ALTUSCN

KN9000 QUICK START GUIDE

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1 Package Contents

The complete KN9000 package consists of:

- 1x KN9000 KVM on the Net Control Unit
- 1x Power Cord
- 1x Custom KVM Cable Set
- 2x 4x
- Rack Mounting Kit
- 1x Software Disk
- 1x Registration Card
- 1x User Manual
- 1x Quick Start Guide

NOTE: Check to make sure that each item in the above list is included in your package. If any item is missing or was damaged in shipment, please contact your dealer.

2 System Requirements

To use and access the KN9000 unit successfully, your computer is required for the following:

- At least a P III 1 GHz processor.
- The Windows Client requires Internet Explorer DirectDraw 7.0 or higher installed.
- The Windows Administrator Utility software, the Windows Client software, the Log Server, and the Java Client software all support Windows 9x, ME, 2000, and XP.

For the computer to be accessed by KN9000:

- Set the screen resolution to 1024x768.
- Mouse settings for various operating systems are as follows:

Windows XP : set the mouse speed to the middle position, and disable Enhance Pointer Precision.
Windows 2000 : set the mouse speed to the middle position, and select None for mouse acceleration.
Windows NT4 : set the mouse to the middle position.
Windows ME/98 : set the mouse to the middle position, and disable mouse acceleration.
Red Hat Linux : set the mouse threshold to the middle position, and mouse acceleration to the middle position.

3 The KN9000 Unit (Front)

The front panel of the KN9000 includes the following components (Fig.1):

1. **Reset Button** Pressing this switch to perform a system reset.
   NOTE: This switch is recessed and must be pushed with a ballpoint pen - such as the end of a paper clip.
2. **10/100 Mbps Data LED**
   - The LED ON indicates 100 Mbps data transmission speed.
   - The LED blinks when data is transmitted.
3. **Link LED** - A flashing LED indicates that a Client program is accessing the device
4. **Power LED** - A Power LED lights when the KN9000 is powered up and ready to operate.

Fig.1

4 The KN9000 Unit (Back)

The rear panel of the unit consists (Fig.2):

1. **Power Socket**
   Plug the AC source power cord into the power socket.
2. **Power Switch**
   Turn on the KN9000 with the power switch.
3. **DIP Switch** (See step **6** for detail)

5 The KN9000 Unit (Back)

4. **RJ-45 Jack**
   Plug the cable that connects the KN9000 to the network into the RJ-45 jack.

   CAUTION: Use twisted pair category 5 or higher grade cable which meets EIA/TIA 568B or 568A pin configurations.
5. **Local Console Port**
   The local administrator's keyboard, monitor, and mouse plug in here. Each port is indicated by an appropriate icon. The administrator can use this console to access the server (or KVM switch) connected to the KN9000.
6. **KVM Port Section**
   The KVM cable that links the KN9000 to the server or KVM switch plugs into the KVM port section.

6 The DIP Switch

Fig.3

This drawing shows the default setting for the dip switch: 1-OFF, 2-ON, 3-OFF, 4-OFF.

Switch 1 is used for firmware selection. Switch 1 is set to the ON position to load the factory default firmware. If you set this switch to the OFF position with no user firmware loaded, the boot program loads the factory default.

Switch 2 is used to accept the new IP address form the administrator utility software. Switch 2 is set to the ON position by default. We recommend you that the Switch 2 be set to the OFF position after you have finished configuring changes and exited the utility.

Switch 3 is used to match the serial number of KN9000 with the software. Switch 3 is set to the OFF position by default. If you set this switch to the ON position, the KN 9000 limits access to the software with the matching serial number.

Switch 4 is reserved for future applications.

7 Hardware Installation

To prevent damage to your equipment, please do the following before you begin installation:

- Make sure that power to all the devices you plan to connect with are turned off.
- Make sure that all devices on the installation are properly grounded. Consult your dealer for technical details if necessary.

8 Hardware Installation

To install the KN9000, refer to *Fig.4*. *Fig.5*:

1. Plug the local administrator's keyboard, mouse, and monitor into the unit's Console Ports.

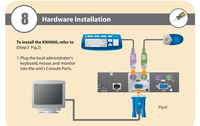

Fig.4

9 Hardware Installation

2. Use the KVM cable provided in the package to connect KN9000 to the console ports of the server or KVM switch that you are installing.

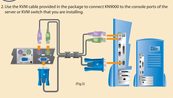

Fig.5

10 Hardware Installation

3. Plug one end of the networking cable into the KN9000's RJ-45 socket, and connect the other end of the cable to a network. The network connection may be a hub, switch, or router.

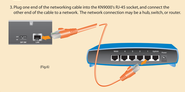

Fig.6

11 Hardware Installation

4. Plug the power cord into the KN9000's Power Socket and an AC power source. *Fig.7*
5. Power up your server or KVM.
6. Power up the KN9000. (Fig.8)

Fig.7 Fig.8 Fig.9

12 Software Installation

KN9000 software includes 4 major components:

Administrator Tool;
Windows Client;
Log Server;
Java Client.

You have to install the 4 components separately according to what you need to do on this particular computer. To start installation, insert the Altusen software CD into your CD-ROM drive, double click the CD-ROM icon in My Computer to verify that all 4 components are included in this CD.

13 Software Installation

Install the Administrator Tool Utility

1. Insert the ALTUSEN CD-ROM into the appropriate CD-ROM drive. Open the drive letter that corresponds to the CD-ROM. Open the file folder containing the Administrator Tool Setup icon and double-click the Administrator Tool Setup icon.
2. The Administration Utility installation screen appears (Fig.10)
3. Follow the on-screen instructions to complete the installation.

Fig.10

14 Software Installation

Install the Windows Client

1. Insert the ALTUSEN CD-ROM into the appropriate CD-ROM drive. Open the drive letter that corresponds to the CD-ROM. Open the file folder containing the Windows Client Setup icon and double-click the Windows Client Setup icon.
2. The Windows Client installation screen appears (Fig.11)
3. Follow the on-screen instructions to complete the installation.

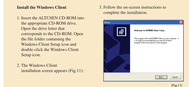

Fig.11

15 Software Installation

Install the Log Server

1. Insert the ALTUSEN CD-ROM into the appropriate CD-ROM drive. Open the drive letter that corresponds to the CD-ROM. Open the file folder containing the Log Server Setup icon and double-click the Log Server Setup icon.
2. The Log Server installation screen appears (Fig.12)
3. Follow the on-screen instructions to complete the installation.

Fig.12

16 Software Installation

Install the Java Client

Insert the ALTUSEN CD-ROM into the appropriate CD-ROM drive. Open the drive letter that corresponds to the CD-ROM. Open the file folder containing the Java Client program and copy the file to your desktop screen.

The Installation of KN9000 is now completed and ready to be used. Refer to the KN9000 manual for operational instructions.

NOTE: The Java Client software makes the KN9000 accessible to all platforms. Unlike the Windows Client software, the Java Client runs on Linux, Sun Solaris, and other platforms. The KN9000 Java Client is available for free download from Sun's Java technology Center site.