

## 7. Functions for Configuration

This chapter explains how to configure options in details by using AdminManager, Web browser or TELNET.

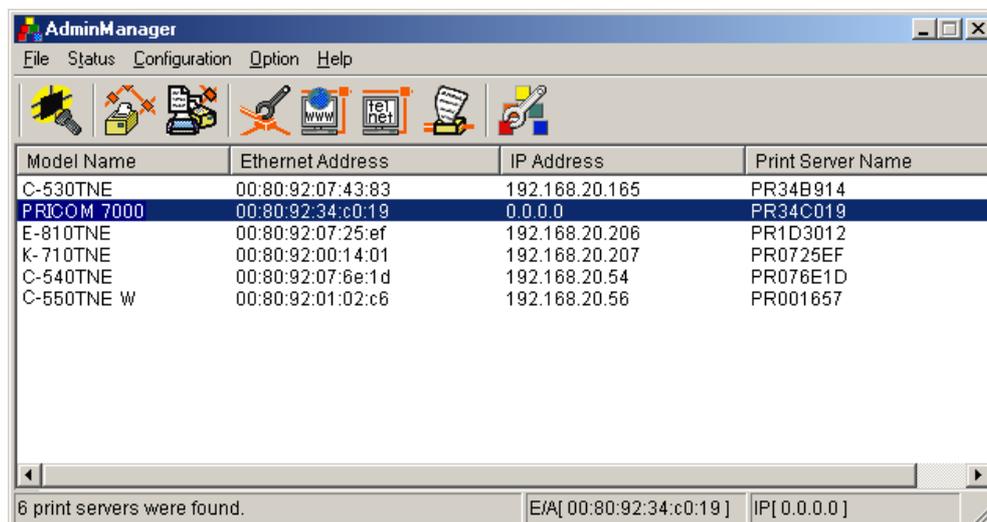
### Configuration by Using AdminManager

By using AdminManager, you can specify or modify PRICOM detail configuration. AdminManager also has convenient additional features such as, remote rebooting, self-diagnostic printing, printer status monitoring and NetWare queuing wizard.



**TIP**

- Remote rebooting and remote self-diagnostic printing may not be available on some PRICOM models.
- To use AdminManager, TCP/IP or IPX/SPX protocol must have been installed on your PC. Contents displayed on the AdminManager may vary depending on PRICOM you use.
- When you use TC/IP protocol in Windows XP, click **Local Area Connection Properties**, then **Advanced**, then remove the check from **Protect my computer and network by limiting or preventing access to this computer from the Internet**.

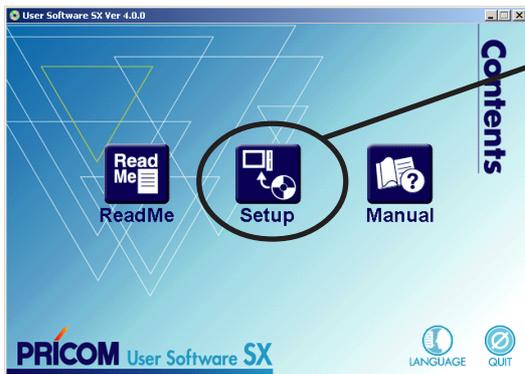


Model Name	Ethernet Address	IP Address	Print Server Name
C-530TNE	00:80:92:07:43:83	192.168.20.165	PR34B914
PRICOM 7000	00:80:92:34:c0:19	0.0.0.0	PR34C019
E-810TNE	00:80:92:07:25:ef	192.168.20.206	PR1D3012
K-710TNE	00:80:92:00:14:01	192.168.20.207	PR0725EF
C-540TNE	00:80:92:07:6e:1d	192.168.20.54	PR076E1D
C-550TNE W	00:80:92:01:02:c6	192.168.20.56	PR001657

6 print servers were found.      E/A[ 00:80:92:34:c0:19 ]    IP[ 0.0.0.0 ]

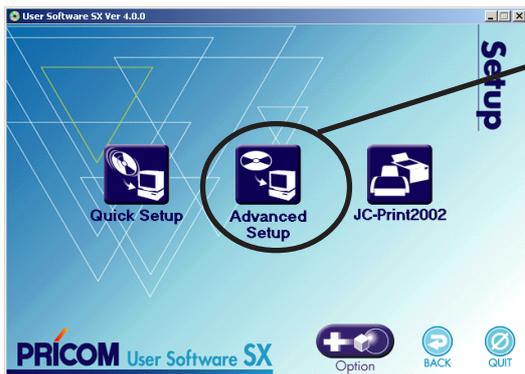
## Starting AdminManager

1. Insert the User Software SX in the CD-ROM drive. The main menu screen will be displayed.



Click **Setup**.

2. The below screen will be displayed.



Click **Advanced Setup**.

3. Installation confirmation screen will be displayed.



Select **Without installing, direct activation via CD-ROM is possible**.

Click **Next**.



**NOTE**

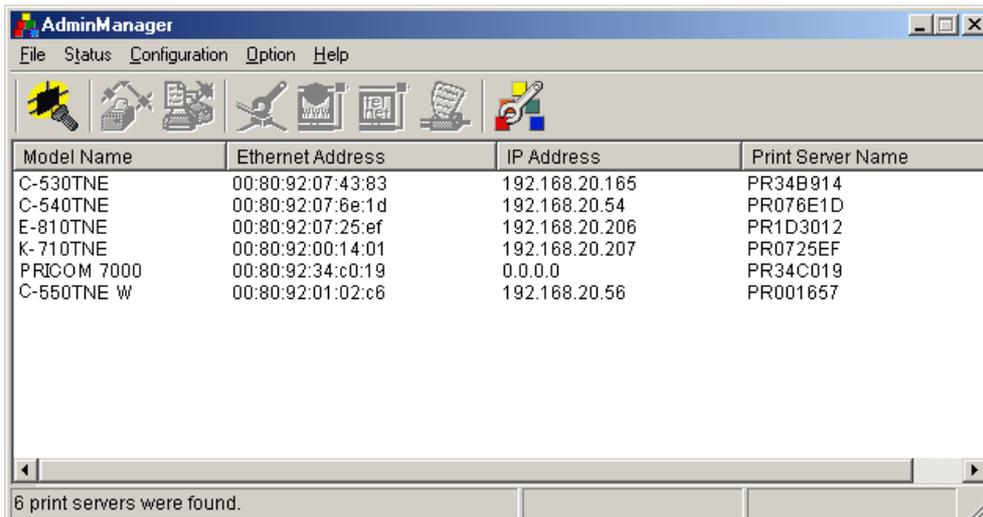
-If you intend to use the AdminManager frequently, select **Installing AdminManager in your PC**.

## 4. Confirm the Software License Agreement.



Read the agreement and click **Yes** if you accept it.

