

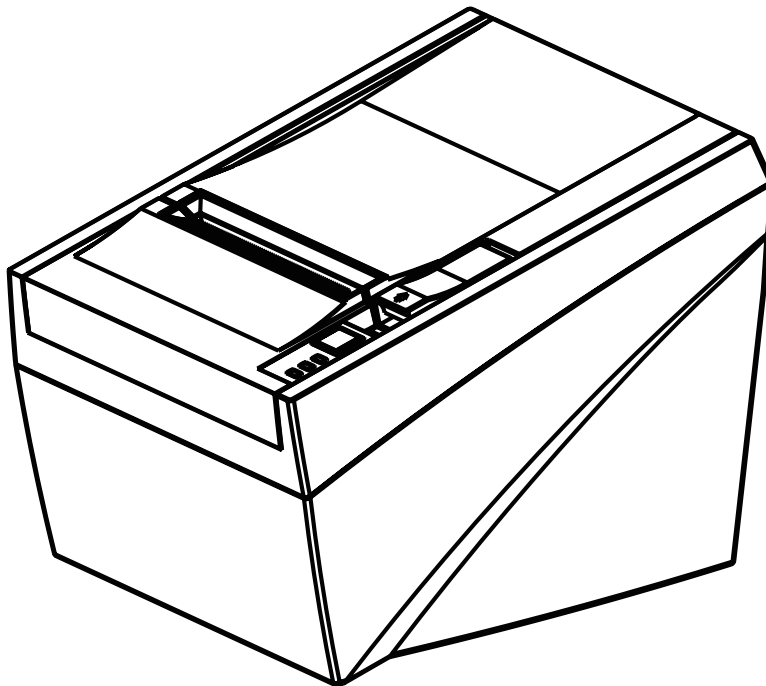


User's Manual

Ethernet Interface

Rev. 1.00

SRP-330



<http://www.bixolon.com>

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1. Manual Information

The purpose of this manual is to provide information on the operation and usage instructions of the Ethernet Interface for the BIXOLON Printers.

We at BIXOLON maintain ongoing efforts to enhance and upgrade the functions and quality of all our products. In following, product specifications and/or user manual content may be changed without prior notice.

2. Configuration Tool

BIXOLON provides 2 types of network and serial communication set up utilities as a below.

- **Configure_Vx.x.x.exe**
- **Web Server**

* Refer to the Net Configuration Tool Manual regarding Configuration Setting.

3. Ethernet test by using Windows test page

If you don't have any test program to check printer's performance, you can use Windows driver. It is available for Windows 2000, XP, 2003 Server, VISTA, 7.

- 1) Install Windows driver of the printer. When the driver installation finishes, reboot the computer.

[Note]

- Latest file versions can find drivers at <http://www.bixelon.com>

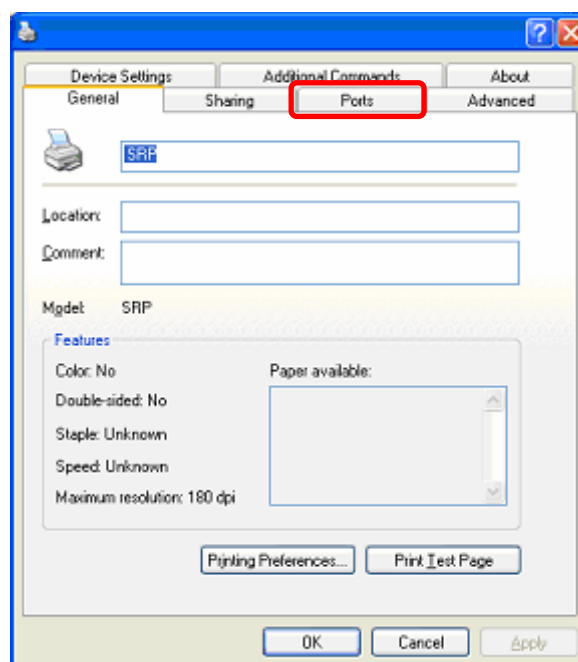
- 2) **Start > Control panel > Printers and Faxes**



