



ARMS[®]
A RADIANT GLOBALTECH GROUP COMPANY

ARMS POS & Retail Management System

ARMS F&B Change Printer IP User Guide

V1.0

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Status Company



- Document Revision History

Revision	Date	By	Remarks
V1.00	11 May 2022	Darrell	Initial operational document



- ARMS F&B Change Printer IP User Guide - Table of Contents
 - [Things to check before changing Receipt Printer IP](#)
 - [Changing Printer IP via LAN\(RJ45\) & browser](#)
 - [Method 1: Connect Printer direct to PC](#)
 - [Method 2: Connect Printer to Router or Switch](#)
 - [Changing Printer IP via USB & Printer Test tool](#)
 - [Check new Printer IP & insert into ARMS F&B App](#)

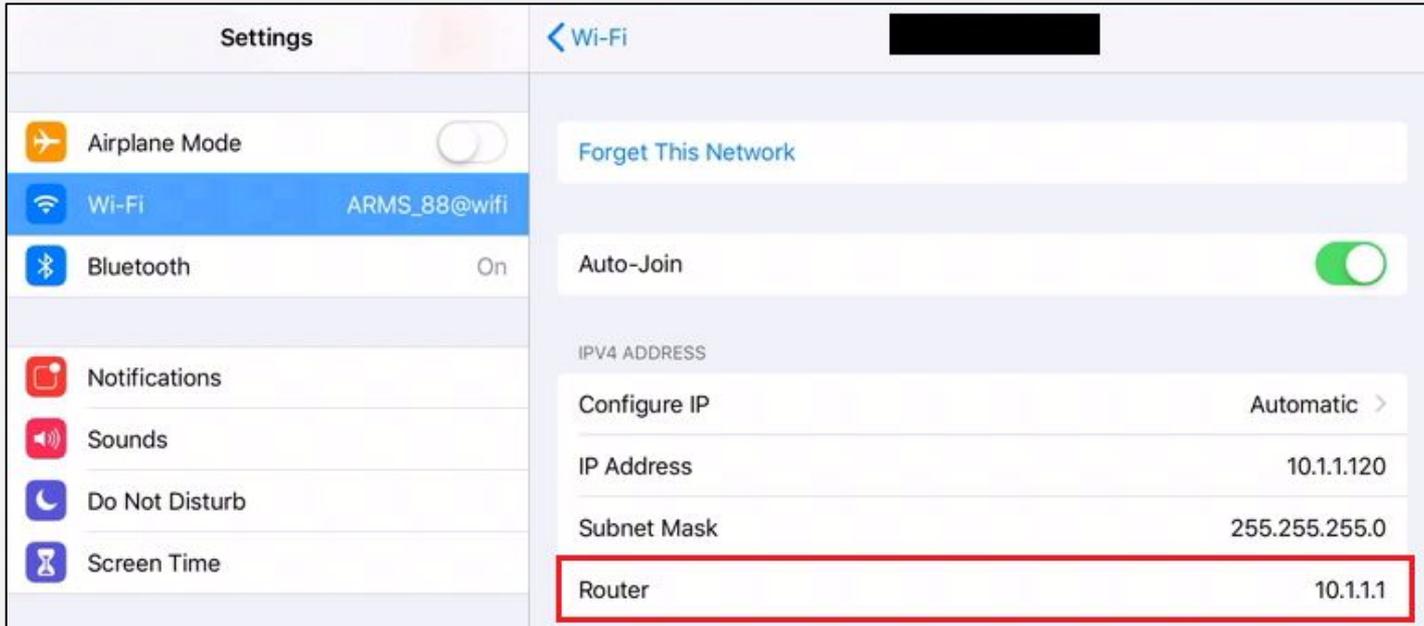
- ARMS F&B Change Printer IP User Guide -

Things to check before Changing Receipt Printer IP

- ARMS F&B Change Printer IP User Guide - Pre-Checks

Check the ARMS F&B Main terminal iPad's IP range.

In this example, Router IP is 10.1.1.1, so our Printer IP will need to be 10.1.1.XXX in order to be in the same network range. The IP will need to be in between 10.1.1.2 - 10.1.1.255.



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Perform a Test Print on the Receipt Printer to check the it's current IP

Steps to perform Test print:

- 1) Turn off printer
- 2) Hold down the Feed button while turning on the printer.
- 3) Let go off the feed button.

The IP address will be shown in the Printout as the image here

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For this example, we'll be switching the IP to 10.1.1.194

```
Command Prompt

C:\Users>ping 10.1.1.194

Pinging 10.1.1.194 with 32 bytes of data:
Reply from 10.1.1.196: Destination host unreachable.

Ping statistics for 10.1.1.194:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
```

Check IP Availability for the target IP

If reply show as the image shown, it means that the targeted IP is available for use.