## 5. AdminManager will start.



## Searching PRICOM Using AdminManager

Before setting up PRICOM, verify that it can be discovered by AdminManager. If not, select Settings, then assign an IP address.

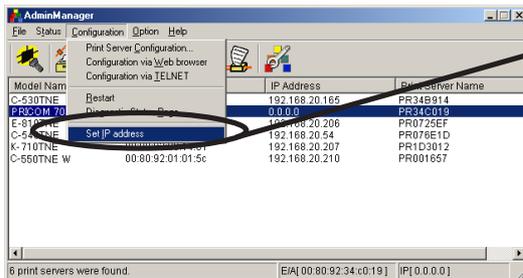
### Assigning an IP address

Assign an IP address manually.



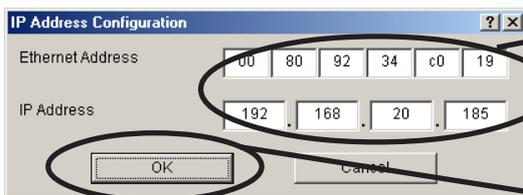
-Before assigning an IP address, verify PRICOM Ethernet address. The address can be found on the self-diagnostic print sheet. (e.g. 00:80:92:34:c0:19)

1.



On the AdminManager menu bar, select **Settings**, then **Set IP address** to start IP address configuration tool.

2.



Enter Ethernet address and IP address of PRICOM to be configured.

Click **OK**.

3.



To validate the IP address, reset PRICOM.



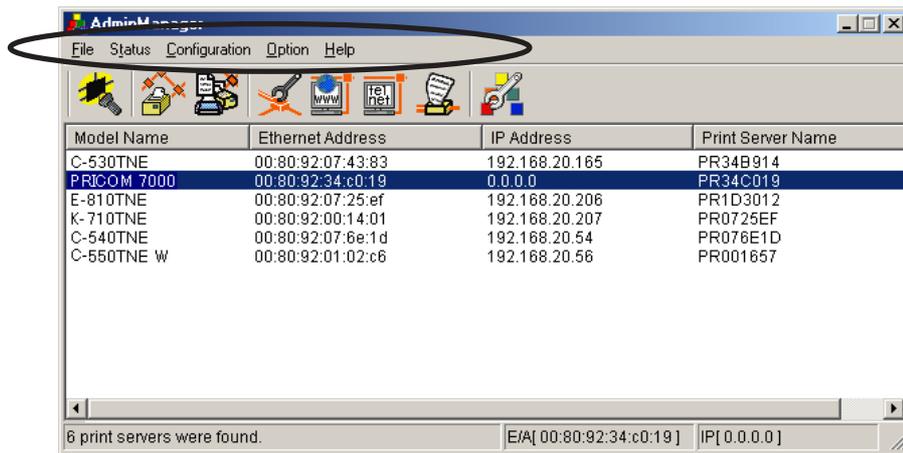
-Restart process of AdminManager may not work depending on printer type. In that case, switch off and on the printer power.

## Functions of AdminManager

### AdminManager menu structure



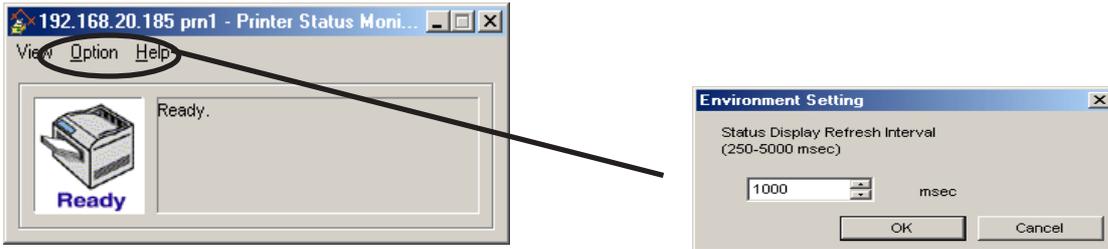
-The menu options displayed on AdminManager may vary depending on the model or operating environment.



Menu	Item	Explanation
File	Search	Search PRICOM in the network.
	Quit Application	Quit the AdminManager.
Status	Printer Status	Display the system status monitor
	System Status	Display the printer status monitor
	Configuration summary	Display PRICOM internal configuration information.
Configurati on	Configuration Print Server	Configure various parameters of PRICOM
	Configuration via Web browser	Start PRICOM Web site
	Configuration via TELNET	Start TELNET
	Restart	Restart PRICOM
	Diagnostic status page	Start PRICOM self-diagnostic print
	AssignIP address	Manually assign the IP address.
Option	Search using TCP/IP Protocol	Search PRICOM using TCP/IP
	Search using IPX/SPX Protocol	Search PRICOM using IPX/SPX
	Environment configuration	Configure AdminManager environment
Help	Version display	Display AdminManager version

## Printer status

You can monitor the status of printer connected to PRICOM by AdminManger. You can also specify the refresh time of printer status on the environment configuration screen.



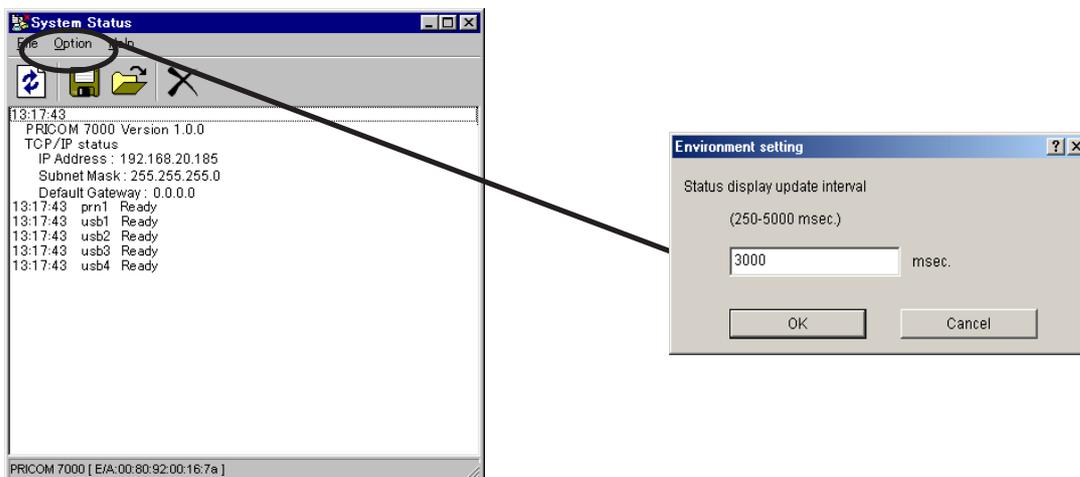
Printer status environment configuration.



-Printer status may not be obtained properly depending on the printer model.

## System status

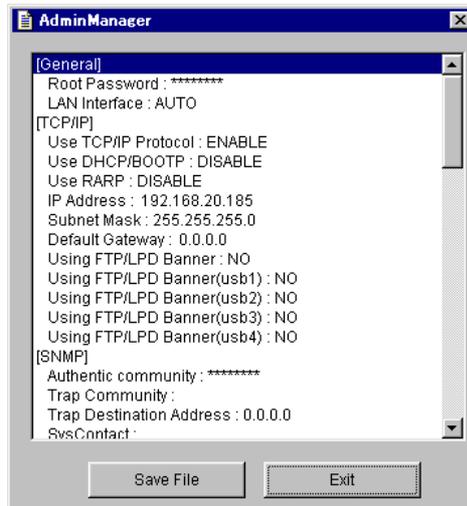
Operating status of the PRICOM selected on AdminManager screen is displayed. The operating status can be saved onto a file (log registration) and referenced later. You can also specify the refresh time of printer status on the environment configuration screen.



-The displayed contents may vary depending on the PRICOM you use.

## Configuration Parameters List

The list of PRICOM configuration parameters will appear. These configuration can be printed to file and managed.



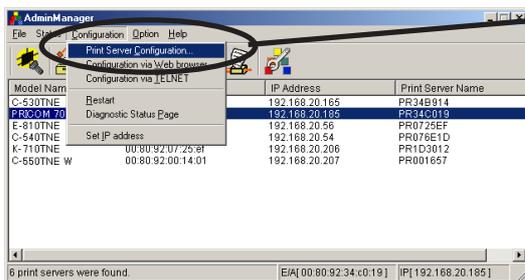
-The displayed contents may vary depending on PRICOM you use.

## Configuring PRICOM Using AdminManager

### Configuring Print Server

Click **Settings**, then **Print Server Configuration** for PRICOM detail configuration and modification of the configuration.

1.



Choose PRICOM to be configured and then click **Settings**, then **Print Server Configuration** in the AdminManager menu bar.

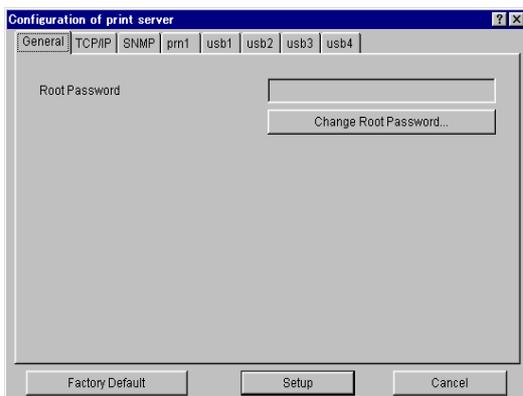


- When PRICOM is protected with the password, password input screen will be displayed.
- By checking **Guest user**, you can view configuration parameters, but cannot change the information.



Password input screen

2.

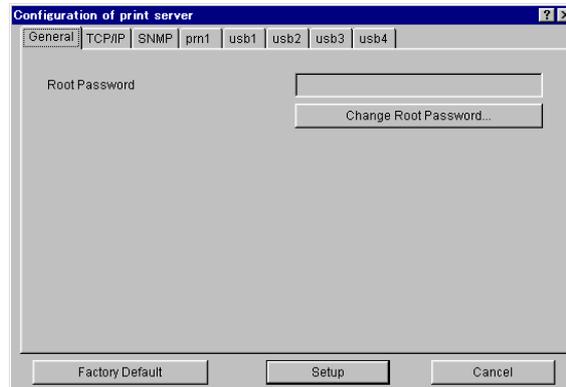


The screen shown left will be displayed. Select the tab you want to configure.



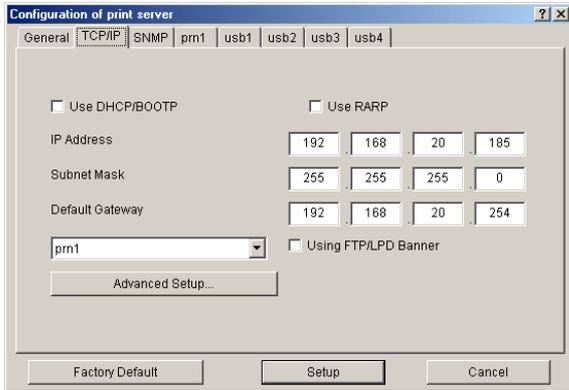
- The displayed tab may vary depending on PRICOM you use.
- Use the scroll button to view remaining tabs, if any.

## General Configuration



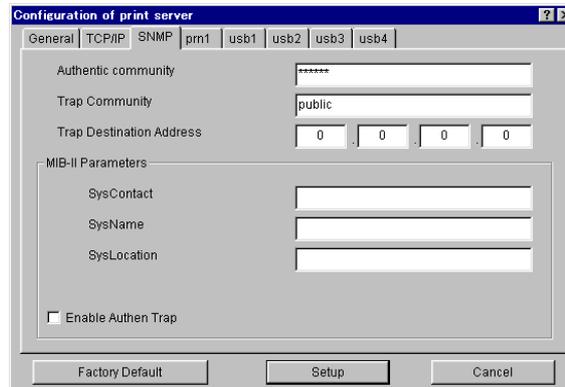
Tab	Item	Explanation	Factory Default
General	Root Password	Please enter the password in ASCII TEXT (up to seven (7) character). This password will be used for configuration changes via AdminManager, Telnet, Web page.	-
	Change Root Password	The input screen for root password opens.	-

