

Fig.5

This window shows the wireless settings of module and you can modify these items: country, SSID, communication mode (Ad-Hoc or infrastructure), communication channel, security settings (WEP, WPA).

4. Firmware Update function

Choose the device object in the main window, then click "Interface Firmware Update" button to enter the firmware update window:

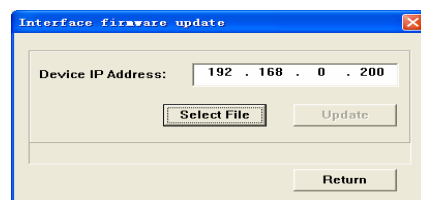


Fig.6

Check if the IP address is same with that of selected device. If they are same, click "Select File" button to choose updating program file name. Then click "Update" button to finish it.

A prompt in updating process will indicate the update accomplished or not.

Notice: firmware update failure may make the interface module unworkable. Please refer section C to resume.

5. Restoring default configuration

Click "Restore Default Configuration" button in the main window to make the module reuse default configuration

shown as follows:

SSID: defaultSSID
Mode: Ad-Hoc
IP address: 192.168.0.200
Subnet mask: 255.255.255.0

Gateway IP: 192.168.0.1
DHCP Enable: Disabled
Security settings: Disabled

6. Printing test page

Click "Print test Page" button, you can print out a test page.

E. Button for default configuration restoration

Hold down the key in fig. 1 and turn on the printer power until it starts. Then you can restore the default configuration.

F. Driver configuration

Take BTP-2002NP printer as an example: First install the printer parallel driver according to the illustration.

Click "start" → "setting" → "printers", then right click BTP-2002NP icon and select "Properties". Select "port" tab page and click "add port", click "Standard TCP/IP Port" in the pop-up window, and click "New port" button in Fig. 7:

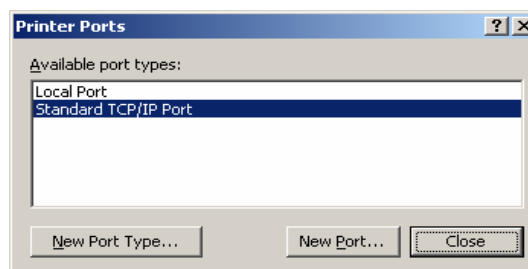


Fig.7

Click "Next", fill the IP address of the interface module in "Printer name" or IP address" column, Click "Next", "Next", to finish it. In the column of the port tag of printer properties, select the new added port and click "apply", then you can complete the driver setup.

G. HTTP Function

Use HTTP mode to manage interface module: first run browser program at the host, then input IP address of the interface module in browser address column.

Operation Guide

JK-W01 WLAN Interface module



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A. Structure of JK-W01 module

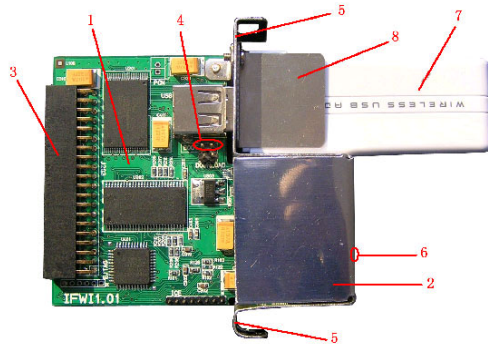


Figure 1

As shown in Fig.1, JK-W01 module includes the following parts:

- | | |
|---------------------------------------|--------------------|
| 1-control board | 2-Interface baffle |
| 3-Parallel port to printer main board | 4-BOOT jumper |
| 5-Interface baffle fixing hole | 6-Button (side) |
| 7-WLAN card | 8-WLAN card baffle |

B. Installing JK-W01 module

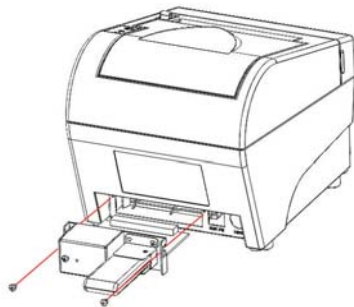


Figure 2

Connect JK-W01 module to the printer and fix them with screws as shown in Fig.2.

C. Jumper option

JK-W01 module works in normal mode when BOOT jumper off as Figure 1, otherwise it works in update mode. If upgrade operation fails, turn off the printer and connect the BOOT jumper, then upgrade it again. When it is ended, turn off the printer and take off BOOT jumper, then the

printer can work normally after restarting.

D. Configuration of JK-W01 module

Using BYNetWinConfig.exe tool to find and connect to the wireless interface module in same network. Configure it in the window as Fig. 3:

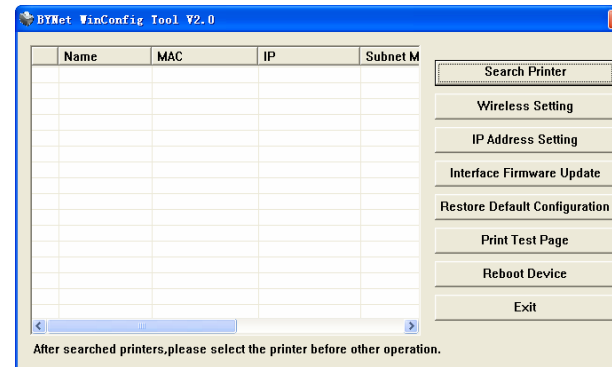


Fig. 3

Before using the tool, connect the host to the wireless network where the printers are. Set the wireless mode, SSID, channel, subnet mask of the host same with JK-W01 module and set the host's IP address and JK-W01 module in the same subnet.

Notice: 1) When configure JK-W01 module using the configuration tool, if several devices with same IP address are connected in same subnet (for example: many interface modules are using factory settings) communication can't work normally due to the IP address confliction. Therefore, if you want to change the IP address of the module, connect one device each time and make sure each module have a different IP address.

2) When configuring JK-W01 wireless module, don't set same SSID and channel for two wireless networks which in Ad-Hoc mode and infrastructure mode in order to prevent abnormal communication.

1. Searching network device

Click the "Search Printer" button in the main window, then the tool will search out all the printers which are using JK-W01 wireless module in the same network and show them in the list box. The Information includes: name of the printer, MAC address, IP address, Gateway address, subnet mask, DHCP enable/disable and firmware version of JK-W01 module.

2. Setting IP address and other parameters

Choose one device in the list of main window, click "IP Address Setting" button to enter "Setting TCP/IP" configuration window in which you can change the IP address and other parameters of the printer as shown in Fig. 4:

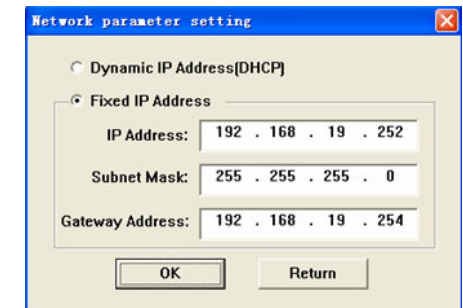


Fig. 4

There are two methods to change the configuration:

1) Choose "Dynamic IP Address" (DHCP), and get IP address or other parameter automatically via DHCP protocol.

2) Choose "Fixed IP Address", set these parameters by hand, and then click "OK" button after the configuration.

Notice: We recommend you to use fixed IP address mode because it will take longer time to get IP address in using DHCP.

3. Wireless parameter Configuration

Click "Wireless Setting" button in the main window, then a pop-up configuring window will be shown as below: