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The KC-1200 Management Software

Quick Start

Introduction

This manual is a quick start guide for using Web Management and Telnet console Management software to configure and monitor the KC1200 Media Converter Center. It is specifically designed for network administrators who have a basic knowledge of Networks and the authority for setting up the network.

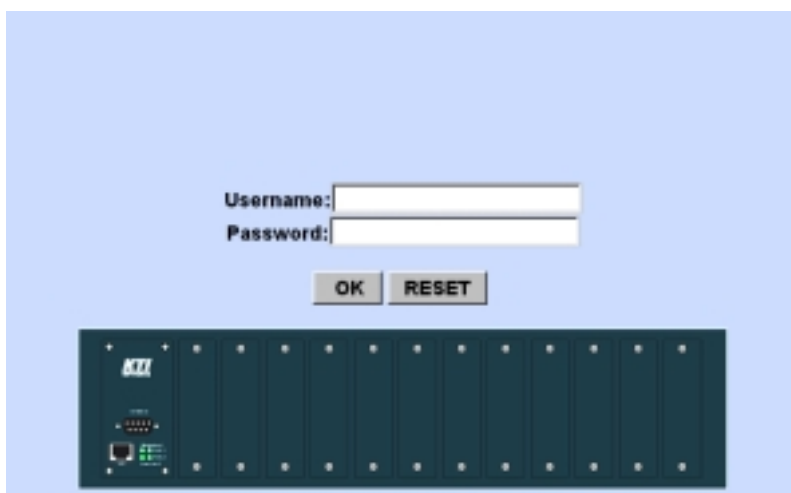
There are three ways to provide management to the KC1200: Web-based Management, Telnet (Virtual Console) and finally by directly connecting to the console port. The first two provide access through remote management. The latter allows for local onsite management through direct connection.

Web Based Management

The KC1200 can be managed from anywhere and with any platform using a Web Browser. The reason this is possible is that the KC1200 has a web server running when it is booted up.

The simple usage of the KC1200 Web View.

By using any graphical web browser, a user can access the KC1200 Web view. To be able to access this option, a user would open a web browser such as Netscape 4.x and in the location section a user would enter the KC1200's IP address as the URL and press return then the following image will be displayed:

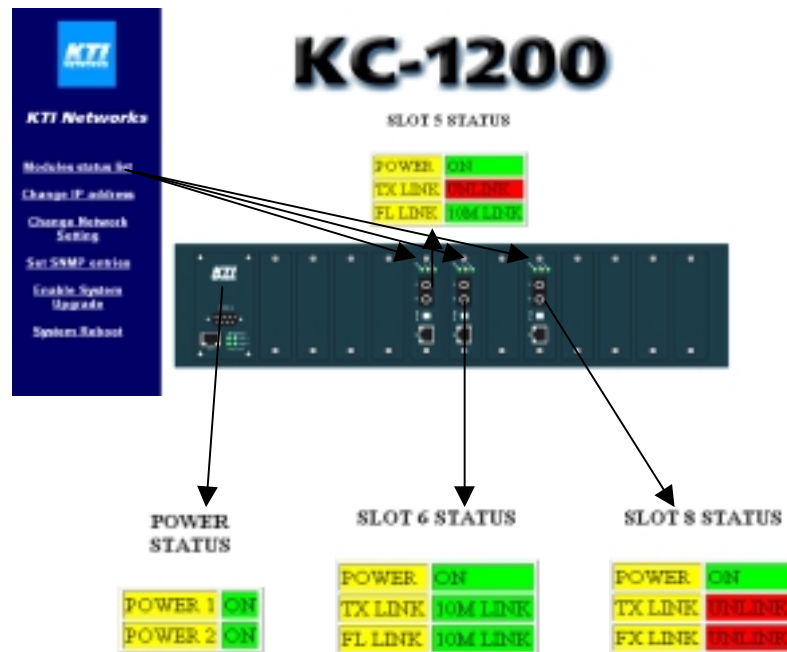


There are two login usernames: root and guest. Root has full-featured user access which requires a password. For security reasons this password can only be modified through the telnet view. The other option is through guest login. This provides access for viewing purposes only.