***Note: The Printer's IP should not clash with the Router's or any other device's IP.**

- ARMS F&B Change Printer IP User Guide - Pre-Checks

```
C:\Users>ping 10.1.1.194

Pinging 10.1.1.194 with 32 bytes of data:
Reply from 10.1.1.194: bytes=32 time=2ms TTL=255
Reply from 10.1.1.194: bytes=32 time=12ms TTL=255
Reply from 10.1.1.194: bytes=32 time=1ms TTL=255
Reply from 10.1.1.194: bytes=32 time=1ms TTL=255

Ping statistics for 10.1.1.194:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 12ms, Average = 4ms
```

If there's reply from the IP when you ping the IP, it means the IP already exists and in use by other devices.

Please use a different IP address if this is the case.



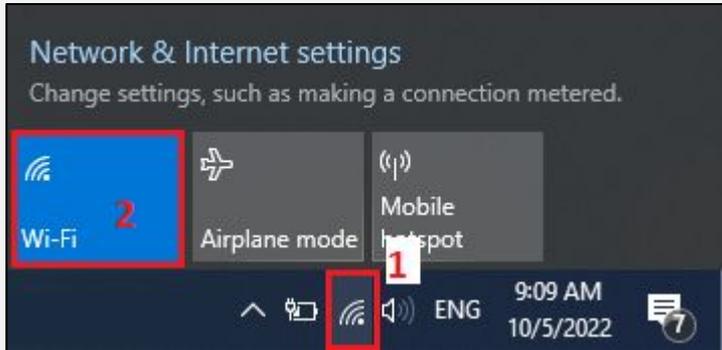
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Changing Printer IP via LAN & browser

- ARMS F&B Change Printer IP User Guide -
LAN (RJ45 Port) & Browser

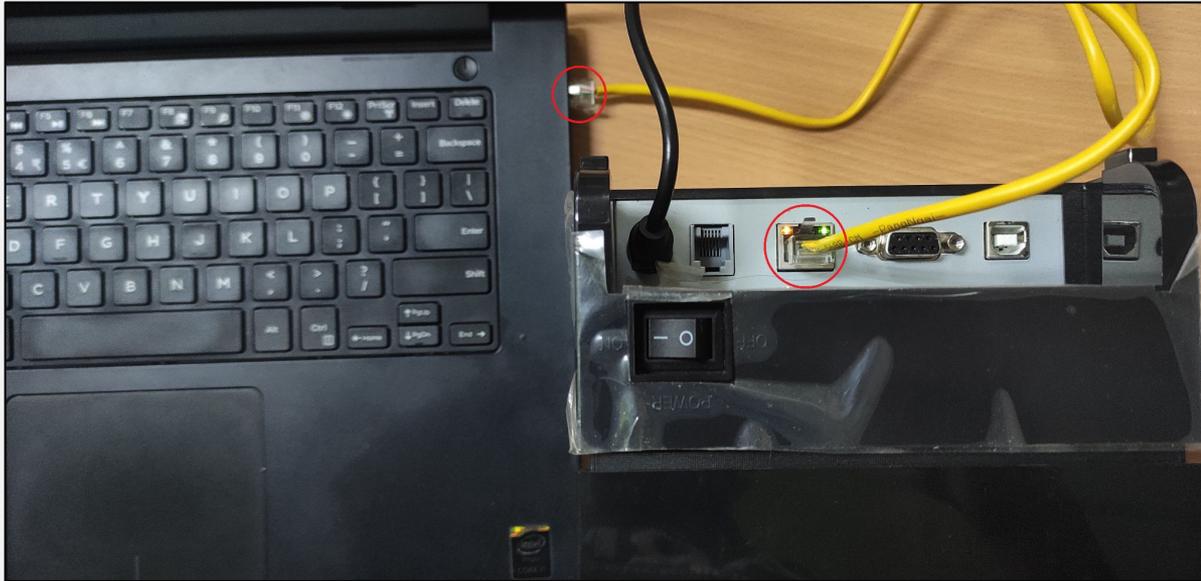
Method 1: Connect Printer directly to PC

