BIXOLON®

Wi-Fi Connection Manual

EU. RED

Rev. 1.00

www.bixolon.com

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1. Manual Information

To comply with the EU RED (Radio Equipment Directive), the product webpage for units sold in Europe has been updated.
HTTPS is applied by default, and TLS encryption is used for web communication.
This manual covers the Web UI modifications made for RED compliance.
For further details, please refer to the Wi-Fi connection manual or Network connection manual for each model.

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. Precautions

2-1 The printer has to be within 100m(Out door) from AP(Access point) to connect WLAN. Although 35m is able to communicate in door, WLAN could be affected by environment to be shorten.

2-2 The maximum separating distance may be shortened if transmission obstacles, such as cement walls, are present

2-3 If a device (such as a microwave oven, wireless LAN, etc.) that uses the same frequency is present, transmission may be interrupted. Separate the printer and Bluetooth-enabled device from such interrupting devices by a distance of at least 5m.

3. How to Connect

WLAN can be configured through the printer's WLAN interface. Likewise, WLAN can also be configured though the printer's Serial/USB interfaces.

(1) Connecting Printer

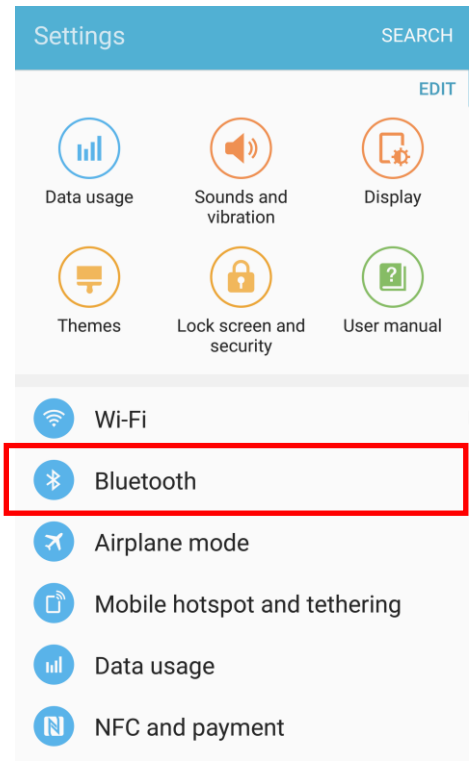
1) Serial / USB cable
Connect Serial/USB cable to Printer, PC device.
When Serial cable use, baudrate between Device and printer should be the same.

2) WLAN
Connect to the AP (Access Point) configured in Infrastructure mode in order to connect to the LAN/wireless network

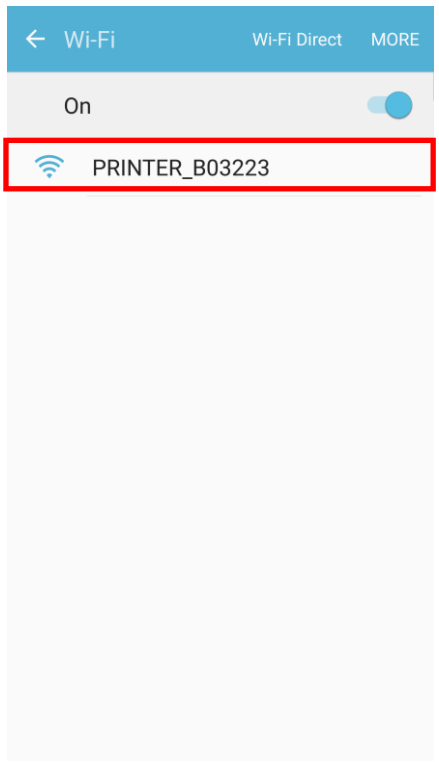
In order to configure the network between the wireless host device and the printer, set the printer to Soft AP Mode.

3-1 Android Soft AP mode (default)

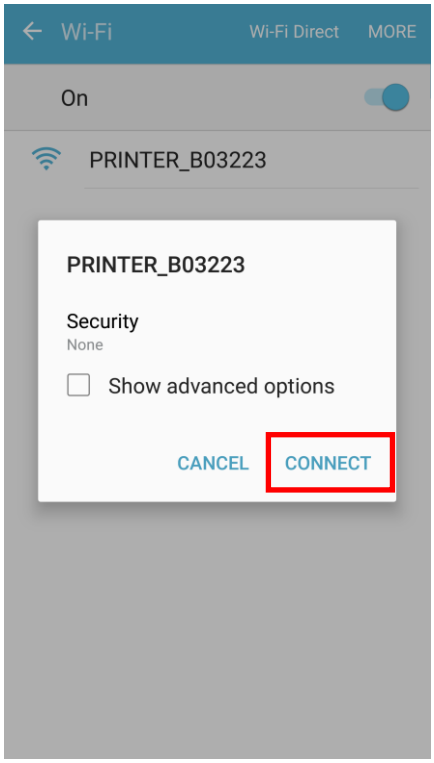
1) Select “Wi-Fi”.



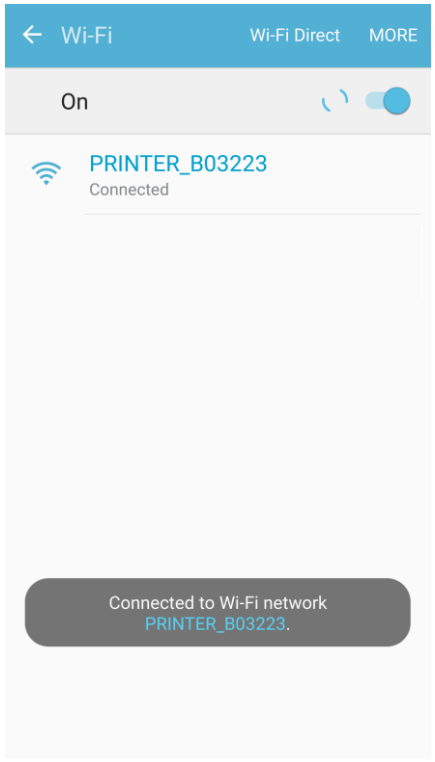
2) Select the printer to connect.



3) Select “CONNECT”.

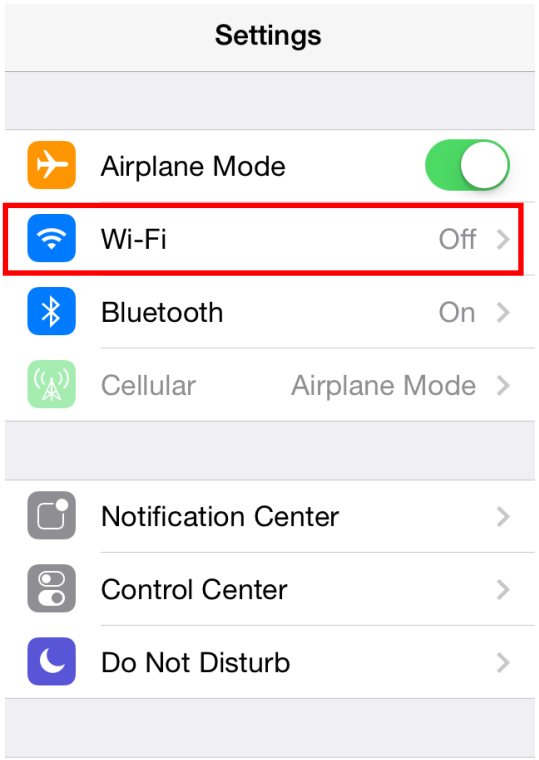


4) Wi-Fi communication is available.

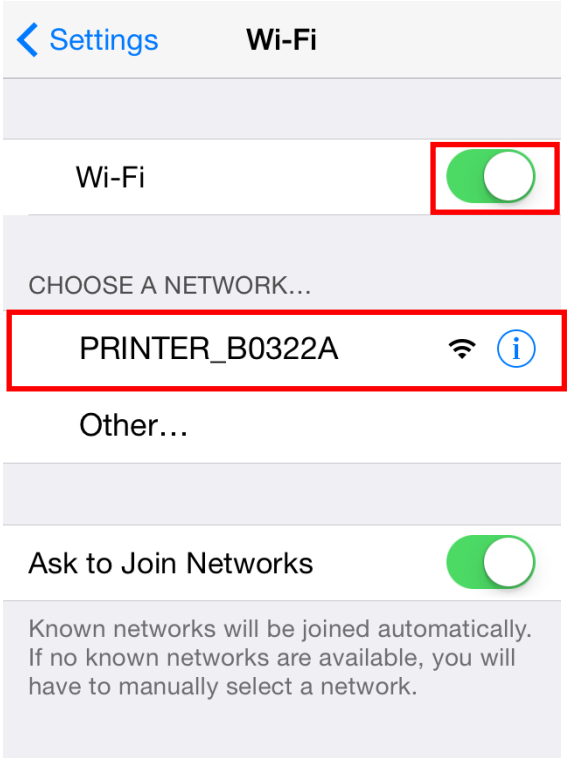


3-2 iOS Soft AP mode (default)

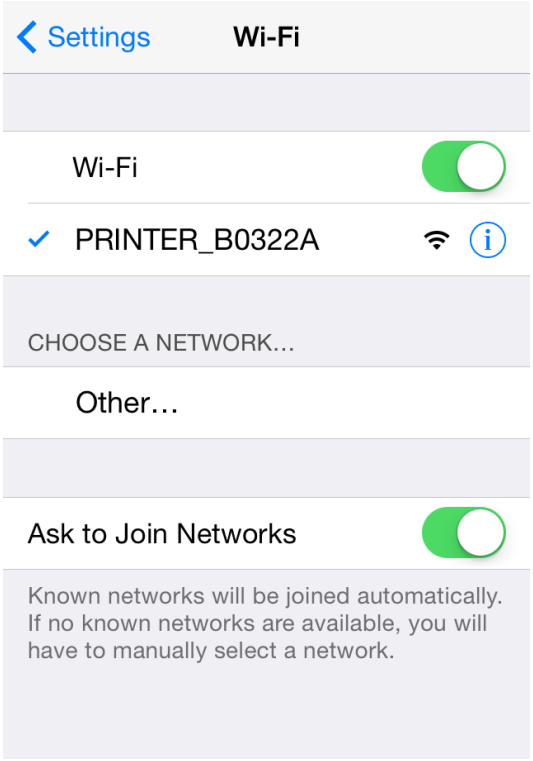
1) Select “Wi-Fi”.