## TCP/IP Configuration



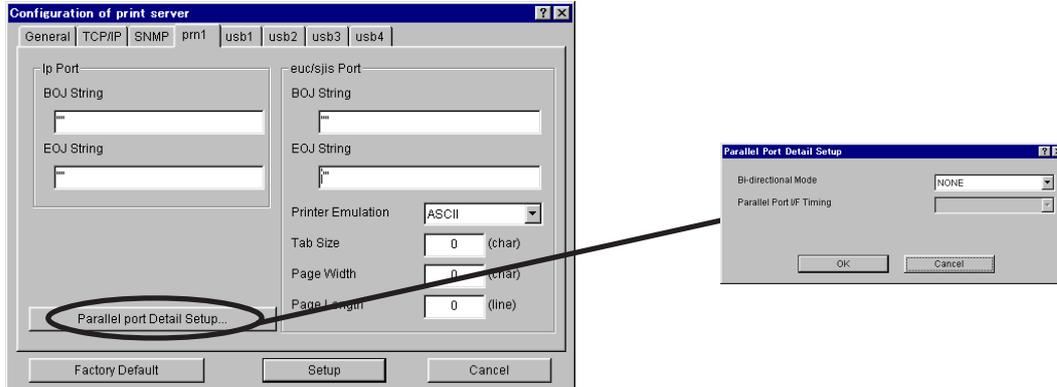
Tab	Item	Explanation	Factory Default
TCP/IP	Use TCP/IP Protocol	Enable/Disable TCP/IP protocol operations. This has influence on the configuration of Setup Tools, LPR, FTP, TELNET, SNMP, HTTP and other protocols over TCP/IP.	ENABLE
	Use DHCP/BOOTP	Enable/Disable DHCP/BOOTP protocol operations. DHCP/BOOTP is a protocol, via which IP address gets assigned by the BOOTP server or DHCP server. If you use DHCP/BOOTP server, the DHCP/BOOTP server must be in the same segment as the print server. This print server detects DHCP and BOOTP automatically. If more than 1 address get returned, the IP address which is returned first will be used.	ENABLE
	Use RARP	Enable/Disable RARP protocol operations. RARP is a protocol, via which IP address gets assigned by the RARP server. If you use RARP server, the RARP server must be in the same segment as the print server.	ENABLE
	IP Address	Setting the Print Server IP address. The IP address must be 4 numbers, each between 0-255 (eg. 192.168.100.10).	0.0.0.0
	Subnet Mask	Setting the print server subnet mask. The subnet mask must be 4 numbers, each between 0-255 (eg. 255.255.255.0). However, entering 0.0.0.0 would not be valid, and the subnet mask corresponding to the IP address would be used automatically.	0.0.0.0
	Default Gateway	Setting the default gateway address. The default gateway address must be 4 numbers, each between 0-255 (eg. 192.168.100.240). If you use a gateway, the gateway must be in the same segment as the print server. However, entering 0.0.0.0 would not be valid.	0.0.0.0
	Use FTP/LPD Banner	You can select to use a banner page when printing with LPR and FTP. (A banner page is print cover page with print job explanations.)	DISABLE
Advanced Setup	ThinPrint	Enable/Disable ThinPrint operations.	ENABLE
	ThinPrint Port Number	Configure the port number to use ThinPrint.	4000

## SNMP Configuration



Tab	Item	Explanation	Factory Default	
SNMP	Authentication community	Specify the authentication community name of SNMP. This community name is authenticated when an SNMP set request is received.	public	
	Trap Community	Specify the trap community of SNMP. This community name is used when the print server send a trap.	public	
	Trap Destination Address	Specify the destination IP address of the SNMP trap. The value is a four-part series of numbers separated by decimal points, such as "xxx.xxx.xxx.xxx". When the value is "0.0.0.0"(default), this item is disabled and a trap will not be generated in any cas	0.0.0.0	
	MIB-II Parameters	SysContact	Specify the SysContact of the MIB-II object. The e-mail address of the network administrator is used.	-
		SysName	Specify the SysName of the MIB-II object. The host name or domain name of the print server is used.	-
		SysLocation	Specify the SysLocation of the MIB-II object. The location of the print server is used.	-
DefaultTTL		Specify the Default TTL of MIB-II object in the range of "0 to 255". This value means the longest time of an IP packet's existence. Usually the value should be the default.	255	
Enable Authen Trap	Select whether to allow or disallow the "EnableAuthenTrap" of the MIB-II object. If a violation of the community occurs "allow" is the setting, the SNMP trap is sent to the IP address specified in "TRAP Address".	ENABLE		

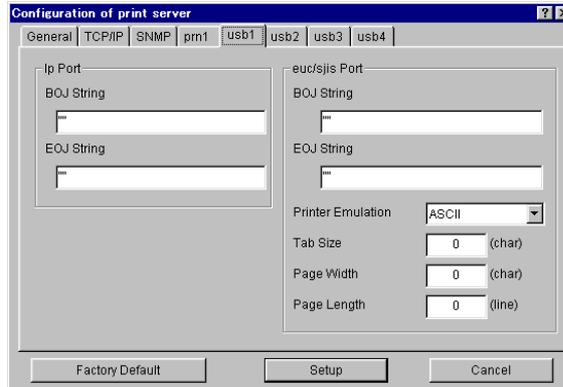
## PrinterPort Configuration



Tab	Item	Explanation	Factory Default	
PrinterPort	Ip Port	BOJ String	Specify the string to be transmitted to the printer before output to the direct output port (Ip port). Specify the string when a control code, etc. needs to be sent before printing.	-
		EOJ String	Specify the string to be transmitted to the printer after output to the direct output port (Ip port). Specify the string when a control code, etc. needs to be sent after printing.	-
	euc/sjis Port	BOJ String	Specify the string to be transmitted to the printer before output to the port via a Kanji filter (sjis/euc). Specify the string when a control code, etc. needs to be sent before printing. (Kanji - double sized character for Japanese)	-
		EOJ String	Specify the string to be transmitted to the printer after output to the port via a Kanji filter (sjis/euc). Specify the string when a control code, etc. needs to be sent after printing. (Kanji - double sized character for Japanese)	/f
		Printer Emulation	Configure to correspond with the PDL(Printer Description Language). The printing data will be converted to a code that corresponds to the printer emulation in outputting to the output port via Kanji filter (sjis/euc). (Kanji - double sized character for Japanese)	ASCII
	Tab Size	Specify the number of characters to convert the tab code (0x09) to half size (single-byte) space (0x20) in outputting via a Kanji filter. When the value is 0, the tab is not converted. The value is from 0 to 16. (Kanji - double sized character for Japanese)	8	

Tab	Item	Explanation	Factory Default	
Printer Port	euc/sjis Port	Page Width	Specify the number of characters in a line when outputting via Kanji filter. The value is from 0 to 255. (Kanji - double sized character for Japanese)	0
		Page Length	Specify the number of lines on a page when outputting via Kanji filter. The value is from 0 to 255. (Kanji - double sized character for Japanese)	0
	parallel port Detail Setup	Print Port Mode	Specify the operation mode of the parallel port. You can obtain printer status from a printer that supports bi-directional transmission by setting the bi-directional mode.	NONE