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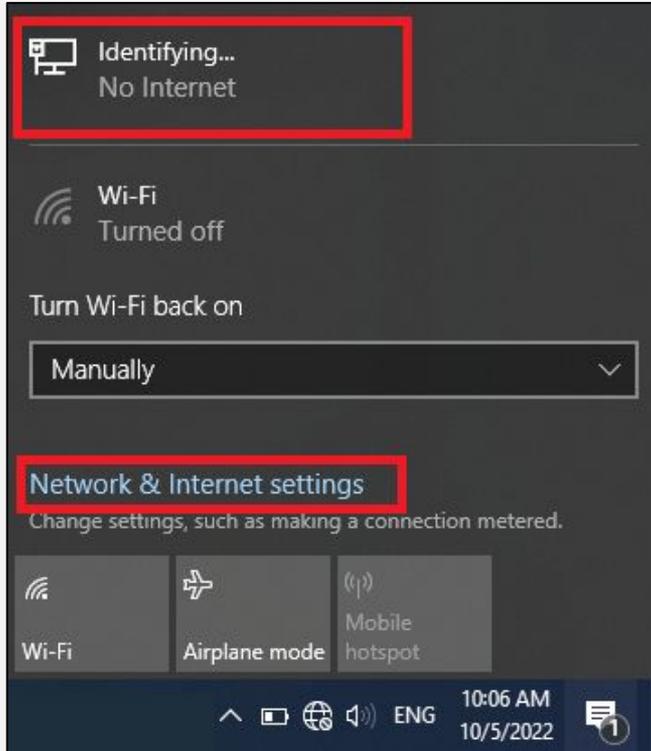
Open the Network options Turn off Wi-Fi on the Computer.

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Connect Receipt Printer to Computer via LAN (RJ45 port)

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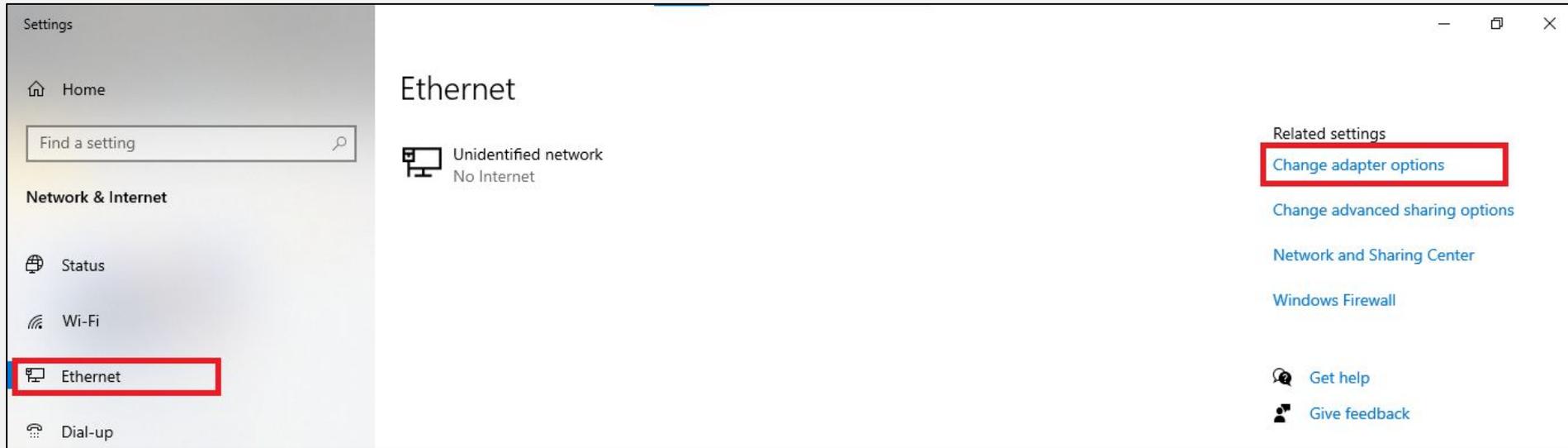


After Computer detects the Printer via the LAN, it will show the status as Identifying