After the initial login screen, the modules status screen will be displayed along with a menu for accessing further function settings, these include: modules status list, change IP address, change network settings, set SNMP entries, enable system upgrade and system reboot.

Modules status list

Clicking on any available module, displays graphically the status of that module. Four examples are provided in the following image:



Change IP Address

By clicking on the Change IP address the following image will be displayed on the screen. This option is to allow a user to set or change the KC1200 IP address.



Change Network Setting

By clicking on the Change Network Setting a user can set or change their KC1200 network settings. Information needed to complete this screen includes: gateway, netmask, broadcast and network addresses. The following image is an example of this screen, with sample addresses entered.

KTI Networks

- Modules status list
- Change IP address
- Change Network Setting**
- Set SNMP entries
- Enable System Upgrade
- System Reboot

KC-1200

| | |
|-----------|---------------|
| GATEWAY | 102.60.65.1 |
| NETMASK | 255.255.255.0 |
| BROADCAST | 102.60.65.255 |
| NETWORK | 102.60.65.0 |

OK RESET

Set SNMP Entries

By clicking on the Set SNMP entries the following image will be displayed on the screen. This option is used to set or change KC1200 SNMP entries.

KTI Networks

- Modules status list
- Change IP address
- Change Network Setting
- Set SNMP entries**
- Enable System Upgrade
- System Reboot

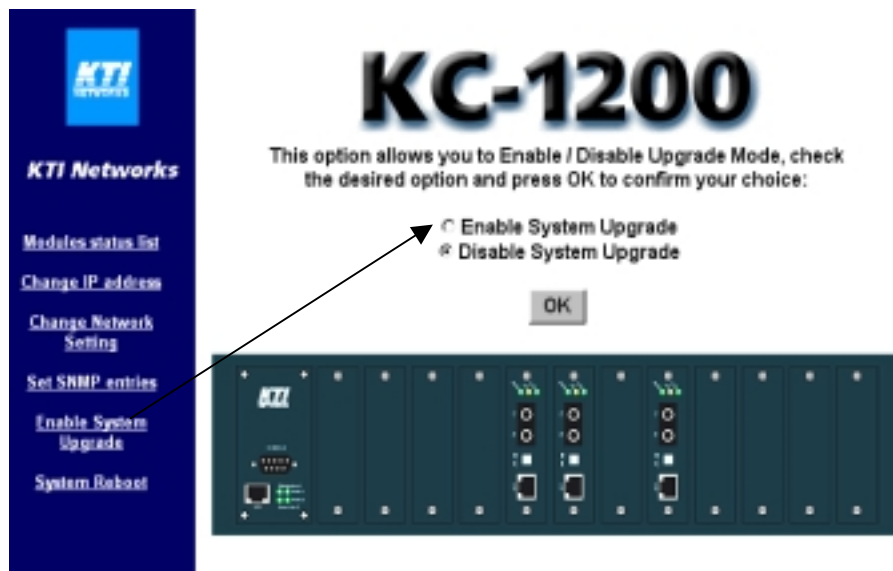
KC-1200

| | |
|-------------|----------------|
| SysContact | Not Configured |
| SysLocation | Not Configured |
| SysName | chapple1 |

OK RESET

Enable System Upgrade

By clicking on the Enable System Upgrade the image shown below will be displayed on the screen.



If you enable this option this will allow for software upgrades to be possible.

System Reboot

By clicking on the System Reboot menu option, the following image will be displayed on the screen.



IMPORTANT:

This option is extremely important because each change will not take effect unless the KC1200 has a software reboot.

Virtual Console Based (Telnet) Management and Direct Connection through Console Port

Both the Telnet and Direct Connection has the same view using a virtual console based management system.

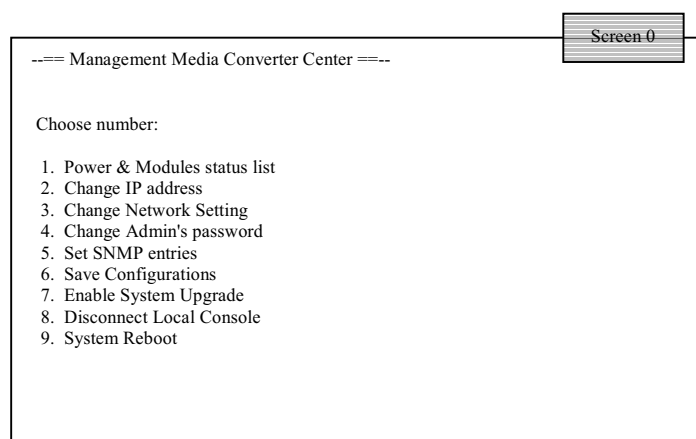
The Telnet function allows the KC1200 to be remotely managed from anywhere using any platform using a Telnet service provided on the KC1200 when it is booted up.

The direct connection approach is for local direct connection through the console port.

The simple usage of the KC1200 Telnet View

Use telnet to connect to the KC1200 telnet management system by connecting to the IP address of the KC1200. After which you will be asked to provide a login username and password. As mention previously there are two logins available for the KC1200 either root or guest, where root has a required password as it has full-featured capabilities and guest does not need a password as it has view access only.

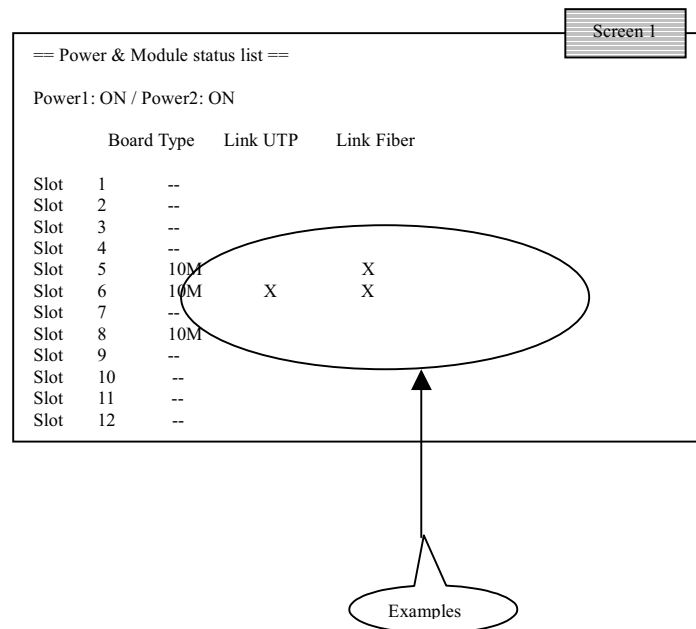
After login, the following screen will be displayed:



Note that by pressing a number from 1 to 9 moves you to the required screen for the corresponding action.

Modules Status List

After selecting <option 1> modules status list, the following screen will be displayed:



== Power & Module status list ==

Power1: ON / Power2: ON

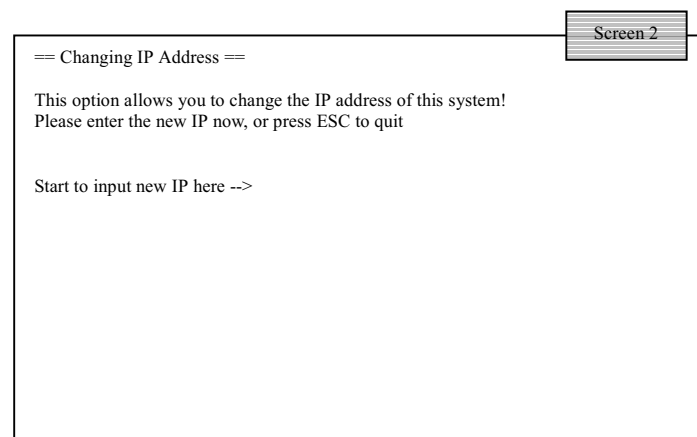
| Slot | Board Type | Link UTP | Link Fiber |
|---------|------------|----------|------------|
| Slot 1 | -- | | |
| Slot 2 | -- | | |
| Slot 3 | -- | | |
| Slot 4 | -- | | |
| Slot 5 | 10M | | X |
| Slot 6 | 10M | X | X |
| Slot 7 | -- | | |
| Slot 8 | 10M | | |
| Slot 9 | -- | | |
| Slot 10 | -- | | |
| Slot 11 | -- | | |
| Slot 12 | -- | | |

Examples

This allows a user to view the status of modules on the KC1200.

Change IP Address

Selecting <option 2> allows a user to set or modify the IP address for the KC1200. The following screen will be displayed when this option is selected:



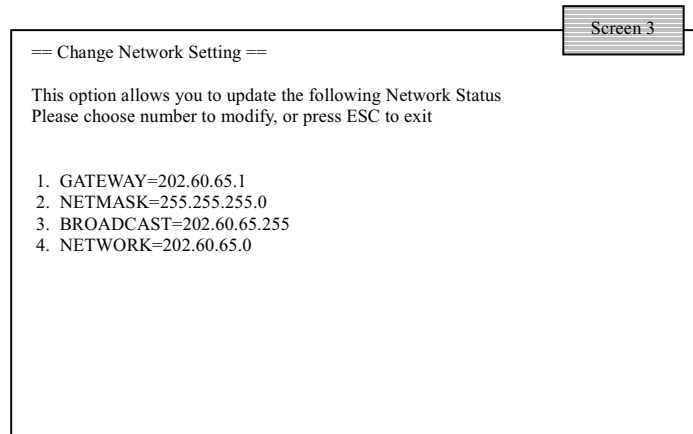
== Changing IP Address ==

This option allows you to change the IP address of this system!
Please enter the new IP now, or press ESC to quit

Start to input new IP here -->

Change Network Settings

Selecting <option 3> allows a user to set or modify the Network Settings for the KC1200. The following screen will be displayed when this option is selected:



Screen 3

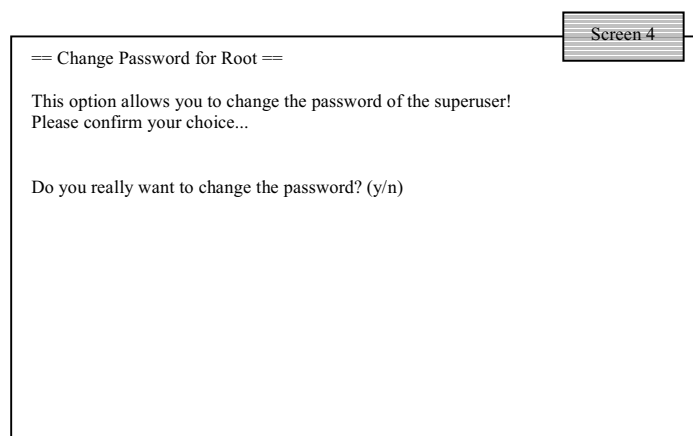
== Change Network Setting ==

This option allows you to update the following Network Status
Please choose number to modify, or press ESC to exit

1. GATEWAY=202.60.65.1
2. NETMASK=255.255.255.0
3. BROADCAST=202.60.65.255
4. NETWORK=202.60.65.0

Change Password

Selecting <option 4> allows a user to change the password for the root username for the KC1200. The following screen will be displayed when this option is selected:



Screen 4

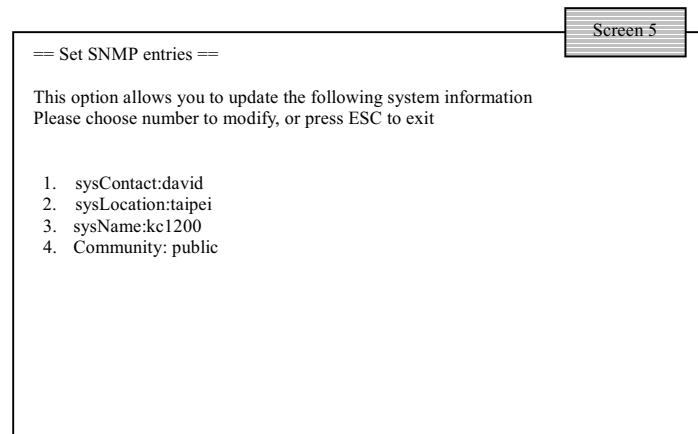
== Change Password for Root ==

This option allows you to change the password of the superuser!
Please confirm your choice...