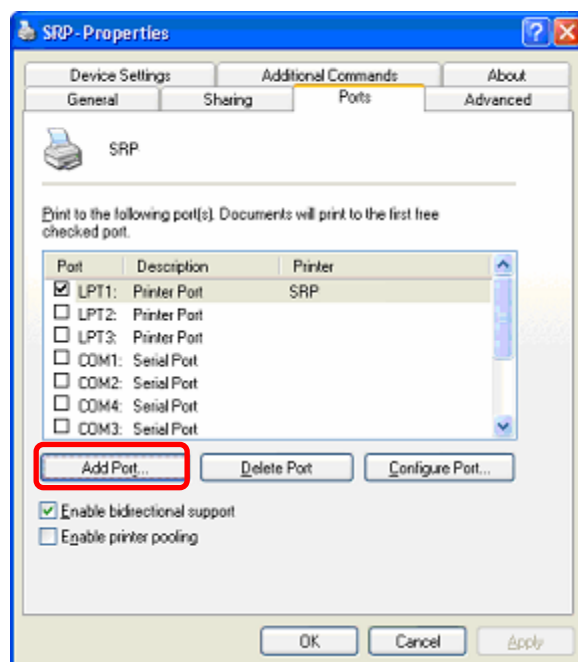
- 3) Select the printer icon and click it with the right button to select **properties**.



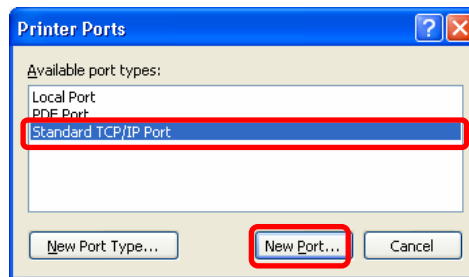
4) Select **Ports** tab.



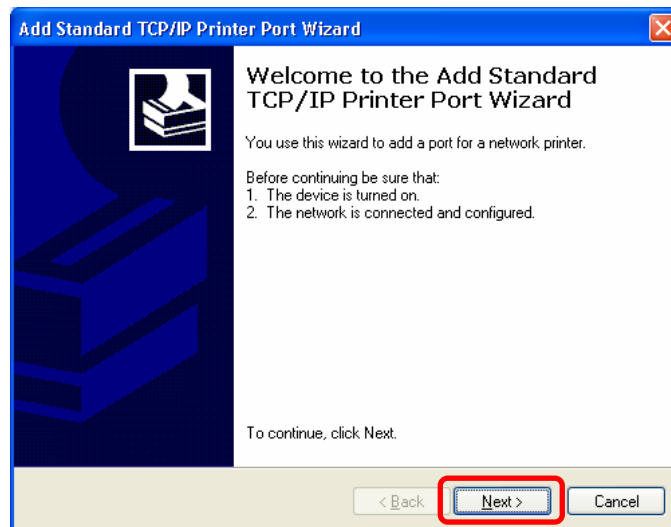
5) Click **Add Port**.



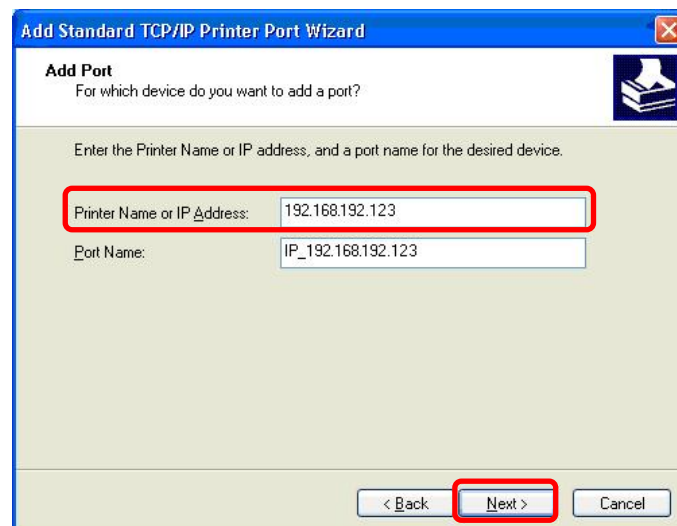
6) Select **Standard TCP/IP Port** and click **New port**.



7) When standard TCP/IP printer add wizard window pops up, click **Next**.