2) Wi-Fi ON and Select the printer to connect

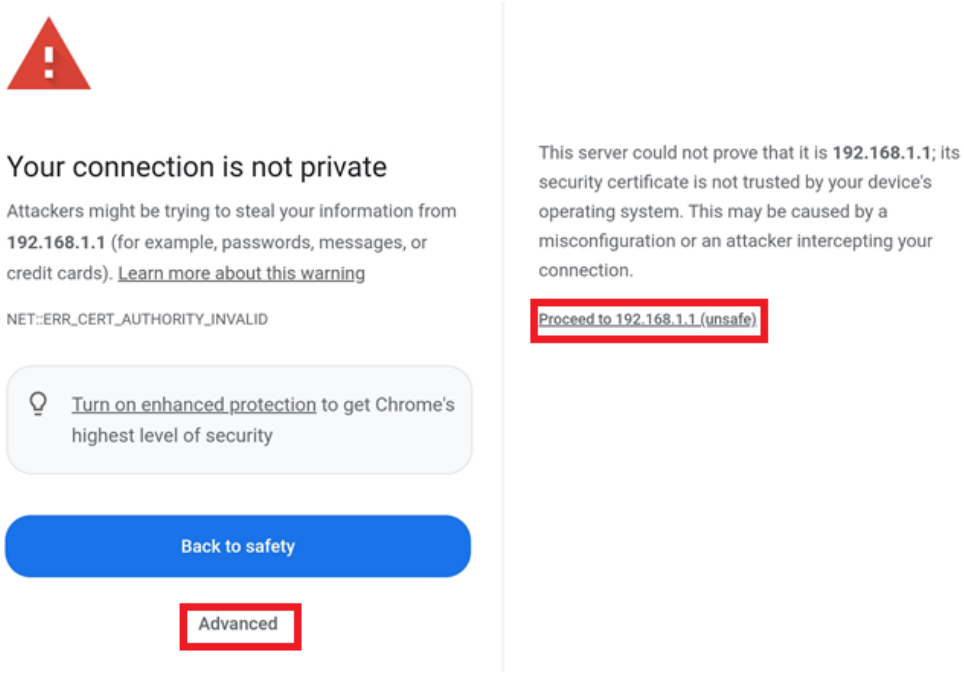


3) Wi-Fi communication is available

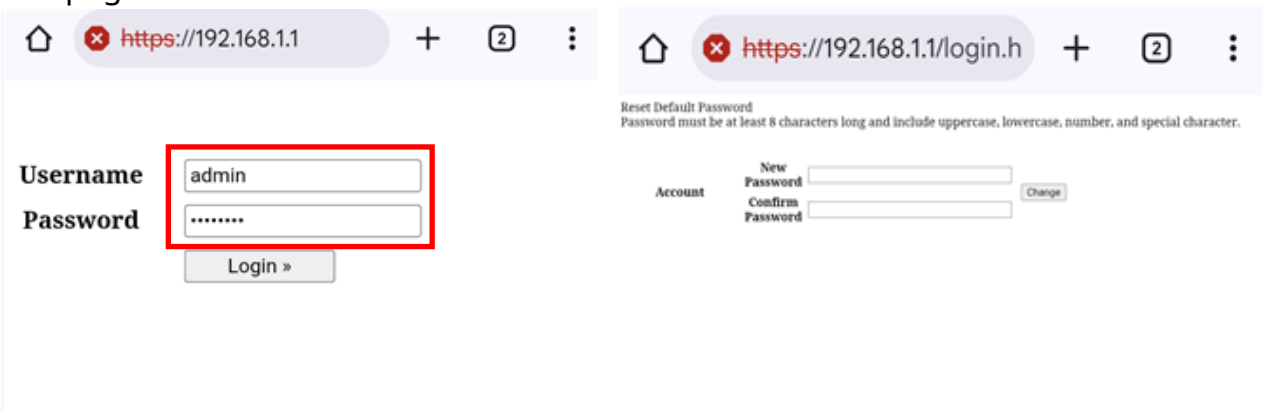


3-3 How to change infrastructure mode

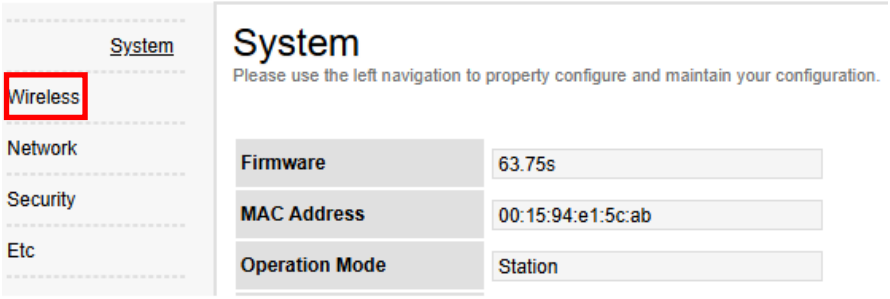
1) When you enter https://[Printer's IP Address] in the browser's address bar, a warning message will appear.
Click **"Advanced"** and then **"Proceed to unsafe"** (or **"Continue anyway"**, depending on the browser).



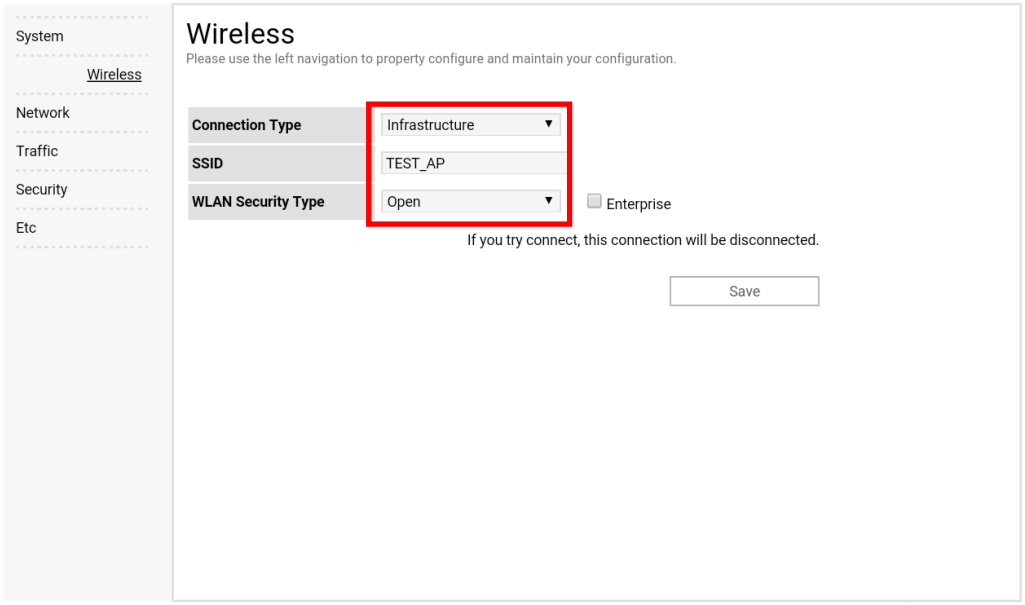
2) When the login screen appears, enter the User Name and Password set for the printer, then click the **[LOG IN]** button.
(The default *settings are: User Name:* ***admin,*** *Password:* ***password***)
If the default credentials are used, you will be redirected to the password change page.



3) After logging in, Select “Wireless” to change Wi-Fi mode.



4) Select “infrastructure”, and set SSID, WLAN Security Type.



5) The settings will be applied after restarting the printer.