CS17916

16-Port USB HDMI/Audio KVM Switch

The CS17916 16-port USB HDMI KVM Switch is a multi-purpose appliance that consolidates access and control of up to 16 HDMI computers from a single USB keyboard, USB mouse, and monitor console.

The CS17916 can be cascaded up to two levels – to control up to 256 computers – all from a single console.

In addition the CS17916 features multi-display functionality, which enables the use of standard USB cables to stack up to eight switches in a multi-display installation where each computer is fitted with multiple video cards. It allows you to contrast, analyse and monitor video output in convenient ways, substantially simplifying the working environment.

Furthermore, the CS17916 comes with ATEN's on-screen display (OSD) function, which can access any computer connected to the installation, it also offers OSD configuration backup/restore to save/back up the OSD settings and restore them as needed.

The CS17916 provides multimedia keyboard support and is audio enabled. You can listen to the audio output of each computer on two sets of speakers (on a one at- a-time basis).

Touchboards

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Features

- One USB console controls up to sixteen HDMI interface computers and two additional USB 2.0 devices
- HDMI compatible
- Cascadable to two levels–control up to 256 computers
- Multi-Display feature – stack up to eight CS17916 units and display video from up to eight monitors(dual display/triple display/quad display/multi-display)
- 2-port USB 2.0 hub built in
- Computer selection via front panel pushbuttons, hotkeys, and multilingual on-screen display (OSD)
- Independent switching of KVM and USB focus
- OSD Backup/Restore feature–enables the administrator to back up the switch's configuration and user profile information
- Firmware upgradable
- Video DynaSync™ – exclusive ATEN technology eliminates boot-up display problems and optimizes resolution when switching between ports
- Superior video quality–supports up to 1080p / 1920 x 1200@60Hz
- Supports widescreen resolutions
- 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
- Auto Scan Mode for monitoring all computers
- HDCP compatible
- Multiplatform support–Windows, Linux, Mac, Sun
- 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*1.2.
- Multilingual OSD supports English, German, Japanese, Traditional Chinese, Simplified Chinese, Spanish, Russian, and French
- Multilingual keyboard mapping – supports English (US), English (UK), German (GER.), German (SWISS), French, Hungarian, Italian, Japanese, Korean, Russian, Spanish, Swedish, Traditional Chinese, and Simplified Chinese
- Supports hot-plugging

