

CN800

USB VGA KVM over IP Mini



The ATEN CN800 offers superior video quality with HD resolutions up to 1920 x 1200 @ 60 Hz, facilitating easier KVM access. The CN800 USB VGA KVM over IP Mini provides "over-IP" access control for conventional KVM switches lacking built-in over-IP functionality. It enables system operators to monitor and access computers remotely using Windows and Java-based application programs. The CN800 connects to an intranet, either LAN or WAN simply by using an industry-standard Cat 5e/6 cable and to a target computer or server. WinClient and JavaClient are available for [remote access](#), enabling IP connection and login from anywhere over the internet.

The ATEN CN800 uses the standard TCP/IP protocols for communication. It allows the connected server or computer to be accessed from any computer over the internet – whether that computer is located down the hall, in other areas of the country, or branch offices in other parts of the world. The CN800 provides a fast, reliable, and 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
- Supports multi-platform server environments: Windows, Mac, Sun, Linux and VT100 based serial devices
- Virtual Media Support
- High video resolution – up to 1920 x 1200 @ 60 Hz with 24 bit color depth for remote sessions
- Enhanced FPS (frames per second) throughput for crisp responsive video display
- Bus-powered – no external power adapter required

• Management

- Up to 64 user accounts
- Up to 32 users concurrent logins
- End session feature – administrators can terminate running sessions
- Event logging and Windows-based Log Server support
- Supports instant notification of critical system events via email, SNMP trap, and Syslog
- Remote firmware upgradable
- Multi-user Mode allows multiple users to gain access to a server simultaneously
- Integration with ATEN [CC2000](#) Centralized Management Software
- Integration with ATEN [CCVSR](#) Video Session Recording Software
- DDNS (Dynamic Domain Name System)
- Enable / disable browser operation
- IPv6 capable

• Easy-to-Use Interface

- Browser-based and AP GUIs offer a unified multi-language interface to minimize user training time and increase productivity
- Multi-platform client support (Windows, Mac OS X, Linux, Sun)
- Multi-browser supports (Chrome, Firefox, Safari, Opera)
- 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

• Advanced Security

- External authentication supports: RADIUS, LDAP, LDAPS, and MS Active Directory
- TLS 1.2 encryption to protect password when users log in
- Flexible design allows users to choose any combination of encryption algorithms (e.g. 256-bit AES) or system-generated random selection for independent keyboard / mouse, video, and [virtual media](#) data encryption
- Supports 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
- Convenient to use without [virtual media](#) cable

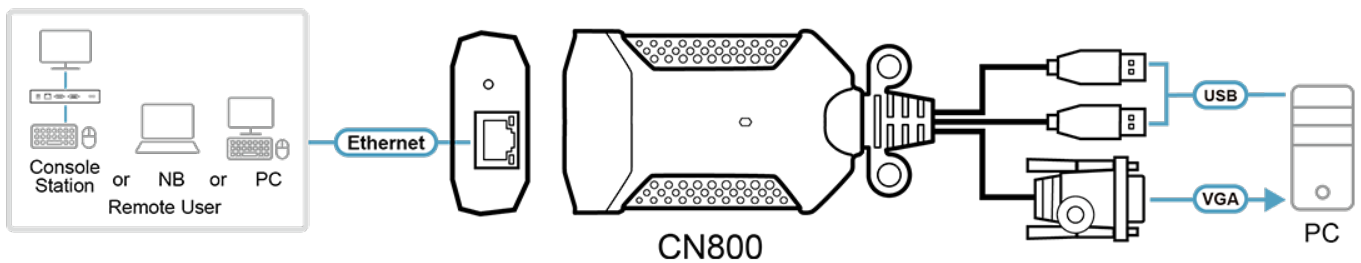
• Virtual Remote Desktop

- 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 multi-language support
- Mouse Dynasync
- Exit Macros support
- BIOS-level access

Specifications

| | |
|------------------------|--|
| Connectors | |
| KVM (Computer) Ports | 1 x USB Type A Male (Purple) 1 x USB Type A Male (Black) 1 x VGA Male (Blue) |
| LAN Ports | 1 x RJ-45 Female |
| Switches | |
| Reset | 1 x Semi-recessed Pushbutton |
| LEDs | |
| Power | 1 (Green) |
| Link | 1 x Link (Orange / Green) 1 x Active (Green) |
| Emulation | |
| Keyboard / Mouse | USB |
| Video | 1920 x 1200 |
| Power Consumption | DC5V:3.47W:16BTU 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 | Plastic |
| Weight | 0.17 kg (0.37 lb) |
| Dimensions (L x W x H) | 9.32 x 5.66 x 2.44 cm (3.67 x 2.23 x 0.96 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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