; Mac/Sun keyboard work only with their own computers

## Specification

Computer Connections	
Direct	8
Maximum	512 (via Cascade)
Port Selection	OSD, Hotkey, Pushbutton
Connectors	
Console Ports	1 x HDB-15 Female (Blue) 1 x DVI-I Female (white) 2 x USB Type A Female 2 x 3.5mm Audio Jack Female (Green; 1 x front panel, 1 x rear panel) 2 x 3.5mm Audio Jack Female (Pink; 1 x front panel; 1 x rear panel)
KVM Ports	8 x DVI-I Female (White) 8 x USB Type B Female 8 x 3.5mm Audio Jack Female (Green) 8 x 3.5mm Audio Jack Female (Pink)
Firmware Upgrade	1 x RJ-11 Female
Power	1 x DC Jack
USB Hub	2 x USB Type A Female (1 x front panel, 1 x rear panel)
Switches	
Port Selection	8 x Pushbutton
Reset	1 x Semi-recessed Pushbutton
Firmware Upgrade	1 x Slide Switch

LEDs	
USB Link	8 (Green)
Power	1 (Dark Green)
On Line /Selected	8 (Orange)
Emulation	
Keyboard / Mouse	USB
Video	DVI (Dual Link): 2560 x 1600 @ 60Hz; VGA: 2048 x 1536 @ 60Hz
Scan Interval	1 – 255 seconds (default: 5 secs.)
Power Consumption	DC5.2V:8.26W:64BTU/h  Note: <ul style="list-style-type: none"> <li>● The measurement in Watts indicates the typical power consumption of the device with no external loading.</li> <li>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.</li> </ul>
Environmental	
Operating Temperature	0 – 50°C
Storage Temperature	-20 – 60°C
Humidity	0 – 80% RH, Non-condensing
Physical Properties	
Housing	Metal
Weight	2.80 kg ( 6.17 lb )
Dimensions (L x W x H)	43.72 x 16.12 x 4.40 cm (17.21 x 6.35 x 1.73 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.