Proceed to Network & Internet settings by clicking on the icon

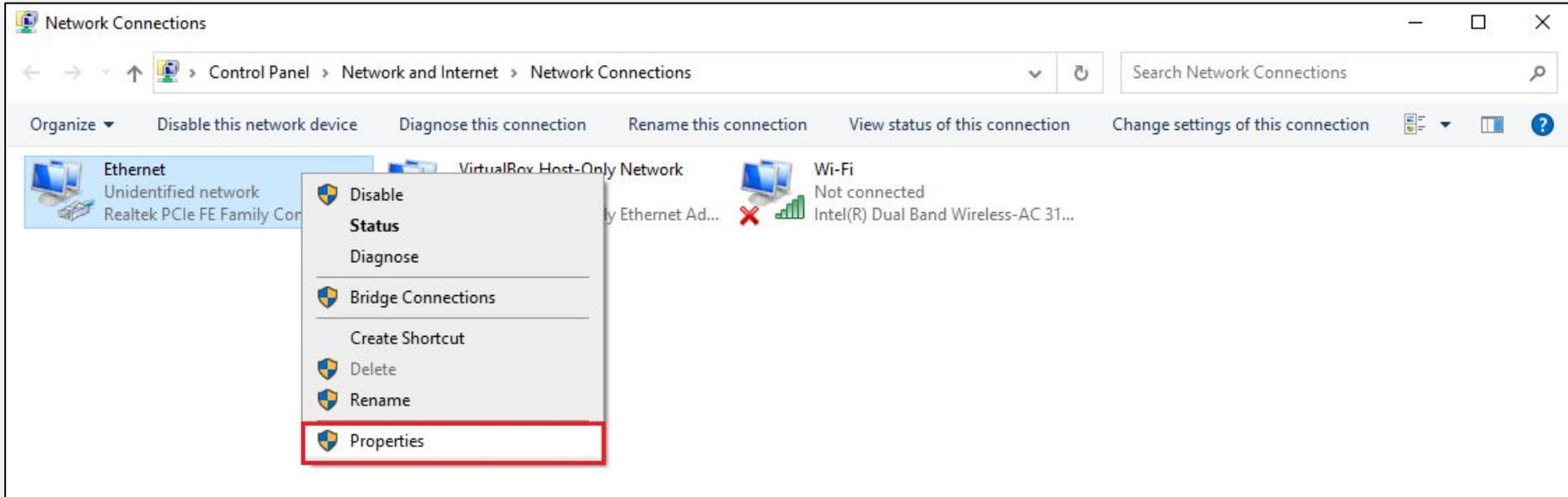
- ARMS F&B Change Printer IP User Guide - LAN (RJ45 Port) & Browser

In the Settings, navigate to Ethernet > Change Adapter option

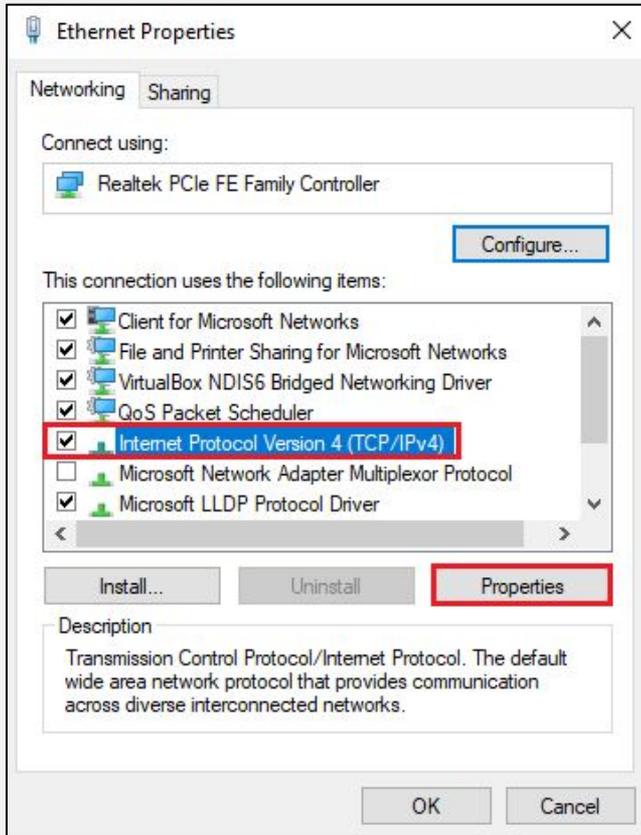


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Right click on the Ethernet adapter and click on Properties



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Select the connection “Internet Protocol Version 4” and click on properties

- ARMS F&B Change Printer IP User Guide - LAN (RJ45 Port) & Browser

Internet Protocol Version 4 (TCP/IPv4) Properties

General

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

Obtain an IP address automatically

Use the following IP address:

IP address: 192 . 168 . 1 . 101

Subnet mask: 255 . 255 . 255 . 0

Default gateway: 192 . 168 . 1 . 1

Obtain DNS server address automatically

Use the following DNS server addresses:

Preferred DNS server: . . .

Alternate DNS server: . . .

Validate settings upon exit

Advanced...

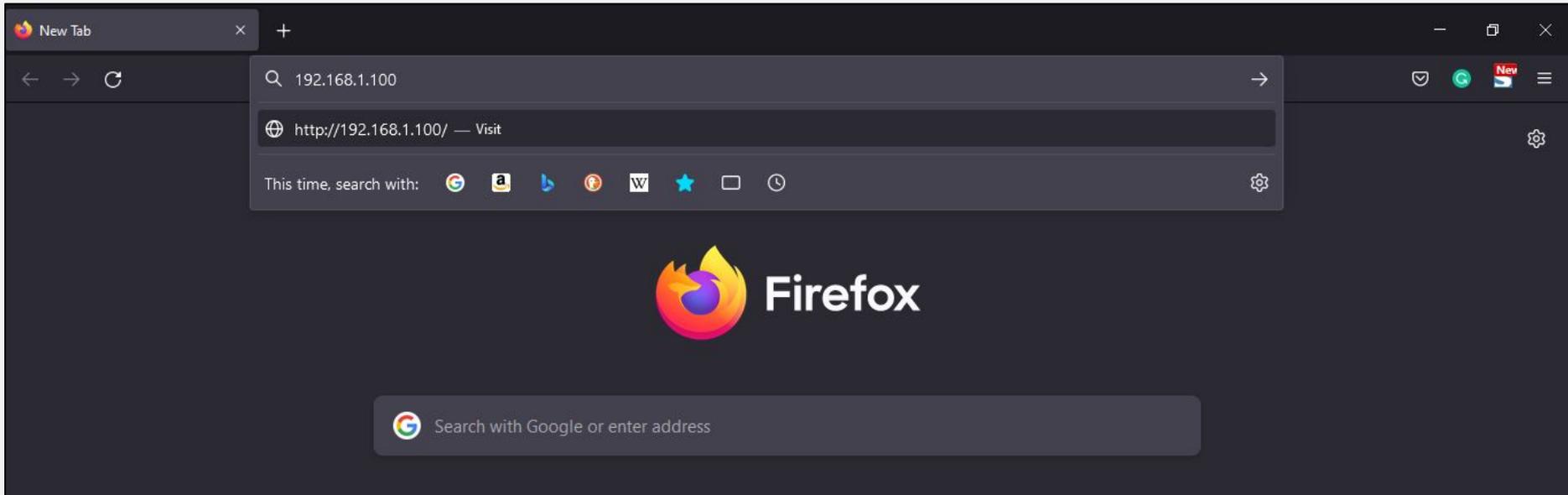
OK Cancel

Set manual IP according to printer IP range, and click on OK.

Close the Ethernet Properties when complete.

- ARMS F&B Change Printer IP User Guide - LAN (RJ45 Port) & Browser

Open the browser (Firefox, Google Chrome, etc.) and type in IP of the Receipt Printer



ARMS F&B Change Printer IP User Guide - LAN (RJ45 Port) & Browser

Navigate to the Configuration page.

The screenshot shows a web browser window with the address bar displaying '192.168.1.100'. The page title is 'Ethernet WebConfig Version 1.02'. On the left side, there is a blue sidebar menu with four items: 'Information', 'Configuration', 'Printer Status', and 'Printer Test'. The 'Configuration' item is highlighted with a red border. Below the menu is a 'Restart' button. The main content area has a header 'Ethernet Information View the current Information of Ethernet'. Below this is a table of network settings and a 'Refresh' button.

Ethernet Information	
Mac Address	00-E7-1A-B6-EB-D2
IP Address	192.168.1.100
Subnet Mask	255.255.255.0
Gate Way	192.168.1.1
DHCP	Disabled
DHCP Timeout	90



- ARMS F&B Change Printer IP User Guide - LAN (RJ45 Port) & Browser

Set the new Printer IP into the fields highlighted in the image below.
Click on Save to save the changes.

The screenshot shows the 'Ethernet WebConfig Version 1.02' interface. On the left, there is a navigation menu with options: Information, Configuration, Printer Status, and Printer Test. The main area is titled 'Configure Ethernet Settings for the Ethernet Interface'. Under 'IP Address', the 'Fixed IP Address' option is selected. The following fields are highlighted with a red box:

Device IP Address	192	168	1	100
Subnet Mask	255	255	255	0
Gateway Address	192	168	1	1

At the bottom, the 'Save' button is highlighted with a red box. Other buttons include 'Restart', 'Restore Default', and 'cancel'.

Example:

Device IP Address:
10.1.1.194

Gateway Address:
10.1.1.1

- ARMS F&B Change Printer IP User Guide -
LAN (RJ45 Port) & Browser

Method 2: Connect Printer to Router or Switch

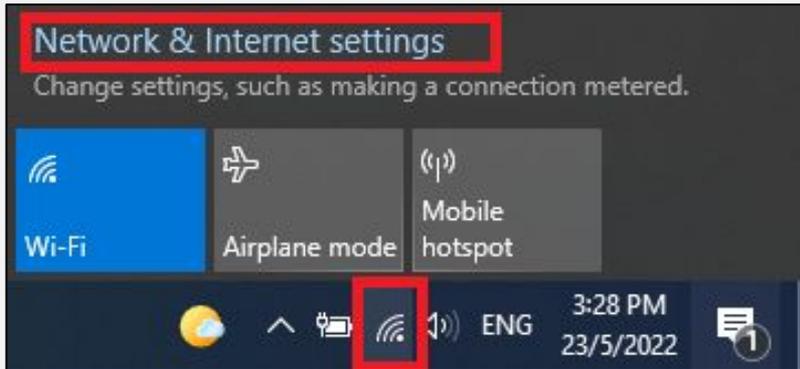


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LAN (RJ45 Port) & Browser

Connect Receipt Printer to the Router / Switch / network outlet
that connected to the Router via LAN (RJ45 port)



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Open the Network options, and click on Properties of the Network on the Computer.