    Note : Enable mouse emulation for independent switching
    1. For PC compatible computers. Mac and Sun computers must be compatible with USB connections.
    2. PC keyboard combinations emulate Mac/Sun keyboards; Mac/Sun keyboards work only with their own computers.
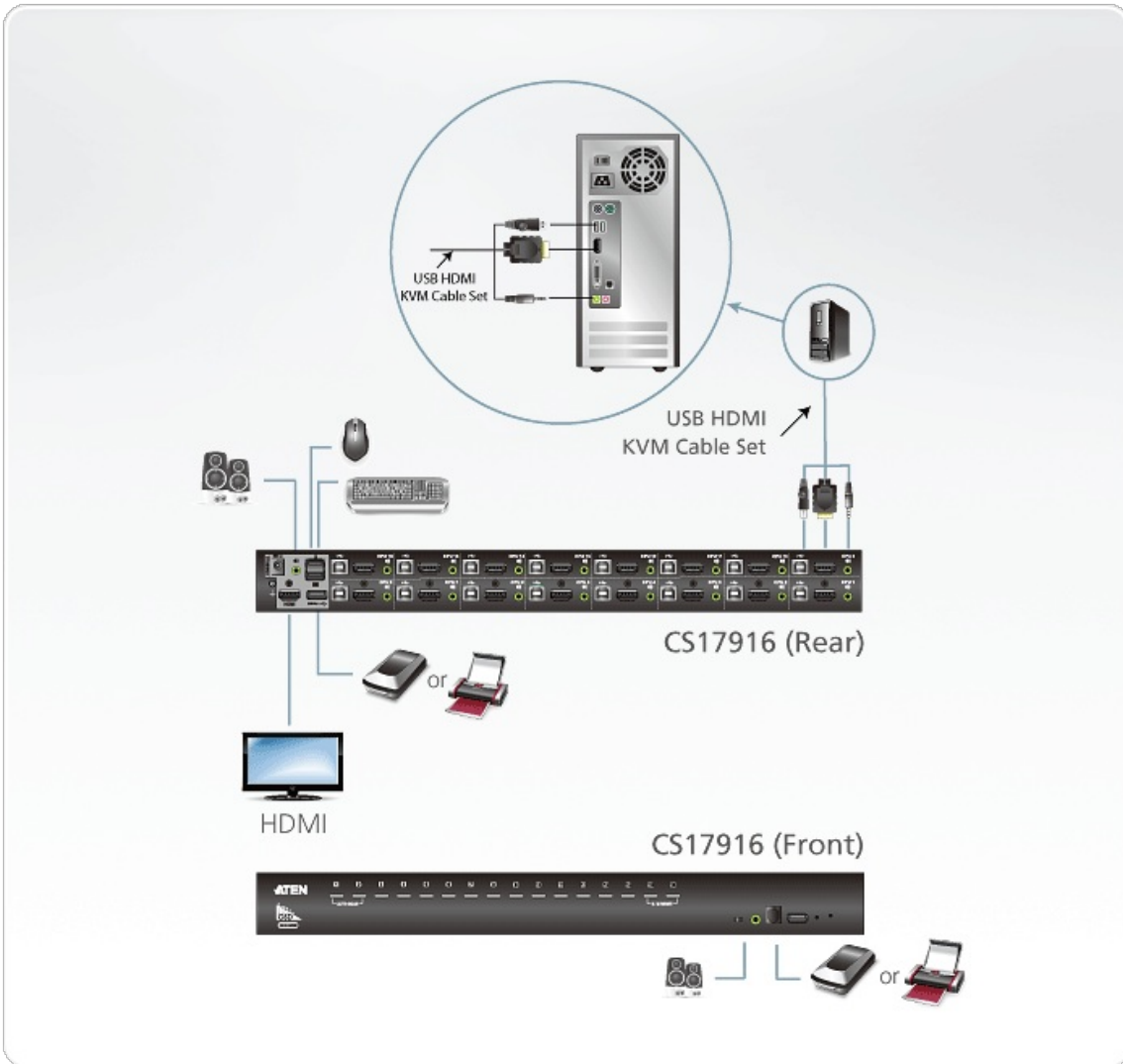
Specification

16-Port USB HDMI KVM Switch

Computer Connections	
Direct	16
Maximum	256 (via Cascade)
Port Selection	OSD, Hotkey, Pushbutton
Connectors	
Console Ports	2 x USB Type A Female (Black) 1 x HDMI Female 2 x Mini Stereo Jack Female (Green; 1 x front panel, 1 x rear panel)
KVM Ports	16 x USB Type B Female (White) 16 x HDMI Female (White) 16 x Mini Stereo Jack Female (Green)
Firmware Upgrade	1 x RJ11 Female (Black)
Power	1 x DC Jack
USB Hub	2 x USB Type A Female (White) (1 x front panel, 1 x rear panel)

Switches	
Port Selection	16 x Pushbutton
Reset	1 x Semi-recessed Pushbutton
Firmware Upgrade	1 x Slide Switch
LEDs	
USB Link	16 (Green)
Power	1 (Dark Green)
On Line /Selected	16 (Orange)
Emulation	
Keyboard / Mouse	USB
Video	1080p / 1920 x 1200 (DVI)
Scan Interval	1 – 255 Seconds (Default: 5 secs)
Power Consumption	DC 5.0V; 12.2W
Environmental	
Operating Temperature	0 – 50°C
Storage Temperature	-20 – 60°C
Humidity	0 – 80% RH, Non-condensing
Physical Properties	
Housing	Metal
Weight	3.86 kg (8.5 lb)
Dimensions (L x W x H)	43.24 x 25.72 x 4.40 cm (17.02 x 10.13 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.

Topology Diagram

USB HDMI
KVM Cable Set

USB HDMI
KVM Cable Set

CS17916 (Rear)

HDMI

or

CS17916 (Front)

or