## USBPort Configuration



Tab	Item	Explanation	Factory Default	
USBPort	Ip Port	BOJ String	Specify the string to be transmitted to the printer before output to the direct output port (Ip port). Specify the string when a control code, etc. needs to be sent before printing.	-
		EOJ String	Specify the string to be transmitted to the printer after output to the direct output port (Ip port). Specify the string when a control code, etc. needs to be sent after printing.	-
	euc/sjis Port	BOJ String	Specify the string to be transmitted to the printer before output to the port via a Kanji filter (sjis/euc). Specify the string when a control code, etc. needs to be sent before printing. (Kanji - double sized character for Japanese)	-
		EOJ String	Specify the string to be transmitted to the printer after output to the port via a Kanji filter (sjis/euc). Specify the string when a control code, etc. needs to be sent after printing. (Kanji - double sized character for Japanese)	/f
		Printer Emulation	Configure to correspond with the PDL(Printer Description Language). The printing data will be converted to a code that corresponds to the printer emulation in outputting to the output port via Kanji filter (sjis/euc). (Kanji - double sized character for J)	ASCII
		Tab Size	Specify the number of characters to convert the tab code (0x09) to half size (single-byte) space (0x20) in outputting via a Kanji filter. When the value is 0, the tab is not converted. The value is from 0 to 16. (Kanji - double sized character for Japanes)	8
	euc/sjis Port	Page Width	Specify the number of characters in a line when outputting via Kanji filter. The value is from 0 to 255. (Kanji - double sized character for Japanese)	0
		Page Length	Specify the number of lines on a page when outputting via Kanji filter. The value is from 0 to 255. (Kanji - double sized character for Japanese)	0

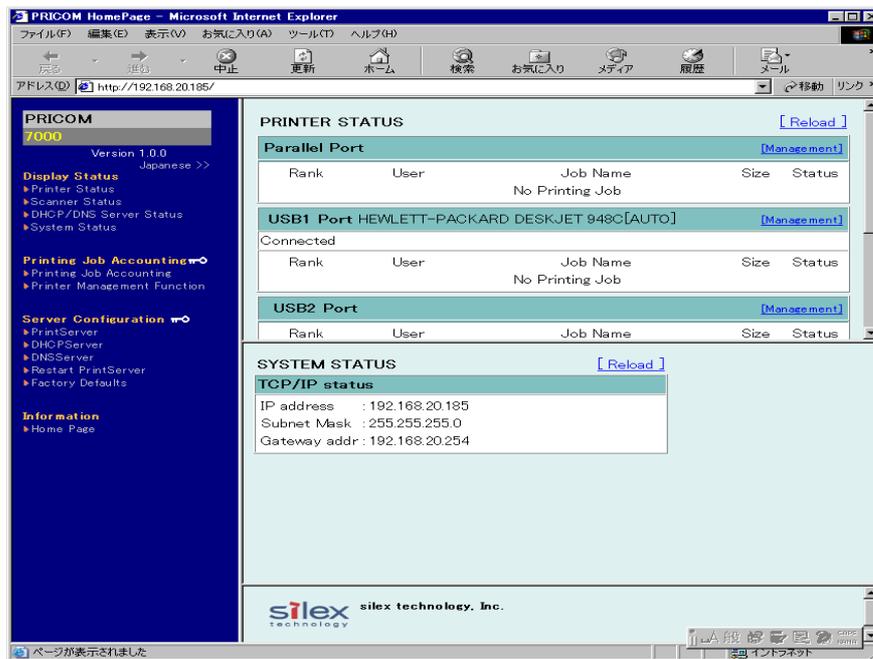
## Configuring PRICOM via Web browser

This chapter explains how to access PRICOM Webpage by using Web browser. PRICOM has HTTP which enables you to check or change PRICOM configuration and check the printer status.



**TIP**

- IP address must be assigned to PRICOM when using Web browser.
- Internet Explorer3.0 (or above) or Netscape Navigator3.0 (or above) are recommended for Web browser.
- The display contents may vary depending on PRICOM you use.
- The PRICOM 7000 can have up to 100 items in the print queue.

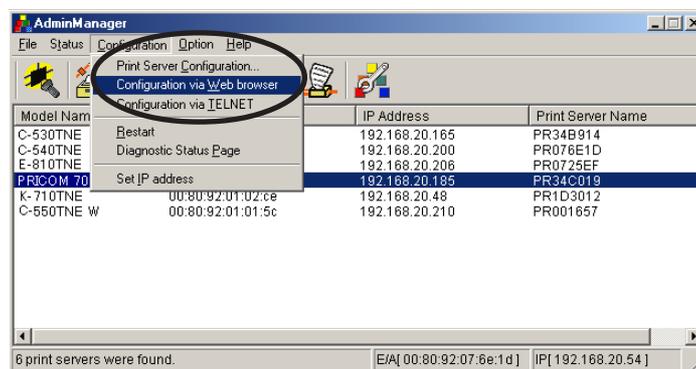


## Display PRICOM Webpage

To display the Webpage of PRICOM to be configured, follow one of the following steps.

### Displaying the webpage from AdminManager

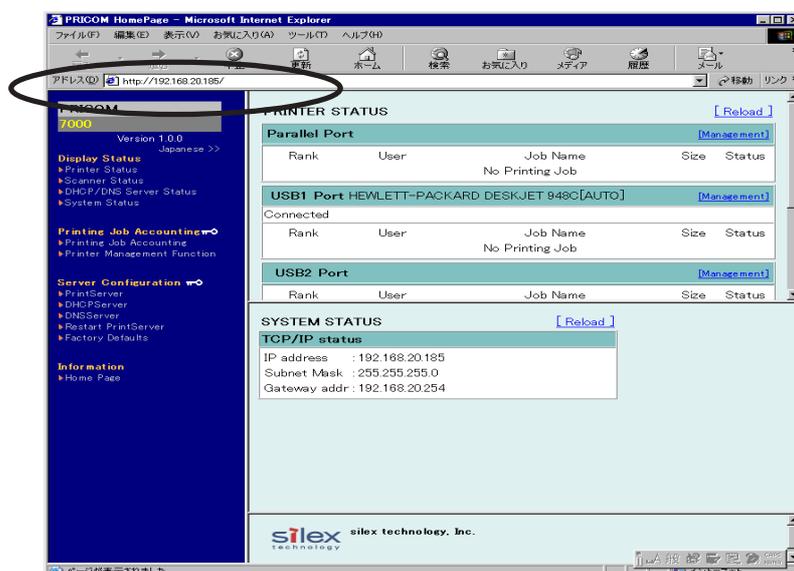
Select PRICOM to be configured from the AdminManager list, then click **Configuration**, then **Configuration via Web browser**.