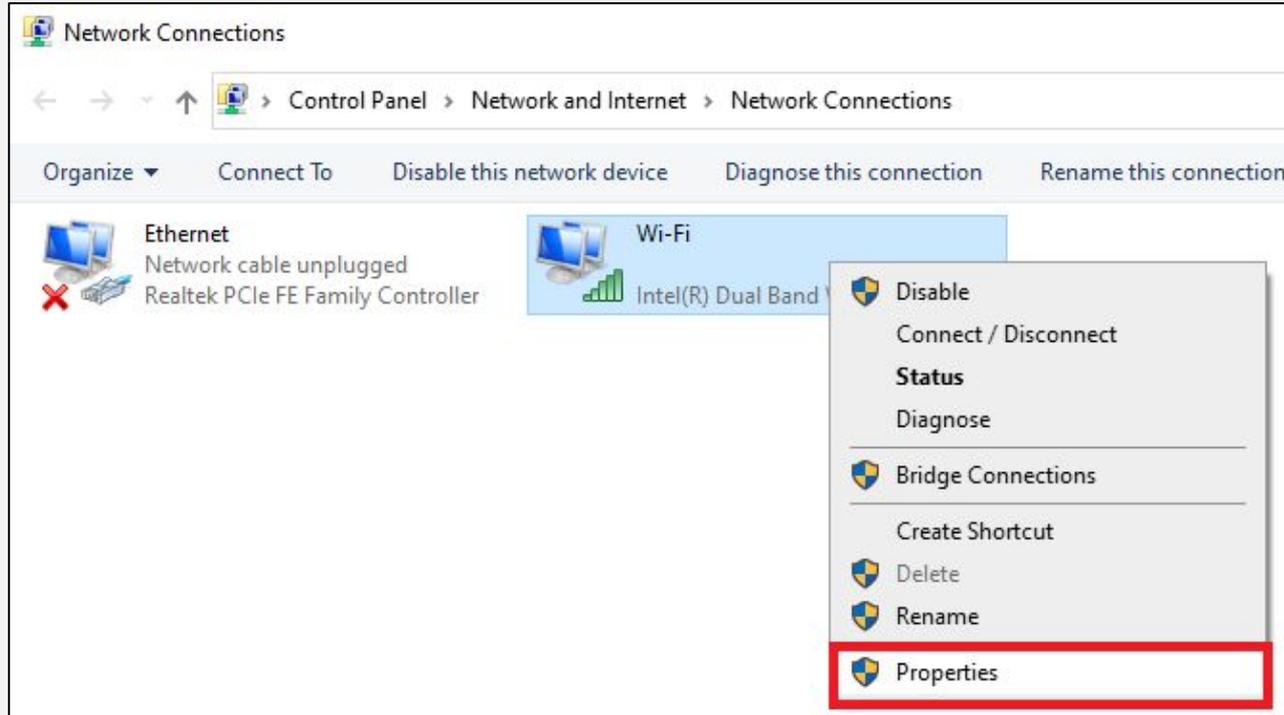
ARMS F&B Change Printer IP User Guide - LAN (RJ45 Port) & Browser

In the Settings, navigate to Wi-Fi > Change Adapter option

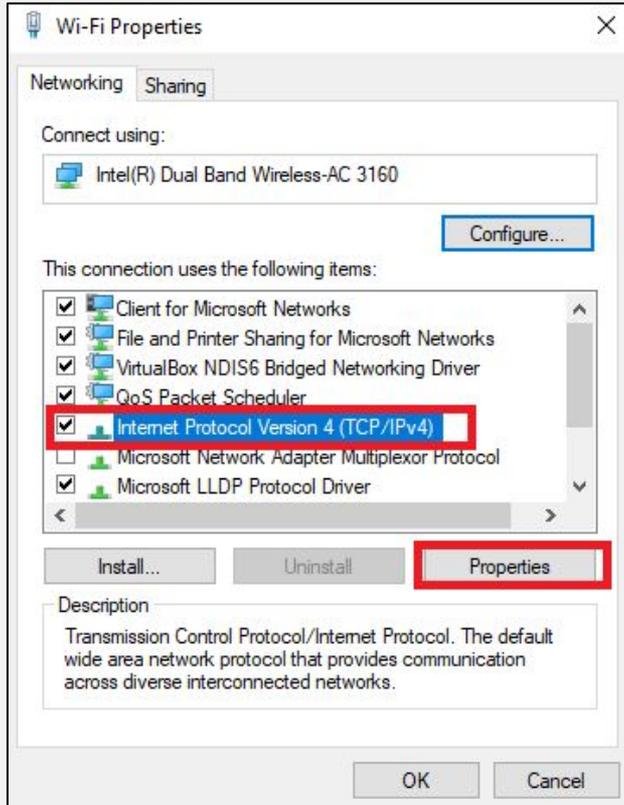


ARMS F&B Change Printer IP User Guide - LAN (RJ45 Port) & Browser

Right click on the Ethernet adapter and click on Properties



ARMS F&B Change Printer IP User Guide - LAN (RJ45 Port) & Browser



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Internet Protocol Version 4 (TCP/IPv4) Properties

