Simply Better Connections

CN8000

1-Local/Remote Share Access
Single Port VGA KVM over IP Switch (1600 x 1200)

The CN8000 is a control unit that provides "over-IP" capability to KVM switches that do not have built in over-IP functionality. It allows operators to monitor and access their computers from remote locations using a browser-based Windows Client or Java Applet, or with AP Windows and Java application programs.

The CN8000 provides a dedicated RS-232 port for modem access, as well as a USB 2.0 port for virtual media capability. With its advanced features, the CN8000 is the fastest, most reliable, most cost effective way to remotely access and manage widely distributed multiple computer installations.

Features

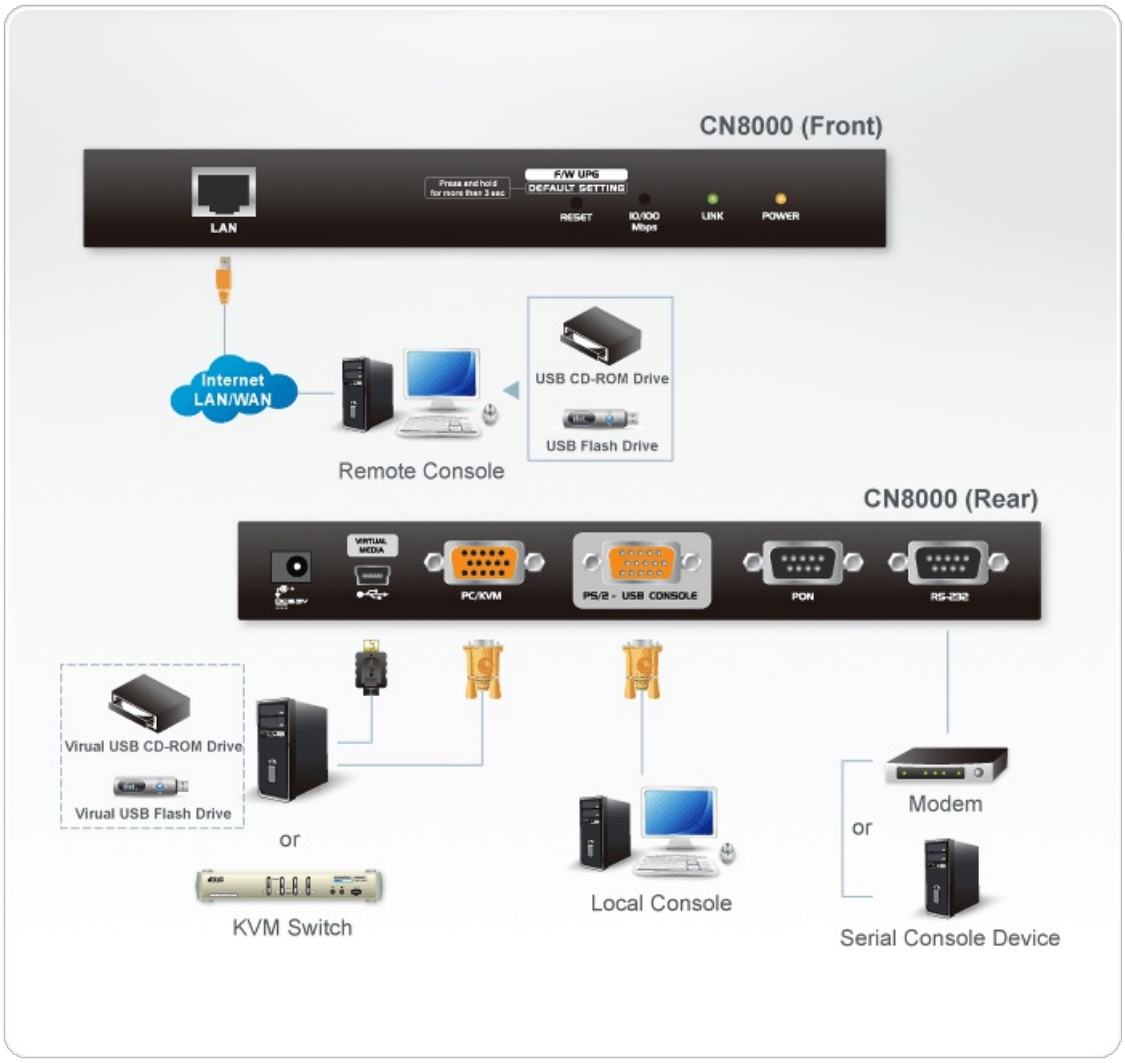
- **Hardware**
- Provides over-IP capability to KVM switches that do not have built in over-IP functionality 1
- Supports PS/2,USB, Sun Legacy (13W3) 2 and serial (RS-232) connectivity
- Local console provides PS/2,and USB keyboard and mouse support
- Supports multiplatform server environments: Windows, Mac, Sun, Linux and VT100 based serial devices
- Virtual Media Support
- High video resolution – up to 1600 x 1200 @ 60Hz- 32 bit color depth for the local console; up to 1600 x 1200 @ 60Hzwith 24 bit color depth for remote sessions
- Enhanced fps (frames per second) throughput for crisp responsive video display