### Displaying the webpage from Web browser

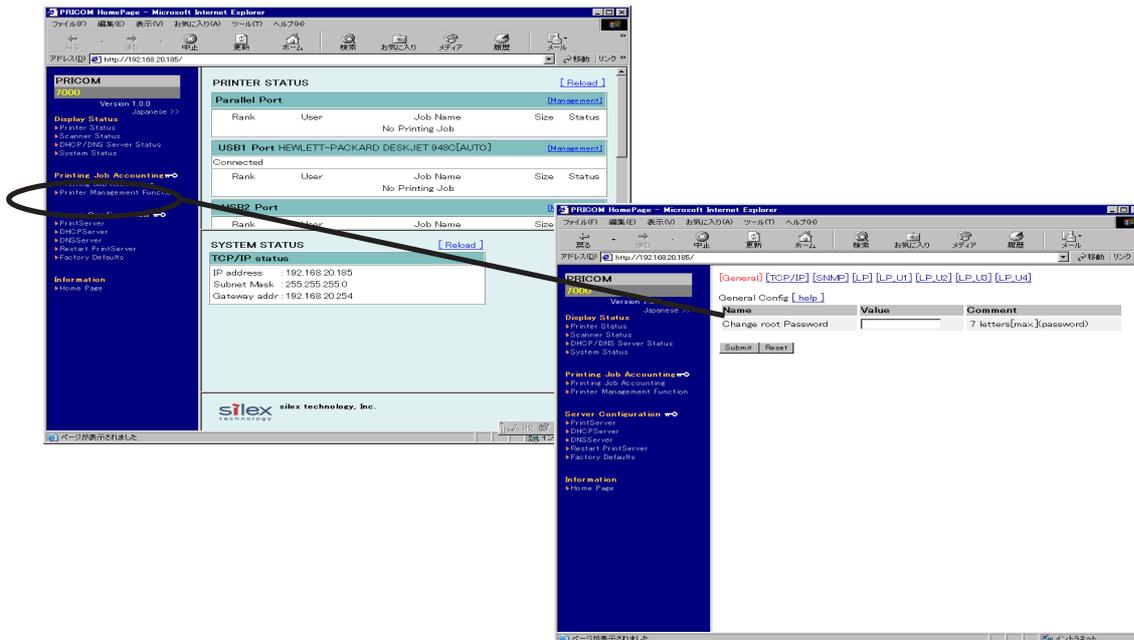
Enter the IP to assign for the PRICOM to the Web browser.

Example: <http://192.168.20.185> (PRICOM 3100)



## Configuration via the Webpage

Configuration screen will be displayed if you click the desired items among those listed on the Web browser. Enter the set value into the selected item.



Structure of PRICOM webpage menu.

	Item	Description
Display Status	Printer Status	Display printer status
	System Status	Display system status
Server Configuration	PrintServer	Configure PRICOM various parameters
	E-Mail (recv.)	Configure E-Mail receiving function
	E-Mail (send)	Configure E-Mail transmitting function
	TopPage Customize	Configure PRICOM Web page display
	Restart PrintServer	Reboot PRICOM
	Factory Default	Execute PRICOM factory default configuration
Information	silex technology, Inc.	Display silex technology, Inc. webpage



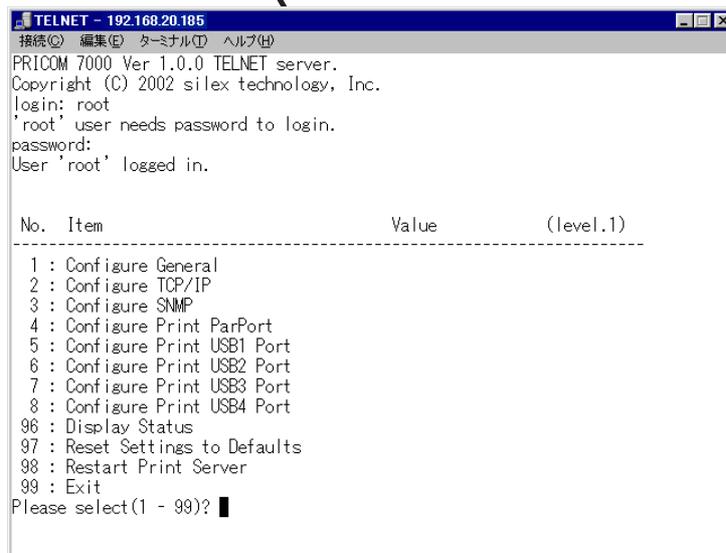
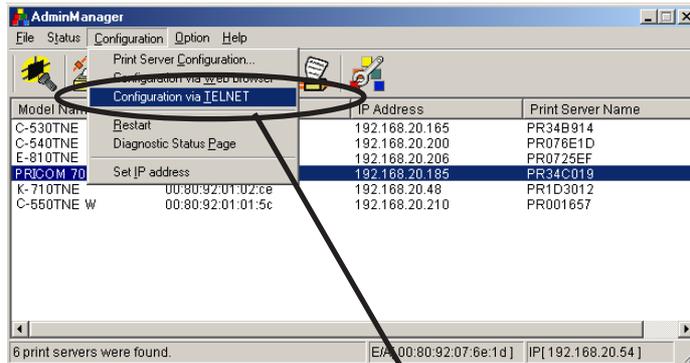
**TIP** -Top page of PRICOM webpage can be uniquely displayed by using the top page customizing function.

## Configuring PRICOM using TELNET

Since TELNET protocol is embedded in PRICOM, TELNET supplied with UNIX machine or PC TCP/IP software can be used to configure PRICOM in detail and also to change configuration.



- IP address need to be configured if using TELNET.
- You need to log in by root user to configure by TELNET.
- Available function may vary depending on PRICOM you use.



## Web browser/TELNET configuration items

### Print server function

#### General

	Item		Explanation	Factory Default
	Web browser	TELNET		
General	Change root Password	Change root Password	Please enter the password.(in ASCII TEXT) This password will be used for configuration changes via Telnet, Web page and Setup Tools.	-

#### TCP/IP

	Item		Explanation	Factory Default
	Web browser	TELNET		
TCP/IP	TCP/IP Protocol	TCP/IP Protocol	Enable/Disable TCP/IP protocol operations. This has influence on the configuration of Setup Tools, LPR, FTP, TELNET, SNMP, HTTP and other protocols over TCP/IP.	ENABLE
	DHCP/BOOTP	DHCP/BOOTP	Enable/Disable DHCP/BOOTP protocol operations. DHCP/BOOTP is a protocol, via which IP address gets assigned by the BOOTP server or DHCP server. If you use DHCP/BOOTP server, the DHCP/BOOTP server must be in the same segment as the print server. This print server detects DHCP and BOOTP automatically. If more than 1 address get returned, the IP address which is returned first will be used.	ENABLE
	RARP	RARP	Enable/Disable RARP protocol operations. RARP is a protocol, via which IP address gets assigned by the RARP server. If you use RARP server, the RARP server must be in the same segment as the print server.	ENABLE
	IP Address	IP Address	Setting the Print Server IP address. The IP address must be 4 numbers, each between 0-255 (eg. 192.168.100.10).	0.0.0.0
	Subnet Mask	Subnet Mask	Setting the print server subnet mask. The subnet mask must be 4 numbers, each between 0-255 (eg. 255.255.255.0). However, entering 0.0.0.0 would not be valid, and the subnet mask corresponding to the IP address would be used automatically.	0.0.0.0
	Default Gateway	Default Gateway	Setting the default gateway address. The default gateway address must be 4 numbers, each between 0-255 (eg. 192.168.100.240). If you use a gateway, the gateway must be in the same segment as the print server. However, entering 0.0.0.0 would not be valid.	0.0.0.0
	ThinPrint	ThinPrint	Enable/Disable ThinPrint operations.	ENABLE
	ThinPrint Port Number	ThinPrint Port Number	Configure the port number to use ThinPrint.	4000

