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Parameter Configuration

Below are the explanations on how to configure.

General

Name			Factory Default	Explanation
Telnet	Web page	NICManager		
Change admin Password	Change admin Password	Change admin Password	Sharp	Setup password for administrator. This password will be used for Telnet, Web page, and setup utility. Note: The character you are typing is displayed as "***".
Print status page after bootup	Print status page after bootup	Print status page after bootup	NO	Select whether print status page or not.

TCP/IP

Name			Factory Default	Explanation
Telnet	Web page	NICManager		
TCP/IP Protocol	TCP/IP Protocol	Use TCP/IP Protocol	ENABLE	Enable or disable TCP/IP protocol. This influences LPR, FTP, TELNET, SNMP, HTTP and Setup utility (for TCP/IP).
DHCP/BOOTP	DHCP/BOOTP	Use DHCP/BOOTP	ENABLE	Enable or disable DHCP/BOOTP. This is a protocol which acquires IP address from DHCP/BOOTP server when booted. In order to use this function with Print Server Card, a DHCP/BOOTP server must exist in the network and be properly setup. Print Server Card will automatically acknowledge. The IP address that replies first will be assigned.
RARP	RARP	Use RARP	ENABLE	Enable or disable RARP. RARP is a protocol which acquires IP address from RARP server when booted. In order to use this function with Print Server Card, a RAPP server must exist within the same subnetwork and be properly setup.
IP Address	IP Address	IP Address	0.0.0.0	Assign IP address. The value must be configured in the format of four part series of numbers separated by decimal points, such as "xxx.xxx.xxx.xxx".
Subnet Mask	Subnet Mask	Subnet Mask	0.0.0.0	Assign subnet mask. The value must be configured in the format of four part series of numbers separated by decimal points, such as "xxx.xxx.xxx.xxx". If you set as 0.0.0.0, this section will be invalid and subnet mask will be set according to the IP address class.
Default Gateway	Default Gateway	Default Gateway	0.0.0.0	Assign gateway IP address. The value must be configured in the format of four part series of numbers separated by decimal points, such as "xxx.xxx.xxx.xxx". Gateway must reside within the same subnetwork as Print Server Card. If you set as 0.0.0.0, this section will be invalid.
Use FTP/LPD Banner	Use FTP/LPD Banner	Use FTP/LPD Banner	NO	Set to print banner page when using FTP/LPR printing.

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NetWare

Name			Factory Default	Explanation
Telnet	Web page	NICManager		
NetWare Protocol	NetWare Protocol	Use NetWare Protocol	ENABLE	Enable or disable NetWare protocol. This will influence the ability to use print server, remote printer and Setup Utility (for IPX/SPX).
Frame Type	Frame Type	Frame Type	802.2	Setup default frame type used by Print Server Card. When Print Server Card can not operate with the frame type set up, it will automatically change to different frame type.
Operation Mode	Operation Mode	Operation Mode	PSEVER	Setup operation mode(print server/remote printer) for Print Server Card. When Print Server Card can not operate with the operation mode set up, it will automatically change to different operation mode.
Printer Name	Printer Name	Printer Name	SCxxxxx-prn1 (xxxxx is last six number of Ethernet address.)	Setup "Printer" name which will be registered to NetWare server. This name must be same as the "Printer" name registered to NetWare server.
Print Server Name	Print Server Name	Print Server Name	SCxxxxx (xxxxx is last six number of Ethernet address.)	Setup print server name when Print Server Card is working in print server mode. This name will be used to identify the printer within the network when using NetWare protocol. Therefore set up individual name. The name will be used as login name when logging into the NetWare server.
Login Password	Login Password	Password	None (no password)	Set the password for Print Server Card to log in to the file server. The password can be up to 31 letters. If you set password for Print Server Card, you must set the same password on file server (You can set the password on file server in PCONSOLE). When you want Print Server Card to connect to several file server, all the passwords must be the same. *Note: Print Server Card has default password of null. Therefore you can set password to Print Server Card but not in "Printserver Information" and still manage to connect and print. However, this is a very special situation and we recommend that you put same password in Print Server Card and "Print Server Information".
Job Polling (sec.)	Job Polling (sec.)	Job Polling Time (Second)	4	Set the interval to check for print jobs. We recommend default time.
Bindary Mode	Bindary Mode	Bindary Setup	ENABLE	Select whether to use bindery mode or not. If you do not check the box, only NDS mode will be used. Unless you want to use only NDS mode, check the box for Bindery Setup.
FSERVER Name 1-8	FSERVER Name 1-8	File Server to be connected	""	You may define the name of the file server the printer connects to with up to 31 letters. Once you setup the file server name the Print Server Card will connect to the server. If this section is left as blank, Print Server Card will search for a server and connect to it.
NDS Tree	NDS Tree	NDS Tree	""	Specify the NDS tree. Normally, Print Server Card will automatically detect the tree name. However, when there are several trees existing within the network, you must add the name.
NDS Context	NDS Context	NDS Context	""	Specify the context used by NDS in print server mode. Add the context on the file server which that you created the print server.
PSEVER Name 1-8	PSEVER Name 1-8	Print Server to be connected 1-8	""	You may define the name of the print server to which the Print Server Card connects. Once you setup the print server name, the Print Server Card will connect to it. If this section is left as blank, Print Server Card will automatically search for server and connect to it.
Job Timeout (sec.)	Job Timeout (sec.)	Time Out (Second)	10	Time in seconds for Print Server Card to recognizes the end of a job in remote printer mode. We recommend default time.

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AppleTalk

Name			Factory Default	Explanation
Telnet	Web Page	NICManager		
AppleTalk Protocol	AppleTalk Protocol	Use AppleTalk Protocol	ENABLE	Enable or disable AppleTalk Protocol.
Zone Name	Zone Name	Zone Name	""	Setup zone name that Print Server Card belongs. If this is "", Print Server Card will automatically belong to zone name where AppleTalk router is set.
Printer Name	Printer Name	Printer Name	SCxxxxxx (xxxxxx is last six number of Ethernet address.)	Setup AppleTalk printer name. The name you set here can be seen from "Chooser". Do not use AppleTalk Protocol symbol (=:@*) here.

NetBEUI

Name			Factory Default	Explanation
Telnet	Web Page	NICManager		
NetBEUI Protocol	NetBEUI Protocol	Use NetBEUI Protocol	ENABLE	Enable or disable NetBEUI protocol
Computer Name	Computer Name	Computer Name	SCxxxxxx (xxxxxx is last six number of Ethernet address.)	Add computer name. The name you add here will be shown as the computer in Windows Explorer. Make sure you give an individual name.
Workgroup	Workgroup	Workgroup	"Sharp-Printer"	Set the workgroup which Print Server Card belongs to. Add a default or existing workgroup name. If you add a workgroup name that does not exist, it will not be indicated as workgroup.
Comment	Comment	Comment	"Sharp AR-NC5J"	Add an explanation for Print Server Card. The explanation here will be shown as a comment in Windows Explorer.

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What We Support

Below is information on Print Server Card's function.

Function

Automatic IP address configuration with DHCP, BOOTP, RARP

DHCP/BOOTP

The Print Server Card is equipped with DHCP/BOOTP protocol. The IP address can be set within the network where the DHCP/BOOTP server is operating. If you enable DHCP/BOOTP option, you can configure TCP/IP information which is set on DHCP/BOOTP server.



TIP

- * The DHCP protocol is implemented in accordance with RFC2131/2132. It is complying with WindowsNT DHCP Server.
- * Please contact your network administrator to use DHCP functions.

RARP

The Print Server Card is equipped with RARP protocol. The IP address can be set within the network where the RARP server is operating. If you enable RARP option, you can set IP address which is set on RARP server.

IPP (TCP/IP)

The Print Server Card is equipped with IPP protocol (IPP Ver.1.0) which enables you to print via the internet. You can print to printers in remote places as you are accessing to Web using HTTP.