The Ultimate All-In-One Remote Control Solution

The KN1000 combines remote "over-IP" BIOS-level access, power control, serial console management, and virtual media functionality in a single unit. BIOS-level access allows administrators to monitor and access a server for BIOS-level troubleshooting from remote locations using a standard Internet browser or KN1000-specific Windows and Java application programs.
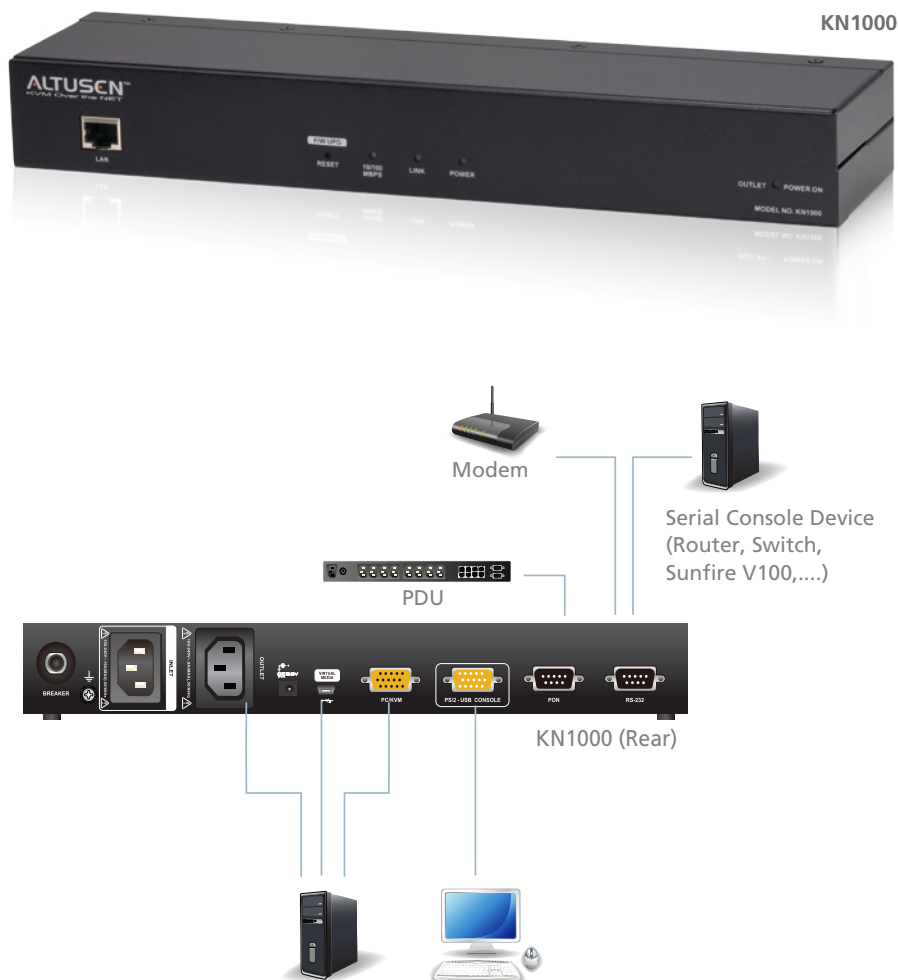
KN1000

Modem

Serial Console Device (Router, Switch, Sunfire V100,....)

PDU

KN1000 (Rear)

