

1. About PRICOM 3100

This chapter explains PRICOM operating environment, outline and how to connect PRICOM to the network.

Features

- Directly connects to the printer parallel interface port.
- Supports 10BASE-T and 100BASE-TX (Auto-detection).
- Embedded Pop-up Printer Status Monitor.
- “Quick Setup” is included in the accessory kit for easy configuration.
- Management utility “AdminManager” is included in the accessory kit.
- Printing software “JC-Print2002” is included in the accessory kit.
- Embedded HTTP enables you to configure PRICOM via Web browser.
- Embedded e-mail sending/receiving function.
- Supports multi-protocol (TCP/IP model does not support IPX/SPX, AppleTalk).
- Enhanced Windows XP compatibility
 - NetBIOS over TCP/IP is embedded. This allows NetBIOS printing environment to be configured on the PC running on Windows XP installed as the standard OS, without additional protocol installation.
- Addition of security countermeasures
 - IP filter function is embedded to meet the need for security measures.
 - This function limits the access to PRICOM at the IP address level. That is, the function enables access from IP addresses only within the specific range. By disabling any access from IP addresses outside the specific range, the printer is protected against unauthorized access.
- Supports WINS (Windows Internet Name Service) environment
 - In an environment where WINS server exists, register an IP address solution information on NetBIOS name to WINS server.
- Embedded DDNS (Dynamic Domain Name System)
 - Sends PRICOM IP address to DNS server having DDNS function. When PRICOM is dynamically given an IP address from DHCP server, it is immediately reflected upon Domain Name System, avoiding inconsistency from occurring between the domain name and the IP address.
- Embedded Pop-up Status Monitoring
 - The embedded solution can monitor and alert in your PC screen for typical printer status such as paper out or error conditions.

Operating Environment

[Required devices to connect to network]

- Network Cable (category 5 or above in 100BASE-TX environment)
- Printer

[Supported protocol/operating system]

<PRICOM 3100 (Multi-Protocol Model)>

- Supported protocol: TCP/IP, NetBEUI, IPX/SPX, AppleTalk
- Supported OS: Windows 95/98/Me, Windows NT 4.0, Windows 2000, Windows XP
UNIX, Linux
NetWare
Macintosh



NOTE

-When you use PRICOM in Macintosh environment, you need the printer driver for AppleTalk which is supplied with the printer.

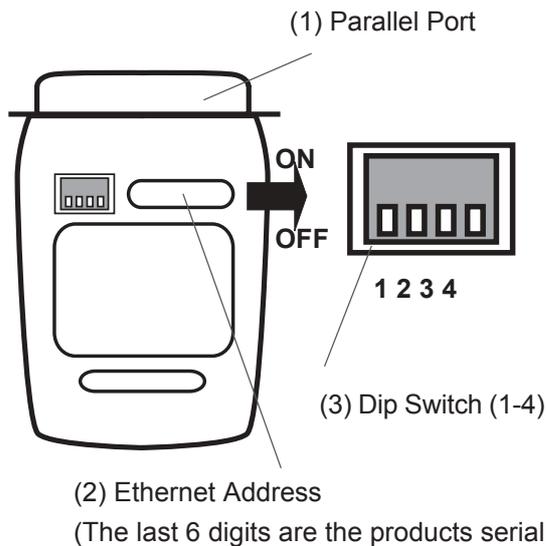
<PRICOM 3100 TCP/IP Model>

- Supported protocol: TCP/IP, NetBEUI
- Supported OS: Windows 95/98/Me, Windows NT 4.0, Windows 2000, Windows XP,
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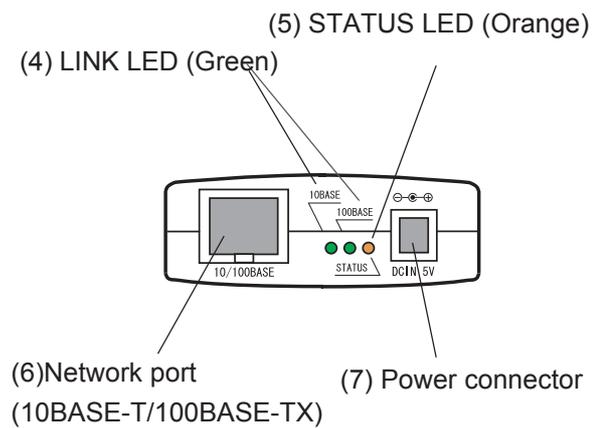
Parts on PRICOM 3100

Parts and Function

Bottom



Back



(Bottom)

(1) Parallel Port

Connect to parallel port of printer.

(2) Ethernet Address

PRICOM Ethernet Address. The last 6 digits are the product's serial number.



-Ethernet address 00:80:92:18:0E:1A is noted as 008092180E1A.
The product number (serial number) is 180E1A.

(3) Dip Switch

The following list describes the function of each switch.

1	OFF	Normal operating setting
2	OFF	Normal operating setting
	ON	Initialization/Reset to factory default upon power up
3	OFF	Normal operating setting
	ON	Prints Diagnostic/Configuration report upon power up
4	OFF	Normal operating setting

(Back)

(4) 10BASE LINK LED (Green)

Lights when a proper 10BASE network connection is established.

100BASE-TX LINK LED (Green)

Lights when a proper 100BASE-TX network connection is established.

(5) STATUS LED (Orange)

Flashes during data transfer

(6) Network Port (10BASE-100BASE-TX Auto-detection)

Connect to the network cable

(7) Power Connector

Connects to the AC adapter

Dip Switch Operation



- Make sure to switch off PRICOM when operating dip switches.
- If self-diagnostic shows you any NG, contact our customer support center.
- Diagnostic/configuration report can not be printed depending on your printer.