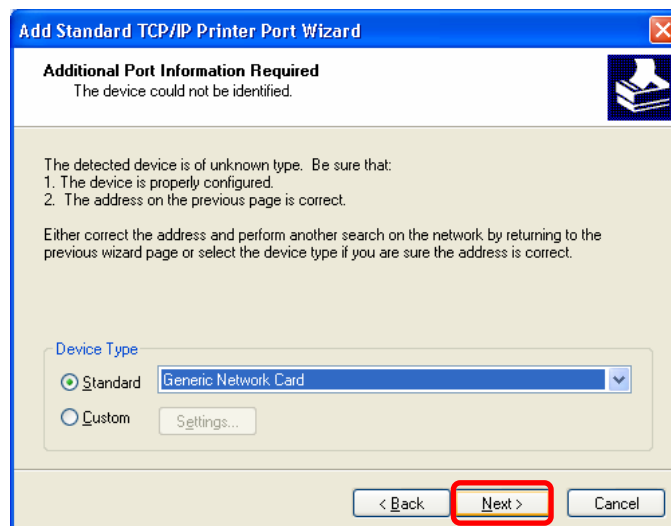
8) Enter printer IP at **Printer Name or IP Address** and click **Next**.



[Note]

- Enter same IP address as the Ethernet interface card. Enter only at **Printer Name or IP Address**.

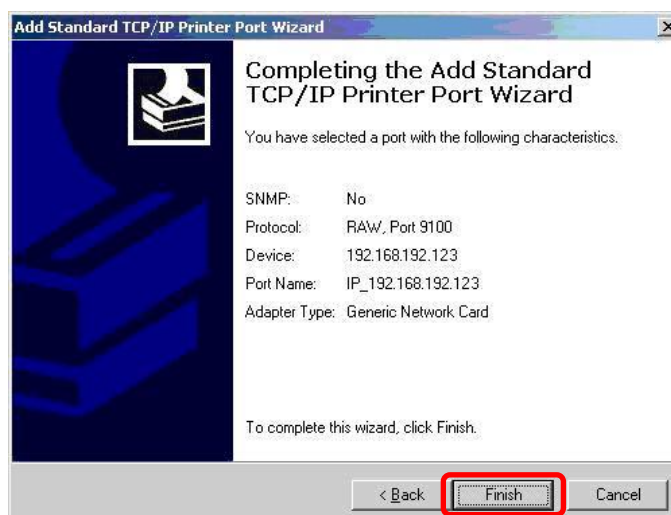
9) Click **Next**.



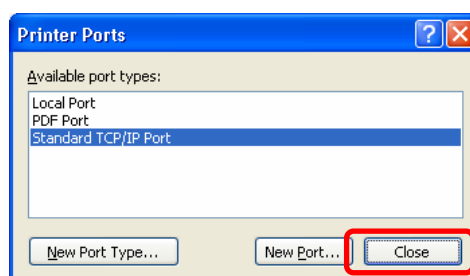
[Note]

- Click **Next** without any selection nor change.

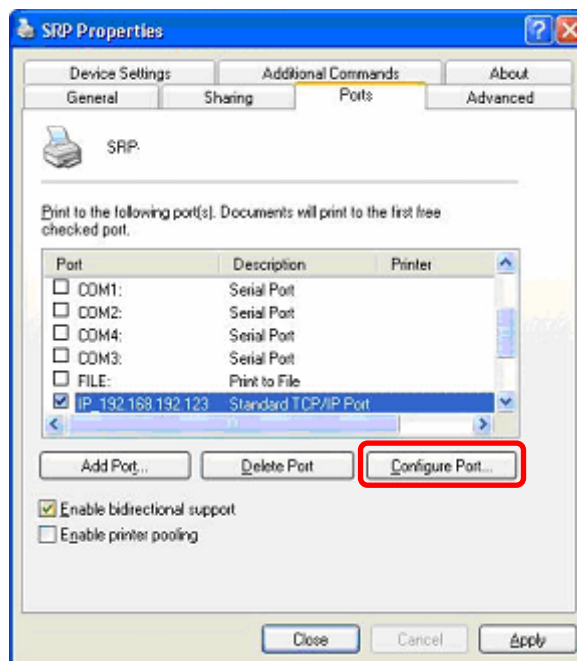
10) Click **Finish**.



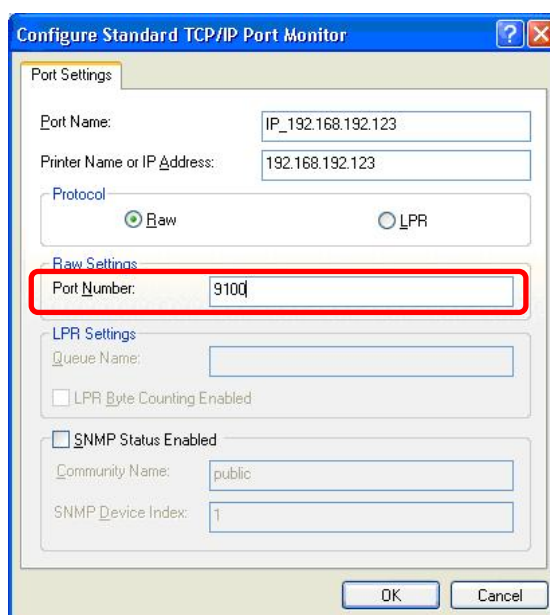
11) Click **Close** to close Printer port window.



12) Click **Configure Port**.



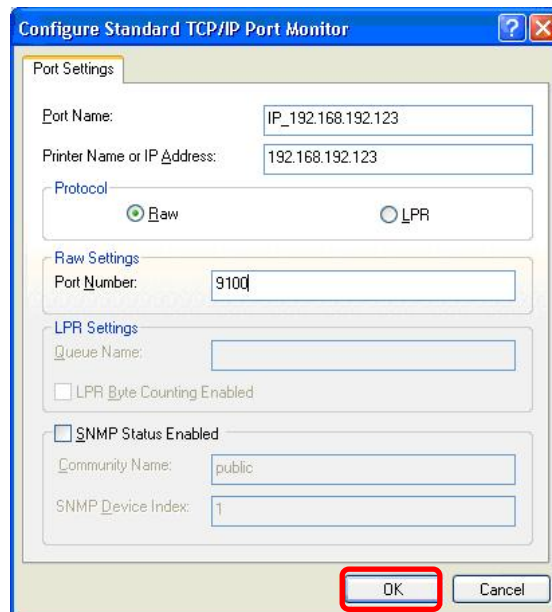
13) Enter same port number as the value of Local Port of the Ethernet interface at **Raw Setting**.



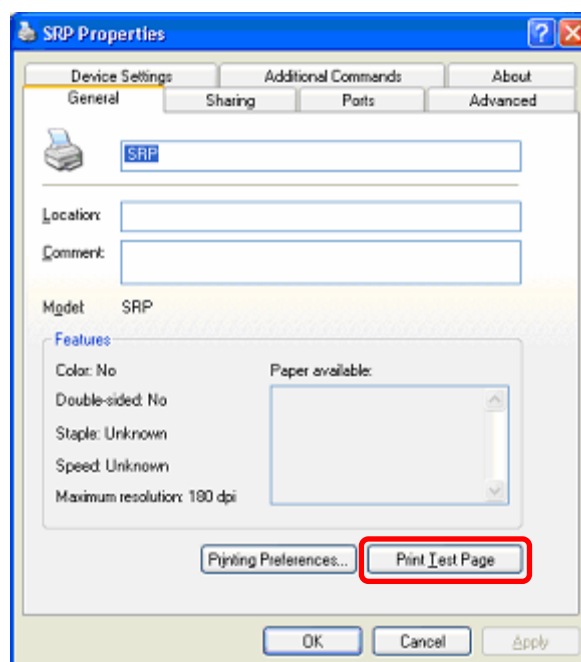
[Note]

- There is no change except **Raw Setting**.

14) Click **OK**.

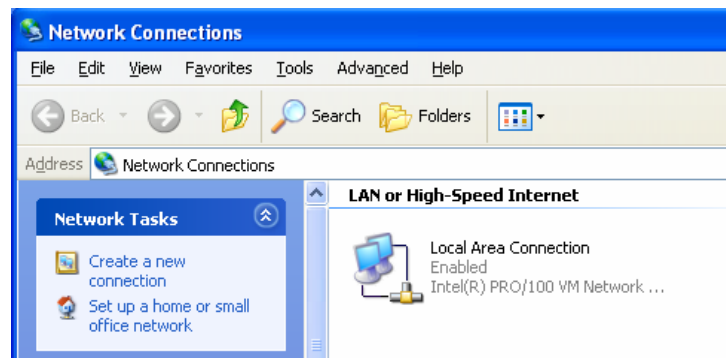


15) Select General tab and click **Print Test Page** to check if the printer works properly.