  1 Cascade-compatible KVM Switches include the following: CS9134, CS9138, CS88A, CS1308, CS1316, CS1754*, CS1758*, CS1708A, CS1716A, ACS1208A, ACS1216A, CS228*, CS428*, KH0116, KH2508, KH2516, KH1508, and KH1516
  -Some of the CN8000's features may not be supported, depending on the functionality of the cascaded KVM switch. (For example, some switches do not support virtual media.)
  -Some features found on the cascaded KVM switches may not be supported on the CN8000. (For example, the CS1754's audio.)
  2 Requires CV130A converter purchase
- **Management**
- Up to 64 user accounts
- Up to 32 concurrent logins
- End session feature – administrators can terminate running sessions
- Event logging and Windows-based Log Server support
- Critical system events sent by email and SNMP trap; and Syslog support
- Remote Firmware upgradable
- Serial console management – serial terminal access. Access the CN8000 via a built-in serial viewer, or via third party software (such as PuTTY) for Telnet and SSH sessions
- PPP mode (modem) dial-in/dial back/dial out support for out-of-band, and low bandwidth operation
- Port Share Mode allows multiple users to gain access to a server simultaneously
- Local/Remote Share Mode to conveniently grant shared or exclusive console privilege NEW!
- Integration with ALTUSEN CC2000 Management software
- Power Over the NET integration for remote power control
- DDNS (Dynamic Domain Name System)
- Export/import user account and configuration settings
- Enable/disable browser operation
- IPv6 capableNEW!
- **Ease-to-Use Interface**
- Browser-based and AP GUIs offer a unified Multilanguage interface to minimize user training time and increase productivity
- Multiplatform client support (Windows, Mac OX X, Linux, Sun)
- Multibrowser support (IE, Mozilla, Firefox, Safari, Opera, Netscape)
- Browser-based UI in pure Web technology allows administrators to perform administrative tasks without pre-installed Java software package required
- Full-screen or sizable and scalable Virtual Remote Desktop
- Magic Panel
- **Advanced Security**
- Smart Card /CAC Reader Support
- External authentication support: RADIUS, LDAP, LDAPS, and MS Active Directory
- Supports SSL 128-bit data encryption and RSA 1024-bit certificates to secure users log in from browser
- Flexible encryption design allows users to choose any combination of 56-bit DES, 168-bit 3DES 256-bit AES, 128-bit RC4, or Random for independent KB/Mouse, video, and virtual media data encryption
- Support for IP/MAC Filter
- Supports password protection
- Private CA
- **Virtual Media**
- Virtual media enables file applications, OS patching, software installation and diagnostic testing
- Works with USB enabled servers in operating system and BIOS level
- Supports USB 2.0 DVD/CD drives, USB mass storage devices, PC hard drives and ISO images
- **Virtual Remote Desktop**
- Video quality and video tolerance can be adjusted to optimize data transfer speed; monochrome color depth setting, threshold and noise settings for compression of the data bandwidth in low bandwidth situations
- Full screen video display or scalable video display
- Message Board for communication among remote users
- On-screen keyboard with multilanguage support
- Mouse Dynasync
- Exit Macros support
- BIOS-level access

Specification

Connectors	
Console Ports	1 x SPHD Male (Yellow)
KVM (Computer) Ports	1 x SPHD Female (Yellow)
Virtual Media	1 x USB Mini-B Female
PON	1 x DB-9 Male
Modem	1 x DB-9 Male
LAN Ports	1 x RJ-45 Female
Power	1 x DC Jack
Switches	
Reset	1 x Semi-recessed Pushbutton
LEDs	
Power	1 (Orange)
Link	1 (Green)
10/100 Mbps	1 (Orange/Green)
Emulation	
Keyboard / Mouse	USB; PS/2
Video	Up to 1600 x 1200 @ 60 Hz; DDC2B
Power Consumption	DC5.3V:6.80W:36BTU
Environmental	
Operating Temperature	0 - 50°C (CN8000) 0 - 40°C (Power Adapter)
Storage Temperature	-20 - 60°C
Humidity	0 - 80% RH, Non-condensing
Physical Properties	
Housing	Metal
Weight	0.49 kg (1.08 lb)
Dimensions (L x W x H)	20.20 x 8.64 x 2.50 cm (7.95 x 3.4 x 0.98 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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