Initialization/Reset to factory default

1. Switch off the printer. Make sure that PRICOM is not connected to the AC adapter, then switch on the dip switch No. 2.
2. Connect the AC adapter to PRICOM and switch on the printer.
3. Unplug the AC adapter of PRICOM and switch off the dip switch No. 2.

Diagnostic/Configuration report

1. Switch off the printer. Make sure that PRICOM is not connected to the AC adapter, and then switch on the dip switch No.3.
2. Connect the AC adapter to PRICOM. Switch on the printer and the diagnostic report will start.
3. Switch off the printer. Unplug the AC adapter of PRICOM and switch off the dip switch No. 3.

Install Hardware

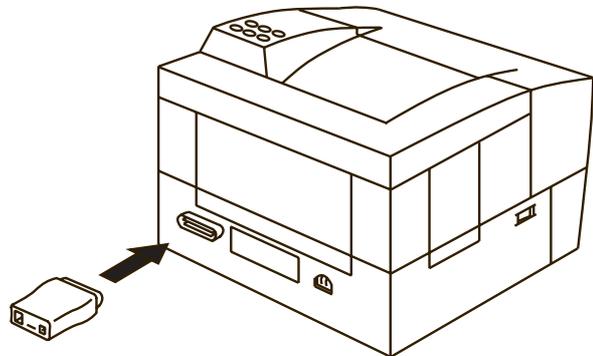
Attach PRICOM to the Printer



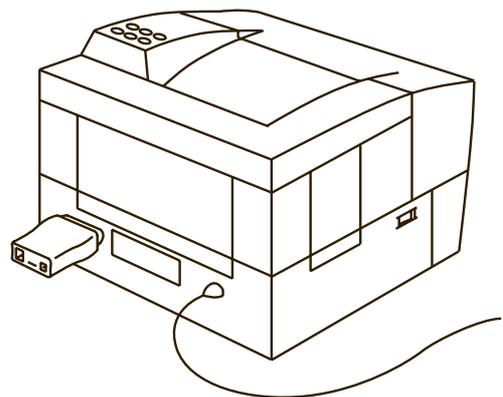
TIP

- Make sure to read the operating instructions of your printer before connecting PRICOM to the printer for proper use.
- Make sure the power code of the printer is unplugged before attaching PRICOM to the printer.
- If you have already used PRICOM in another network, make sure to initialize PRICOM to factory default.

- 1.** Make sure that the printer is switched off and the printer power code is unplugged. Attach PRICOM to the parallel interface port of the printer.



- 2.** Make sure that the power supply is not connected to PRICOM.



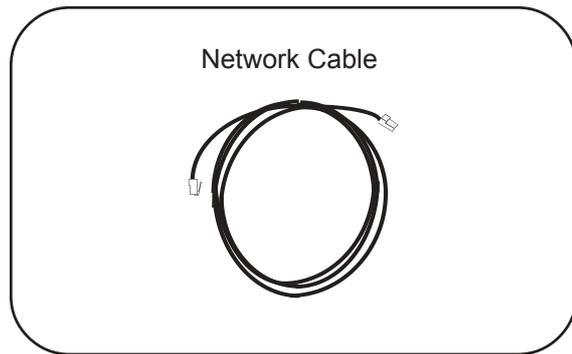
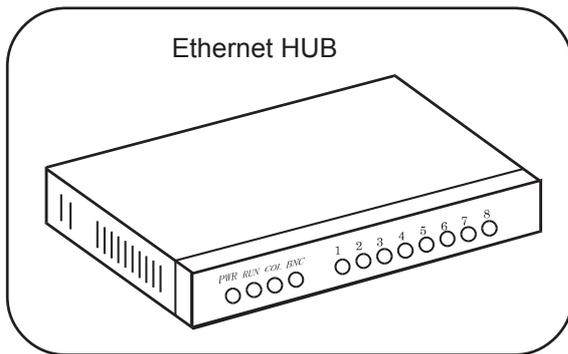
Connect PRICOM to the Network

The following items are required to connect PRICOM to the network.

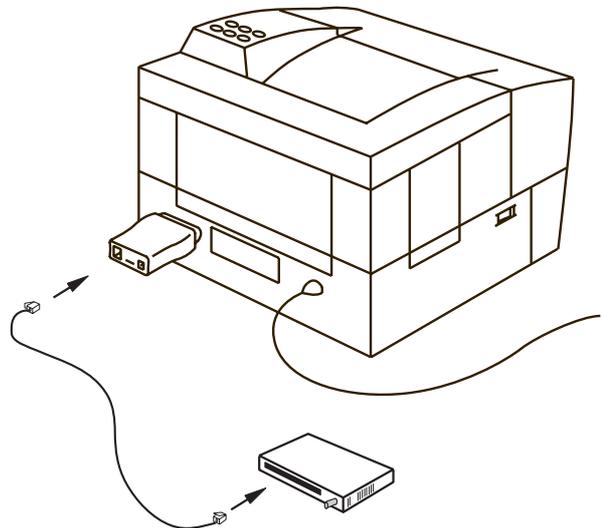


-Prepare 100BASE supported Ethernet HUB and network cable (category 5 or above).

TIP



1. Switch off the printer after you make sure the power supply is not connected to PRICOM.
2. Connect the network cable to the network port of PRICOM.
3. Connect the other end of the network cable to the Ethernet HUB.
4. Connect the power supply to PRICOM and switch on the printer. Check for the printer proper function.



-Using AC adapter other than the one supplied with PRICOM may cause damages.

TIP