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Subnet mask: 255 . 255 . 255 . 0

Default gateway: 192 . 168 . 1 . 1

Obtain DNS server address automatically

Use the following DNS server addresses:

Preferred DNS server: . . .

Alternate DNS server: . . .

Validate settings upon exit

Advanced...

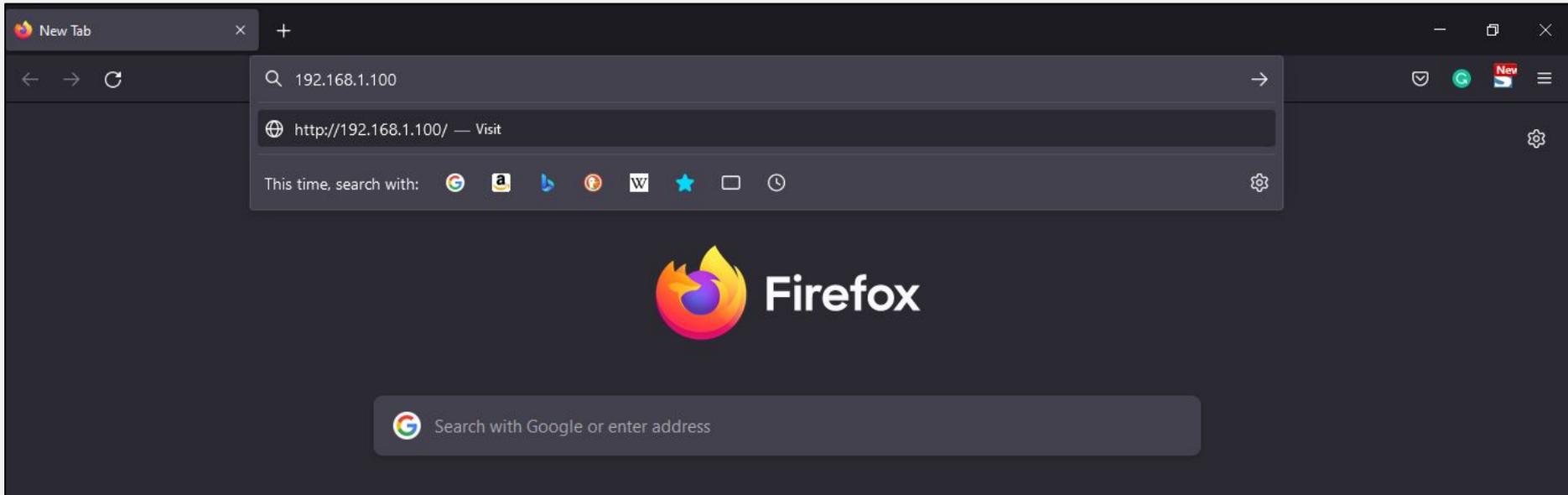
OK Cancel

Set manual IP according to printer IP range, and click on OK.

Close the Wi-Fi Properties when complete.

- ARMS F&B Change Printer IP User Guide - LAN (RJ45 Port) & Browser

Open the browser (Firefox, Google Chrome, etc.) and type in IP of the Receipt Printer



ARMS F&B Change Printer IP User Guide - LAN (RJ45 Port) & Browser

Navigate to the Configuration page.

The screenshot shows a web browser window with the address bar displaying '192.168.1.100'. The page title is 'Ethernet WebConfig Version 1.02'. On the left, a blue sidebar contains a menu with four items: 'Information', 'Configuration', 'Printer Status', and 'Printer Test'. The 'Configuration' item is highlighted with a red border. Below the sidebar is a 'Restart' button. The main content area has a header 'Ethernet Information View the current Information of Ethernet' and a table of network settings. Below the table is a 'Refresh' button.

Ethernet Information View the current Information of Ethernet	
Mac Address	00-E7-1A-B6-EB-D2
IP Address	192.168.1.100
Subnet Mask	255.255.255.0
Gate Way	192.168.1.1
DHCP	Disabled
DHCP Timeout	90



- ARMS F&B Change Printer IP User Guide - LAN (RJ45 Port) & Browser

Set the new Printer IP into the fields highlighted in the image below.
Click on Save to save the changes.

The screenshot shows the 'Ethernet WebConfig Version 1.02' interface. On the left, there is a navigation menu with 'Printer Test' selected. The main area is titled 'Configure Ethernet Settings for the Ethernet Interface'. Under 'IP Address', the 'Fixed IP Address' option is selected. The following fields are highlighted with a red box:

Device IP Address	192	. 168	. 1	. 100
Subnet Mask	255	. 255	. 255	. 0
Gateway Address	192	. 168	. 1	. 1

At the bottom, the 'Save' button is highlighted with a red box. Other buttons include 'Restart', 'Restore Default', and 'cancel'.

Example:

Device IP Address:
10.1.1.194

Gateway Address:
10.1.1.1



- ARMS F&B Change Printer IP User Guide -

Changing Printer IP via USB & Printer Test tool



- ARMS F&B Change Printer IP User Guide - USB & Printer tool

Connect Receipt Printer to Computer via the USB Cable.



- ARMS F&B Change Printer IP User Guide - USB & Printer tool

Download the Printer Test tool using the Links Below:

***Note that the Printer Test tool may vary depending on the Printer model**

ARMS 80IV:

<https://asi.storagecloud.arms.com.my/index.php/s/HZcMsooxod9xw9L>

ZY301:

<https://asi.storagecloud.arms.com.my/index.php/s/jAXjSCjD9izN67A>

Open the File once Download is completed.

- ARMS F&B Change Printer IP User Guide - USB & Printer tool

Insert the new Receipt printer IP in the “New IP” field and click on “Set New IP” icon

Printer TEST V3.0C

Port Select: LPT COM USB NET

Printer Type: POS-58 POS-76 POS-80

LPT Set: LPT1

COM Set: COM1 9600 RTS

NET Set

Local IP: 192 . 168 . 56 . 1 Refresh

Printer IP: 192 . 168 . 123 . 100 Connect Ping

New IP: 192 . 168 . 1 . 100 Set New IP NetMonitor

New ID: 0 . 0 . 0 . 0 New ID (Set last four ID)

Example:

Device IP Address:
10.1.1.194

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**Check Printer IP and insert into
ARMS F&B App**

- ARMS F&B Change Printer IP User Guide - Check Printer IP

Test print on Printer again to check if IP is Successfully changed
Click [Here](#) for steps to do Test Print on printer.

```
Version      : 2.1AFN
Speed       : 300mm/s
Interface    : USB &
              Serial 19200,n,8,1 &
              Ethernet(10M/100M)
Protocols    : TCP/IP
MAC address  : 00-E7-1A-B6-EB-D2
IP address   : 10.1.1.194
Subnet Mask : 255.255.255.0
Gate Way    : 10.1.1.1
Net DHCP    : Disabled
Cutter      : Yes
```

- ARMS F&B Change Printer IP User Guide - Check Printer IP

Connect the Printer to the Network (Router / Switch) via the LAN cable and try to Ping the IP again and see if there's any reply

```
C:\Users>ping 10.1.1.194

Pinging 10.1.1.194 with 32 bytes of data:
Reply from 10.1.1.194: bytes=32 time=2ms TTL=255
Reply from 10.1.1.194: bytes=32 time=12ms TTL=255
Reply from 10.1.1.194: bytes=32 time=1ms TTL=255
Reply from 10.1.1.194: bytes=32 time=1ms TTL=255

Ping statistics for 10.1.1.194:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 12ms, Average = 4ms
```

- ARMS F&B Change Printer IP User Guide - Insert to ARMS F&B

On the ARMS F&B App, navigate to the Printer Settings (Administrator > Printers) to Insert the Printer's IP address and click on the Test icon and verify if the printer can Print.

Click on the Save icon at the top right of the screen to save the changes made.

Printer Name	IP Address	Columns	Printer Type	Kitchen Copy	Test
<input checked="" type="checkbox"/> Receipt Printer	10.1.1.194	48	ARMS	0	Test
<input type="checkbox"/> Cashier Printer	192.168.1.1	48	ARMS	0	Test
<input type="checkbox"/> Cashier Printer	192.168.1.1	48	ARMS	0	Test
<input type="checkbox"/> Cashier Printer	192.168.1.1	48	ARMS	0	Test
<input type="checkbox"/> Cashier Printer	192.168.1.1	48	ARMS	0	Test

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Test Print Print-out if setup is successful.

ARMS(R) F&B Restaurant POS

Aenean eu leo quam. Pellentesque ornare sem lacinia quam venenatis vestibulum. Curabitur blandit tempus porttitor. Donec ullamcorper nulla non metus auctor fringilla. Donec ullamcorper nulla non metus auctor fringilla. Donec sed odio dui.

If you are reading this then your printer is ready!

Thank You

Our Contact

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