CHECK-IN TERMINALS

ATM'S & POS SYSTEMS

INFORMATION KIOSKS
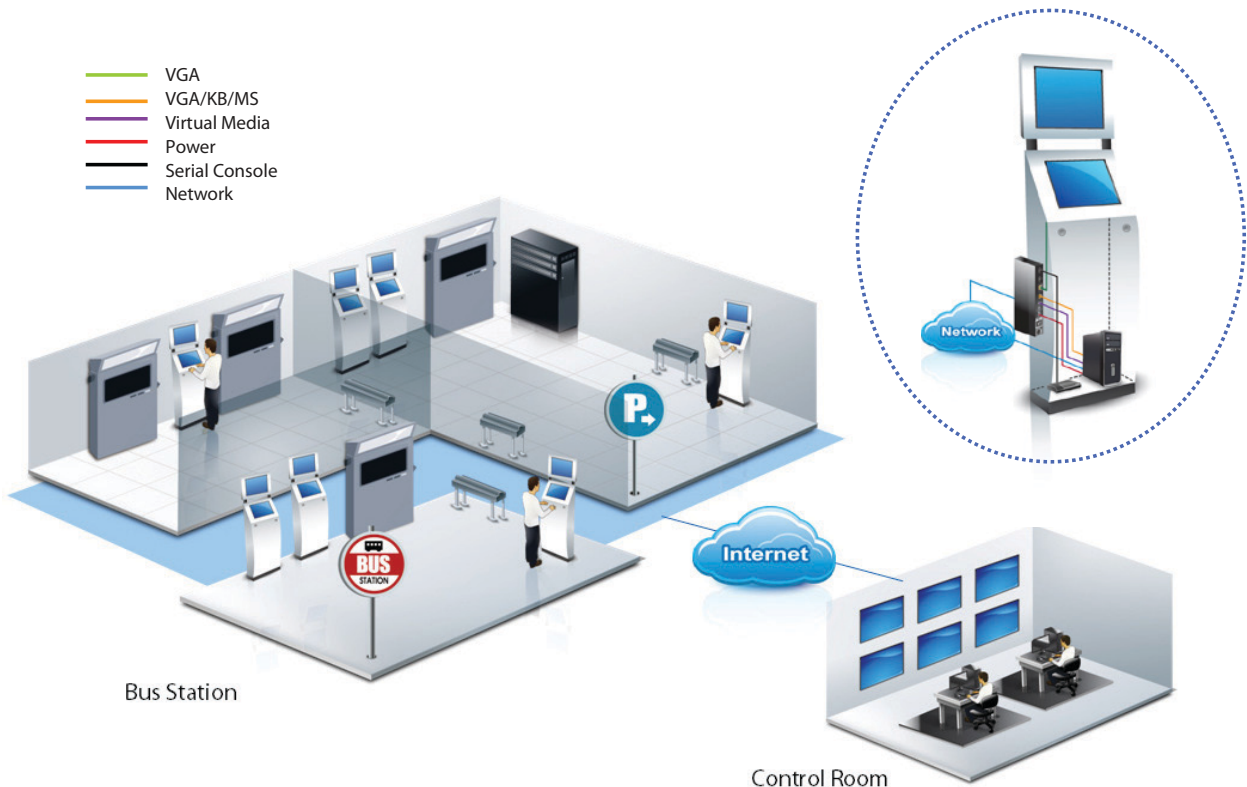
FEATURES

Remote Access, Total Control

By providing remote BIOS-level access and power management capability, the ATEN KN1000 allows you to access and monitor kiosk computers situated in diverse locations from a single location. The kiosk's display appears on your local monitor – either full screen or as a dynamically scaled window – allowing you to perform all your maintenance functions. You can even make the kiosk server turn on, off and reboot directly from your remote console.

Centralized Management

All of the KN1000 units that are being used to control the kiosk computers can be integrated into a single tree view for centralized access, administration and management when they are deployed under ATEN's CC2000 Management Software.

Virtual Media

Virtual Media support lets you map DVD/CD-ROMs and other storage media to a remote server. This function allows you to conduct file transfers and to start from bootable media.

VGA
VGA/KB/MS
Virtual Media
Power
Serial Console
Network

Network

Bus Station

Internet

Control Room

Serial Console Device Management	In IT environments, servers and network devices are widely managed through secure serial terminal access. The KN1000 provides serial console management over the internet. Telnet or SSH clients can be used to manage kiosk servers or serial managed devices such as network switches and routers.
Share Control	The KN1000's multiple login support allows multiple users to log in at the same time. Three types of share mode – Exclusive, Occupy and Share – provide total flexibility for sharing computer access among them. To alleviate the problem of access conflicts that can occur during multiple logins, a convenient message board function allows logged in users to instantly communicate with each other.

Applications

Airports and Public Transportation
- Ticket Kiosks
- Check-in Kiosks
- Flight/Train Information (Arrival/Departure times; In-transit status)

Retail Outlets and Department Stores
- Payment Kiosks
- Self Service Kiosks
- Information Kiosks

Exhibition Center / Public Squares
- Check-in Kiosks
- Local Activities Kiosks (Concerts; exhibits; etc.)
- Public Service Information Kiosks

≫ *TECHNICAL SPECIFICATIONS*

Hardware
- Provides over-IP access to servers or KVM switches that do not have built in over-IP functionality
- Built in single port PDU
- Supports PS/2, USB, Sun Legacy (13W3) 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
- High video resolution – up to 1600 x 1200

Management
- Up to 64 user accounts – up to 32 users simultaneously share the control
- End session feature – administrators can terminate running sessions
- Event logging and Windows-based Log Server support
- Critical system event notification via SMTP email, SNMP trap and Syslog support
- Remote Firmware upgradable
- Serial console management – serial terminal access. Access the KN1000 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 out support for out-of-band, and low bandwidth operation
- Integration with ATEN PDU's and CC2000 Management software
- Remote power on and off control function with Wake on LAN
- On/Off scheduling for the power outlet
- Safe shutdown support

Easy-to-Use Interface
- Browser-based multilingual GUI
- Multiplatform client support (Windows, Mac OS X, Linux, Sun)
- Multi-browser support
- Magic Panel

Advanced Security
- Smart Card / CAC Reader Support
- External authentication support: RADIUS, LDAP, LDAPS, and MS Active Directory
- Secure 128-bit SSL encryption
- IP/MAC filtering

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
- BIOS-level access
- Adjustable video quality to optimize bandwidth use
- 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

ATEN ®
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