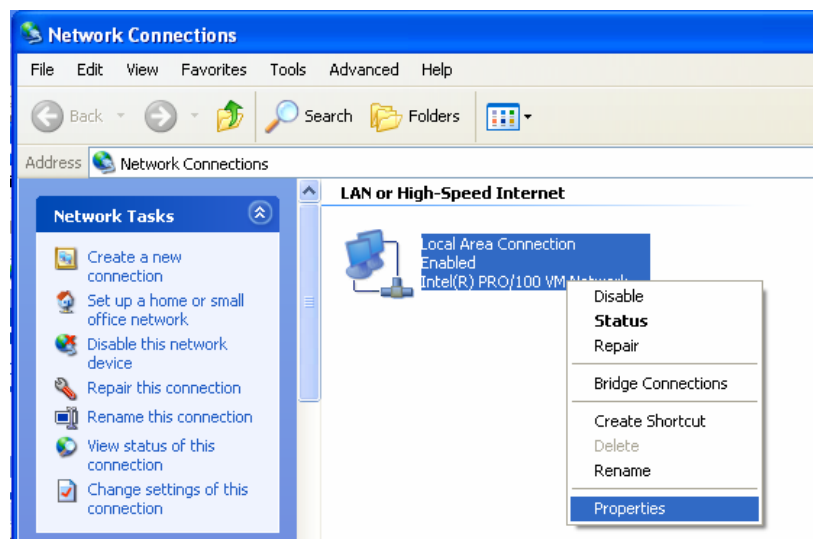


4. How to check Static IP or DHCP

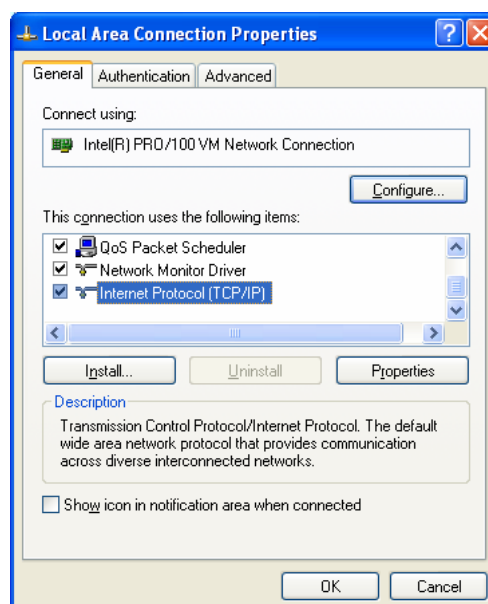
1) Start > Control panel > Network Connections.



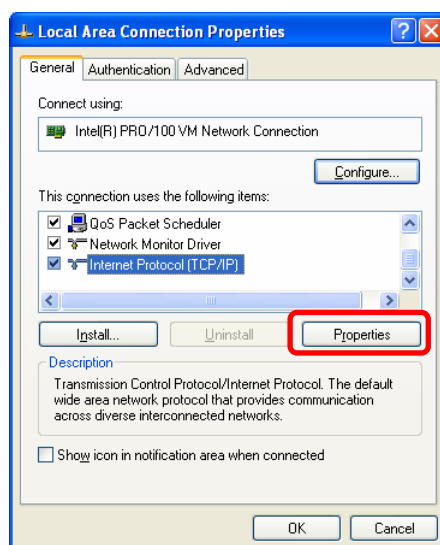
2) Select: “**Local Area Connection** and click it with the right button to select **properties**.”



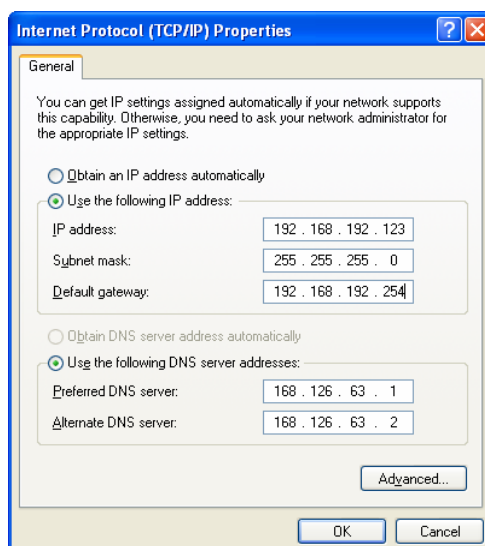
3) Select General tab and Select “**Internet Protocol(TCP/IP)**”.