Do you really want to change the password? (y/n)

Set SNMP Entries

Selecting <option 5> allows a user to set or modify the SNMP for the KC1200. The following screen will be displayed when this option is selected:

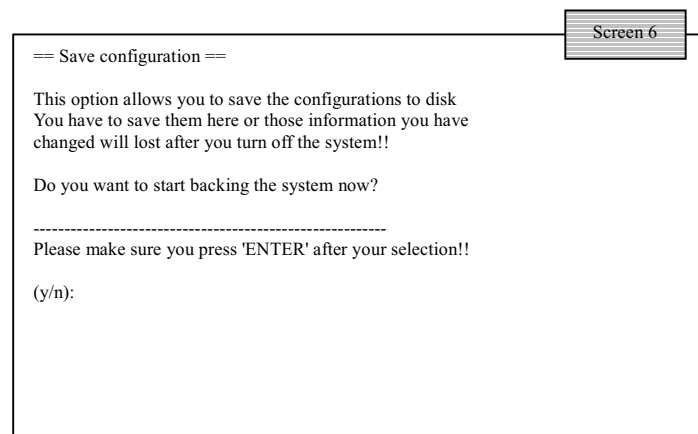


```
== Set SNMP entries ==
This option allows you to update the following system information
Please choose number to modify, or press ESC to exit

1. sysContact:david
2. sysLocation:taipei
3. sysName:kc1200
4. Community: public
```

Save Configuration

Selecting <option 6> allows a user to save the configuration settings to disk. The following screen will be displayed when this option is selected:



```
== Save configuration ==
This option allows you to save the configurations to disk
You have to save them here or those information you have
changed will lost after you turn off the system!!

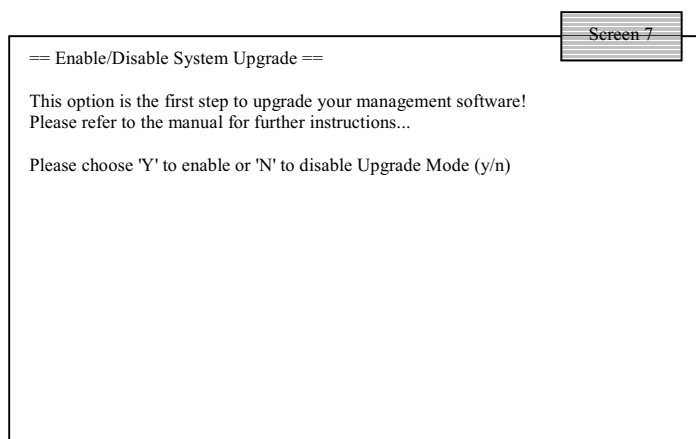
Do you want to start backing the system now?

-----
Please make sure you press 'ENTER' after your selection!!

(y/n):
```

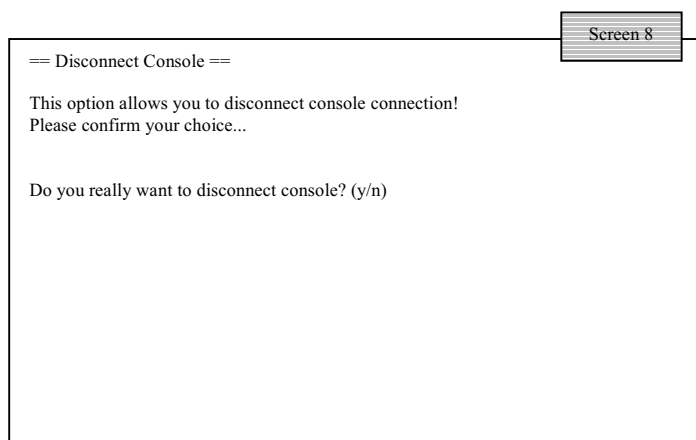
Enable/Disable System Upgrade

Selecting <option 7> allows a user to enable to disable system upgrades of your management software for the KC1200. The following screen will be displayed when this option is selected:



Disconnect Local Console

Selecting <option 8> will disconnect your local RS-232 console. The following screen will be displayed when this option is selected:



System Reboot

Selecting <option 9> reboots the KC1200 so that changes made in the management software takes effect. The following screen will be displayed when this option is selected:

