

# Wasp

## BARCODE TECHNOLOGIES

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### Configure Wifi on WPL printer

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#### **How to Configure Wifi on a WPL printer**

This article applies to WPL308, WPL308 Plus, WPL614, WPL614 Plus, WPL618 and other printers with an installed Wi-Fi interface card.

Connect the printer to a PC. The easiest way is directly via USB cable, though it is possible over (wired) ethernet.

Run the Printer Configuration Tool. If needed, here's the download link:

<https://dl.waspbarcode.com/kb/printer/PrinterConfig-x64.exe>

Status	Printer	Interface	Model	Version	Serial No.	Mileage (Km)	Batt. Capacity	Batt. Life	Last Update Time
<input type="checkbox"/>	PS-313E8E	↔	WPL304	7.08 EZ TCF	5	8.0			20/06/2023 10:45:14
<input type="checkbox"/>	PS-FF02B9	⬇	USB	WPL-305E	8.13 EZD TCF	0.4344			15/09/2023 15:40:41
<input type="checkbox"/>	PS-80367F	↔	10.189.30.246	WPL308	A2.12 EZD TCF	TX218200211	0.1382		15/09/2023 15:35:32
<input checked="" type="checkbox"/>	PS-82020C	⬇	USB	WPL308Plus	A2.16.WA7 EZD				26/07/2024 10:11:05
<input type="checkbox"/>	PS-E01CA5	↔	10.189.30.55	WPL408	A2.15.121 EZD...	MB219370148	0.0166		26/07/2024 09:46:06
<input type="checkbox"/>	PS-023D02	↔	10.189.30.209	WPL614M	A1.92W36 EZ...	24T17220198	2.4291		26/07/2024 09:46:05
<input type="checkbox"/>	SHIPPING 608	↔	10.189.30.204	WPL608	7.00 EZ TCF		11.8798		26/07/2024 09:46:10
<input type="checkbox"/>	SZ wpi304	↔	10.189.30.190	WPL304	7.08 EZ TCF		0.1300		26/07/2024 09:46:09

Find your printer in the list and double-click it. The default Printer Configuration main tab appears.

Click the Wi-Fi secondary tab (near the middle of the window). (see red arrow in screenshot)

Printer Configuration
Emulation
TPH Care
Smart Battery
Unit: inch

**Printer Function**

Calibration

RTC Setup

Factory Default

Reset Printer

Print Test Page

Configuration Page

Dump Text

Ignore AUTO.BAS

Exit Line Mode

Enter Line Mode

Wi-Fi Default

Get Status

**Printer Configuration**

Version: WPL308Plus Version: A2.16.WA7 EZD

Serial No.: TX323310920    TPH Serial Number: RDL23400275

Checksum: 1836B067    TPH Odometer: 0.0046

Ribbon Remaining:    m    Cutter Serial Number: N/A

Label Count: 73

Cutting Counter: 0    0   

Mileage (Km): 0.0041    0.0041   

Common    RS-232    Bluetooth    **Wi-Fi**    Ethernet

**Wi-Fi Module**

SSID: PromisedLAN    EAP Type:

WLAN Encryption: WPA-Personal    Username:

Key: .....    Password:

DHCP: ON           

IP Address: 172.20.10.4    CA Certificate:    

Subnet Mask: 255.255.255.240    Client Certificate:    

Gateway: 172.20.10.1    Private Key:    

Primary DNS IP: 0.0.0.0    EAP-FAST PAC:    

Secondary DNS IP: 0.0.0.0    Fast BSS Transition (802.11r):

Raw Port: 9100

Printer Name: PS-82020C    Wi-Fi Version: 5.2.1.0R5

MAC Address: 00:1B:82:82:02:0C    RSSI: 31

Perform Wi-Fi default when using USB interface

Fill in SSID. This is your wifi network name.

Set the Encryption type required by your network. This is often WPA-Personal, but may be different.

Set the Key, which is your wifi password.

Set DHCP to ON.

*NOTE: Some networks have different settings & requirements from the above settings. Wasp does not know your settings, so consult your network admin for guidance.*

When the settings are filled in, click the Set button toward the lower right. There will be a Please Wait message with a countdown timer.

When the countdown is complete, the printer will reset itself. After a few moments, the Wi-Fi antenna icon and IP address should show on the printer's display.



In the Printer Configuration tool, you can click the Get button (lower right) to retrieve new Wi-Fi settings from the printer into the dialog box.

If the printer has trouble obtaining an IP address from your network, try the Wi-Fi Default button at the left side of the Printer Configuration main (see red arrow in screenshot above), then re-enter wi-fi info as needed.

#### Related Pages

- [Printer User Manuals, Programming Reference Guides, Quick Reference Guides, Quick Start Guides \(multiple models\)](#)
- [WPL308: Wifi module installation](#)
- [WPL308M Printer Resources](#)