## SNMP

	Item		Explanation	Factory Default
	Web browser	TELNET		
SNMP	Authentic Community	Authentic Community	Specify the authentication community name of SNMP. This community name is authenticated when an SNMP set request is received.	public
	Trap Community	Trap Community	Specify the trap community of SNMP. This community name is used when the print server send a trap.	public
	Trap Address(IP)	Trap Address(IP)	Specify the destination IP address of the SNMP trap. The value is a four-part series of numbers separated by decimal points, such as "xxx.xxx.xxx.xxx". When the value is "0.0.0.0"(default), this item is disabled and a trap will not be generated in any case.	0.0.0.0
	SysContact	SysContact	Specify the SysContact of the MIB-II object. The e-mail address of the network administrator is used.	-
	SysName	SysName	Specify the SysName of the MIB-II object. The host name or domain name of the print server is used.	-
	SysLocation	SysLocation	Specify the SysLocation of the MIB-II object. The location of the print server is used.	-
	EnableAuthenTrap	EnableAuthenTrap	Select whether to allow or disallow the "EnableAuthenTrap" of the MIB-II object. If a violation of the community occurs "allow" is the setting, the SNMP trap is sent to the IP address specified in "TRAP Address".	2

## PRINTER

	Item		Explanation	Factory Default
	Web browser	TELNET		
PRINTER	BOJ String (lp)	BOJ String (lp)	Specify the string to be transmitted to the printer before output to the direct output port (lp port). Specify the string when a control code, etc. needs to be sent before printing.	-
	EOJ String (lp)	EOJ String (lp)	Specify the string to be transmitted to the printer after output to the direct output port (lp port). Specify the string when a control code, etc. needs to be sent after printing.	-
	BOJ String (sjis/euc)	BOJ String (sjis/euc)	Specify the string to be transmitted to the printer before output to the port via a Kanji filter (sjis/euc). Specify the string when a control code, etc. needs to be sent before printing. (Kanji - double sized character for Japanese)	-
	EOJ String (sjis/euc)	EOJ String (sjis/euc)	Specify the string to be transmitted to the printer after output to the port via a Kanji filter (sjis/euc). Specify the string when a control code, etc. needs to be sent after printing. (Kanji - double sized character for Japanese)	\f
	Printer Emulation	Printer Emulation	Configure to correspond with the PDL(Printer Description Language). The printing data will be converted to a code that corresponds to the printer emulation in outputting to the output port via Kanji filter (sjis/euc). (Kanji - double sized character for Japanese)	ASCII
	TAB Size (char.)	TAB Size (char.)	Specify the number of characters to convert the tab code (0x09) to half size (single-byte) space (0x20) in outputting via a Kanji filter. When the value is 0, the tab is not converted. The value is from 0 to 16. (Kanji - double sized character for Japanese)	8
	Page Width (char.)	Page Width (char.)	Specify the number of characters in a line when outputting via Kanji filter. The value is from 0 to 255. (Kanji - double sized character for Japanese)	0
	Page Length (line)	Page Length (line)	Specify the number of lines on a page when outputting via Kanji filter. The value is from 0 to 255. (Kanji - double sized character for Japanese)	0
	Use FTP/LPD Banner	Use FTP/LPD Banner	You can select to use a banner page when printing with LPR and FTP. (A banner page is print cover page with print job explanations.)	NO
	Print Port Mode	Print Port Mode	Specify the operation mode of the parallel port. You can obtain printer status from a printer that supports bi-directional transmission by setting the bi-directional mode.	NONE

## USB Port

	Item		Explanation	Factory Default
	Web browser	TELNET		
USBPort	BOJ String (lp)	BOJ String (lp)	Specify the string to be transmitted to the printer before output to the direct output port (lp port). Specify the string when a control code, etc. needs to be sent before printing.	-
	EOJ String (lp)	EOJ String (lp)	Specify the string to be transmitted to the printer after output to the direct output port (lp port). Specify the string when a control code, etc. needs to be sent after printing.	-
	BOJ String (sjis/euc)	BOJ String (sjis/euc)	Specify the string to be transmitted to the printer before output to the port via a Kanji filter (sjis/euc). Specify the string when a control code, etc. needs to be sent before printing. (Kanji - double sized character for Japanese)	-
	EOJ String (sjis/euc)	EOJ String (sjis/euc)	Specify the string to be transmitted to the printer after output to the port via a Kanji filter (sjis/euc). Specify the string when a control code, etc. needs to be sent after printing. (Kanji - double sized character for Japanese)	\f
	Printer Port Mode	Printer Port Mode	Configure to correspond with the PDL(Printer Description Language). The printing data will be converted to a code that corresponds to the printer emulation in outputting to the output port via Kanji filter (sjis/euc). (Kanji - double sized character for J	ASCII
	TAB Size (char.)	TAB Size (char.)	Specify the number of characters to convert the tab code (0x09) to half size (single-byte) space (0x20) in outputting via a Kanji filter. When the value is 0, the tab is not converted. The value is from 0 to 16. (Kanji - double sized character for Japanese)	8
	Page Width (char.)	Page Width (char.)	Specify the number of characters in a line when outputting via Kanji filter. The value is from 0 to 255. (Kanji - double sized character for Japanese)	0
	Page Length (line)	Page Length (line)	Specify the number of lines on a page when outputting via Kanji filter. The value is from 0 to 255. (Kanji - double sized character for Japanese)	0
	Use FTP/LPD Banner	Use FTP/LPD Banner	You can select to use a banner page when printing with LPR and FTP. (A banner page is print cover page with print job explanations.)	NO

## SCANNER

	Item		Explanation	Factory Default
	Web browser	TELNET		
SCANNER	Automatically Disconnect Time		Specify idle time of the scanner that is connected via PRICOM USB Utility until automatic disconnection. Setting value is between 0 and 60. Automatic disconnection is not executed if setting is 0.	10

## Printing JOB Management Function

	Item only Web browser	Explanation	Factory Default	
Print JOB Accounting	Print JOB Accounting			
	Operation	Changing Print Order	PRICOM can change print order (the first/the last). Print JOB accounting can be used, only when the spool of the printing JOB is completely carried out to PRICOM.	-
		Changing a Printer Port	PRICOM can change a printer port when any printers are connected to PRICOM. Print JOB accounting can be used, only when the spool of the printing JOB is completely carried out to PRICOM.	-
		Deleting a PRINTJOB	PRICOM can delete a print JOB.	-
	List	User Name	Display user name	-
		JOB Name	Display print JOB name	-
		Status	Display print JOB status	-
		Check	The print JOB which attached the check to this column is set as the object of operation.	-
	Printer Management			
		Fixing an USB Port	PRICOM can fix an USB port to a specific port.	-
		Parallel Printing	PRICOM can parallel print when same printers are connected to PRICOM.	-
		Spool Operation	PRICOM can control a printing port (stop spooling/restart spooling).	-

## DHCP/DNS Server Function

### DHCP Server

	Item only Web browser	Explanation	Factory Default	
DHCP Server	DHCP Server	Enable/Disable DHCP server function.	DISABLE	
	First Address to Use	Setting the start address of the address range assigned as DHCP is set up. The address must be 4 numbers, each between 0-255 (eg. 255.255.255.0).	0.0.0.0	
	End Address to Use	Setting the end address of the address range assigned as DHCP is set up. The address must be 4 numbers, each between 0-255 (eg. 255.255.255.0).	0.0.0.0	
	Lease Time Period (min)	The lease time period of the address assigned as DHCP is set up.	1,440	
	Subnet Mask	Setting the subnet mask address of DHCP option data. The address must be 4 numbers, each between 0-255 (eg. 255.255.255.0).	0.0.0.0	
	Default Gateway	Setting the default gateway address of DHCP option data. The address must be 4 numbers, each between 0-255 (eg. 192.168.100.240).	0.0.0.0	
	DNS Server	Primary Server	Setting the DNS server (primary) address of DHCP option data. The address must be 4 numbers, each between 0-255 (eg. 192.168.100.10).	0.0.0.0
		Secondary Server	Setting the DNS server (secondary) address of DHCP option data. The address must be 4 numbers, each between 0-255 (eg. 192.168.100.10).	0.0.0.0
	Fixed Address Configuration			
		Address Pair (1)-(20)	Setting the address pair of Ethernet address and IP address. The Ethernet address must be 6 numbers, each between 00-FF (eg. 00:80:92:00:00:01). The IP address must be 4 number, each between 0-255 (eg. 192.168.10.100).	-

## DNS Server

	Item only Web browser	Explanation	Factory Default
DNS Server	DNS Server	Enable/Disable DNS server function.	DISABLE
	Domain Name to Use	Setting the domain name to use. The name must be characters of domain format divided by ".".	-
	Zone IP Address (1)(2)	Setting the range of zone IP address. The range must be following style "xxx:xxx:xxx/xx".	0.0.0/24
	Allow-Transfer (1)(2)	Setting the address of name server transferring zone. The name server transferring zone can be limited by this setting. The address must be 4 numbers, each between 0-255 (eg. 192.168.100.10).	0.0.0.0
	Forwarder Address	Setting the address of name server forwarding an unsolved inquiry. The address must be 4 numbers, each between 0-255 (eg. 192.168.100.10).	0.0.0.0
	Forward Only	Enable/Disable forwarder only. In case of enable, when it does not receive the reply from name server, it will give the inquiry up at soon.	DISABLE

	Item only Web browser	Explanation	Factory Default	
DNS Server	Zone	DNS Server Type	Master/Slave DNS server function.	master
		File Name	Display zone file name. (cannot configure)	-
		Master Server (1)-(3)	Setting the address of master server. The address must be 4 numbers, each between 0-255 (eg. 192.168.100.10).	0.0.0.0
		SOA Record Setting		
		Primary Master Server	Setting the name of primary server. The name must be characters of domain format divided by ".".	-
		Manager (Mail Address)	Setting the address of manager. The name must be characters of domain format divided by ".".	-
		TTL (sec)	Setting the default TTL (sec). This value means the longest time of an IP packet's existence.	10,800
		Serial Number	Setting the serial number applied by zone data. Whenever it updates zone data, it is necessary to make it increase.	1
		Refresh Time (min)	Setting the interval time which slave confirms whether zone data is the latest. (sec)	10,800
		Retry Time (sec)	Setting the interval time which slave retries access to master. (sec)	3,600
		Expire (sec)	Setting the limit which slave repeats zone data (sec). In case of it passes the set-up time, when slave can not access to master, slave will repeat zone data.	3,600,000
		Negative Cache TTL (sec)	Setting the negative cache TTL (sec). This value is applied to negative reply from any name server has the authority over a zone.	86,400
		NS Record Setting		
		Name Server (1)-(3)	Setting the name of name server set up to NS record of zone data file. The characters of host name must be only alphabet (a-z), number (0-9), and hyphen (-).	-
		MX Record Setting		
		Mail Server (1)-(3)	Setting the mail server name and preference value which set up to MX record of zone data file. A priority becomes high, so that a preference value is small. The characters of host name must be only alphabet (a-z), number (0-9), and hyphen (-).	-

	Item only Web browser	Explanation	Factory Default
DNS Server	Zone		
	A Record Setting		
	A Record (1)-(20)	Setting the host name and IP address which set up to A record of zone data file. The characters of host name must be only alphabet (a-z), number (0-9), and hyphen (-). The address must be 4 numbers, each between 0-255 (eg. 192.168.100.10).	-
	CNAME Record Setting		
	CNAME Record (1)-(10)	Setting the host name and alias which set up to CNAME record of zone data file. The characters of host name must be only alphabet (a-z), number (0-9), and hyphen (-).	-
	Reverse Zone		
	Primary Master Server	Setting the name of primary server. The name must be characters of domain format divided by ".".	-
	Manager (Mail Address)	Setting the address of manager. The name must be characters of domain format divided by ".".	-
	TTL (sec)	Setting the default TTL (sec). This value means the longest time of an IP packet's existence.	10,800
	Serial Number	Setting the serial number applied by zone data. Whenever it updates zone data, it is necessary to make it increase.	1
	Refresh Time (sec)	Setting the interval time which slave confirms whether zone data is the latest. (sec)	10,800
	Retry Time (sec)	Setting the interval time which slave retries access to master. (sec)	3,600
	Expire (sec)	Setting the limit which slave repeats zone data (sec). In case of it passes the set-up time, when slave can not access to master, slave will repeat zone data.	3,600,000
	Negative Cache TTL (sec)	Setting the negative cache TTL (sec). This value is applied to negative reply from any name server has the authority over a zone.	86,400
	NS Record Setting		
	Name Server (1)-(3)	Setting the name of name server set up to NS record of zone data file. The characters of host name must be only alphabet (a-z), number (0-9), and hyphen (-).	-
	PTR Record Setting		
	PTR Record (1)-(20)	Setting the mail server name and preference value which set up to PTR record of zone data file. The characters of host name must be only alphabet (a-z), number (0-9), and hyphen (-).	-