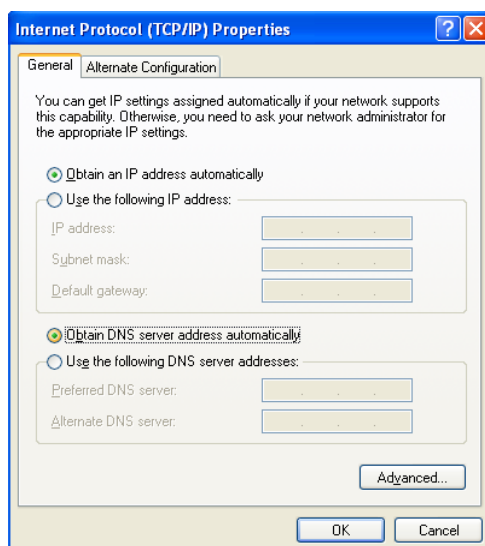
4) Click “**Properties**”.



5) Information of network registration with **Static IP**



6) Information of network registration with **DHCP**



5. Factory Reset

1) Default setting after factory reset

- Activate DHCP mode
- Local Port: 9100
- Inactivity Time: 0

2) How to reset

(1) Turn off the printer.

(2) Turn on the printer while pressing Function Key.

[Note]

- Press Function key 3 more seconds after turning on the printer.

(3) Wait 10 seconds until new IP address is allocated to the printer.

The IP address will be allocated automatically under DHCP mode.

[Note]

- DHCP Network environment

Connect to web-server with newly allocated IP address.

Check new IP address by pressing Function key.

- Static IP Network environment

The IP address will not be allocated automatically.

Set up Static IP with Configuration utility.

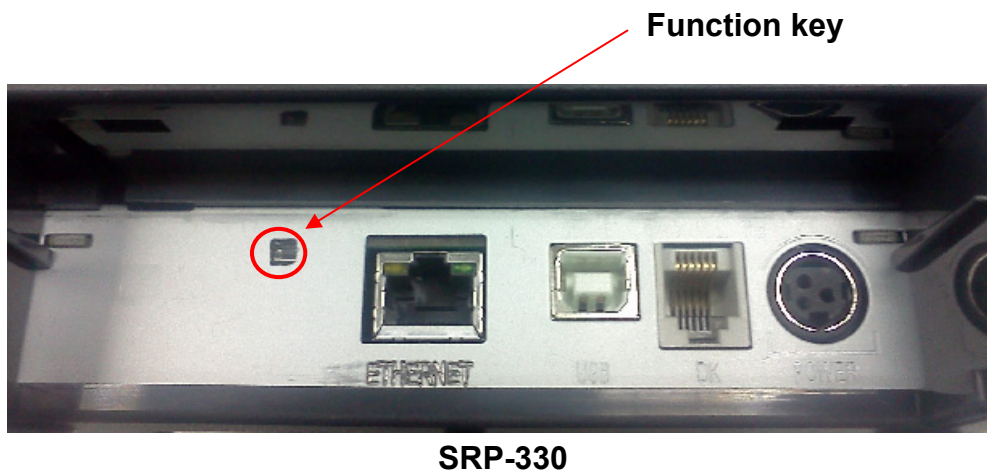
(4) Print Network setting information by pressing Function key.

Connect web-server to change any network setting.

6. Function Key set up

1) How to use

- (1) Turn on the printer.
- (2) Wait 10 or more seconds until the Ethernet interface boots up.
- (3) Push the Function key.



- (4) The settings will be printed only one time since the printer is turned on.
- (5) Turn off and on the printer to print them again.

2) Printed settings

- MAC address
- IP address
- Subnet Mask
- Gateway
- Port
- Inactivity time
- Firmware Version

[Appendix 1] Details of interface card

Item	Details
Network interface	10/100 Base-T All in one (Auto detection)
Protocol	TCP, IP, ICMP,IGMP, ARP, HTTP
IP mode	static IP, DHCP (Dynamic Host Configuration Protocol)
RX buffer	2K Byte
Flow control	Hardware (RTS/CTS)