



**How to connect to TSYS PAX-S300 Card Processing Terminal  
via Physical Ethernet LAN and its setup?**

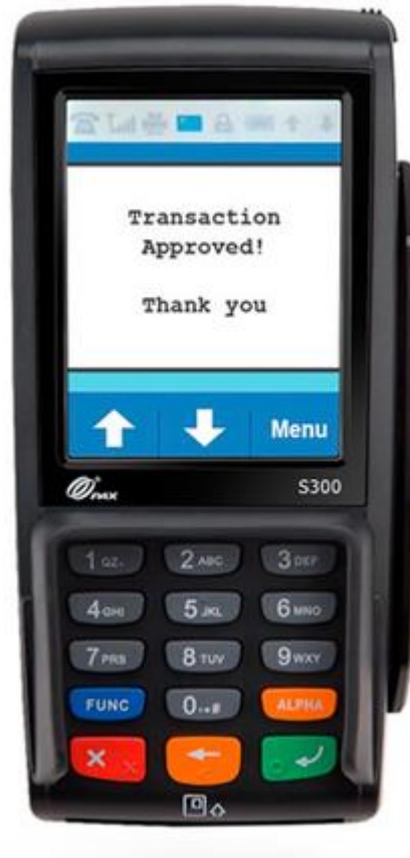
**(TSYS, Model PAX-S300)**

**May-21-2020, Version V1.0**

Contact information: [support@dolphinpos.com](mailto:support@dolphinpos.com)

<b>Index</b>	<b>Page#</b>
PAX Card Processing Terminal Setup	2-7
Link with DolphinPOS APP	7-9
Enable Static IP to PAX Terminal	9-11

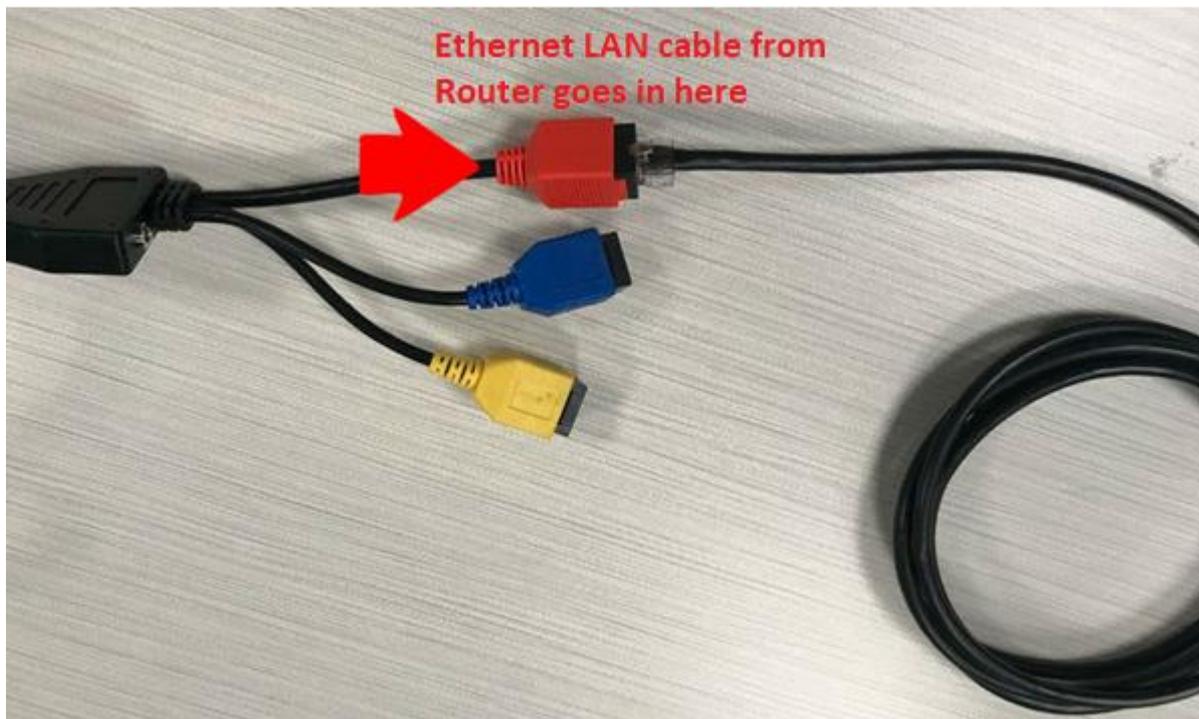
## PAX Card Processing Terminal Setup



## TSYS LAN based Card Processing Terminal Setup with DolphinPOS

---

**Step 1:** Connect the Ethernet LAN cable into “red cord” as shown in below.



**Step 2:** Connect the Power Pin of the cable into the hole has shown in below and other end of it goes into power supply. Which will turns ON the PAX device.

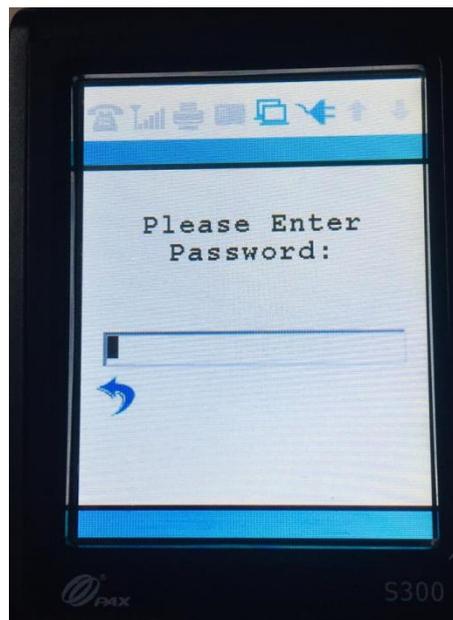


## TSYS LAN based Card Processing Terminal Setup with DolphinPOS

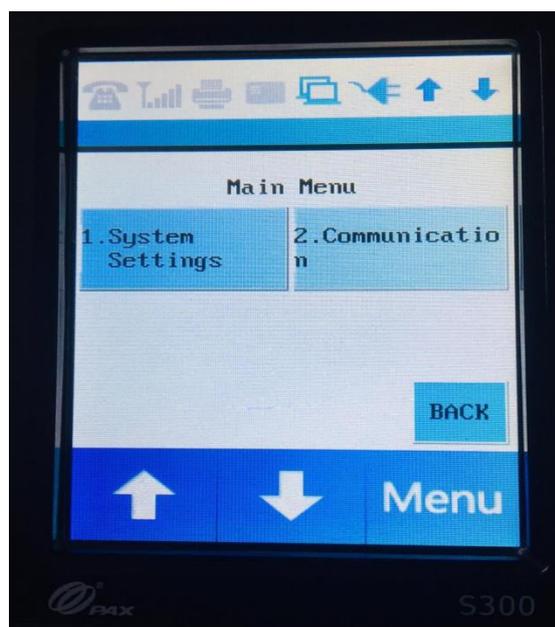
**Note:** Make sure both PAX terminal device and IPAD which you are using for POS APP are on the same LAN network.

**Step 3:** On the PAX front Panel

- a) Hold “F+1” keys together
- b) default Password is today’s date mmddyyyy (example march 13th 2020 i.e 03132020)

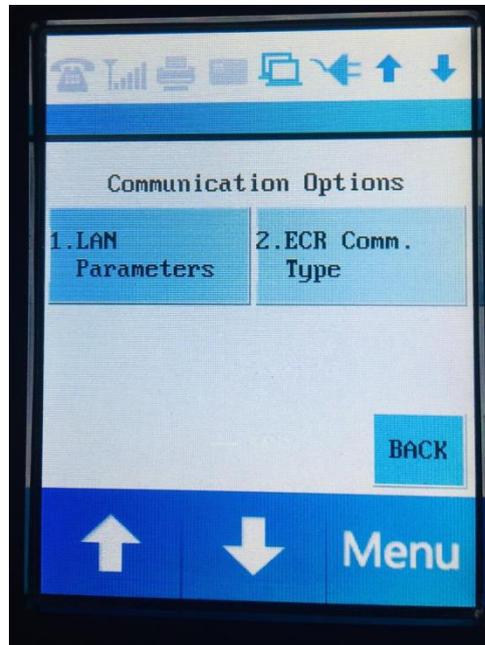


- c) Scroll down 1 page (press down arrow) and press to “2.Communication” option.

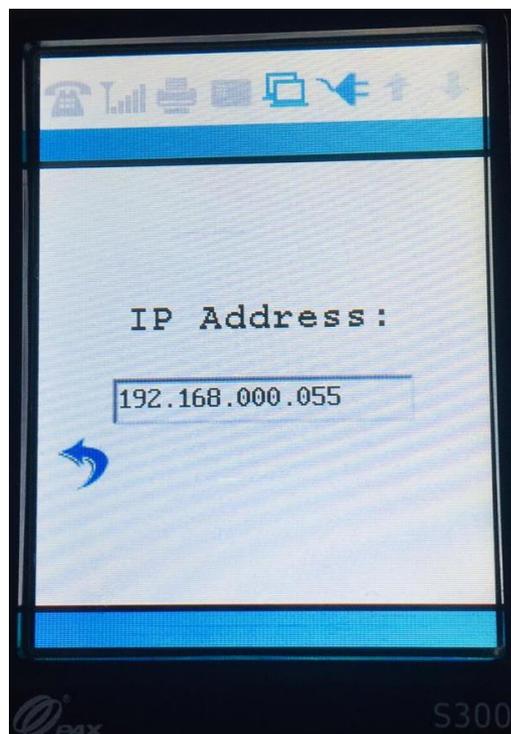


## TSYS LAN based Card Processing Terminal Setup with DolphinPOS

- d) Enter your password again (it's today's date mmddyyyy, if it is not changed)
- e) Scroll down 2 pages (press down arrow two times) and press "1. LAN Parameters".

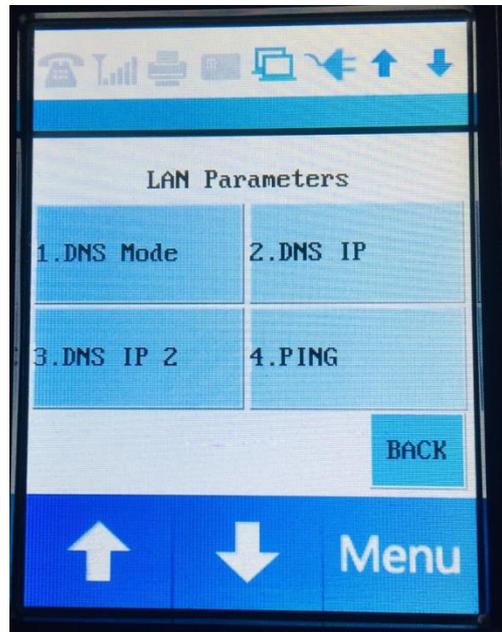


- f) press "2.IP Address" and Note down the IP Address (xxx.xxx.xxx.xxx)

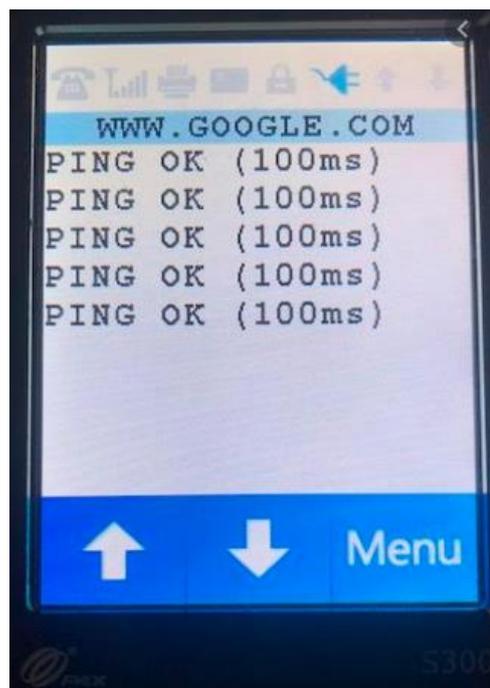


g) press enter

h) press down arrow & go to “ping” option and press “green” enter button



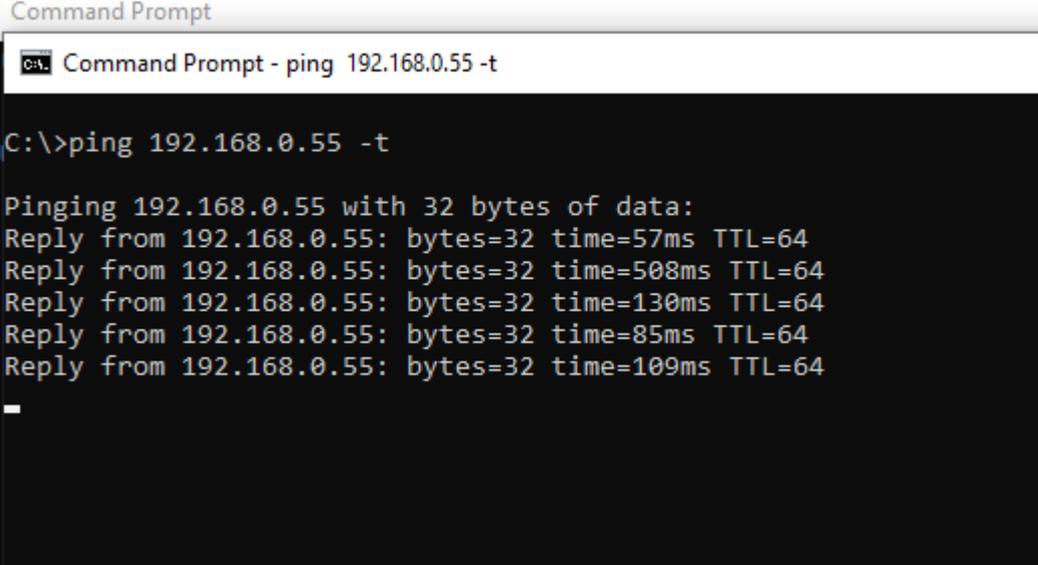
- If DNS resolve error appears (your internet may be down please confirm)
- If ping is ok, click red 'x' button, and press red 'x' button 3 times to go to main screen



## TSYS LAN based Card Processing Terminal Setup with DolphinPOS

To verify the internet connectivity of PAX LAN setup, you can do same ping test from DOS command prompt with below command on the PC (which should be on the same local network)

C:\xxx>ping xxx.xxx.xxx.xxx -t (Where xxx.xxx.xxx.xxx is your PAX LAN IP address which is assigned to it)



```
Command Prompt
C:\>ping 192.168.0.55 -t

Pinging 192.168.0.55 with 32 bytes of data:
Reply from 192.168.0.55: bytes=32 time=57ms TTL=64
Reply from 192.168.0.55: bytes=32 time=508ms TTL=64
Reply from 192.168.0.55: bytes=32 time=130ms TTL=64
Reply from 192.168.0.55: bytes=32 time=85ms TTL=64
Reply from 192.168.0.55: bytes=32 time=109ms TTL=64
-
```

You can see below YouTube video link of DolphinPOS for the same

<https://www.youtube.com/watch?v=h2XMsfBnEoU>

### DolphinPOS APP Setup to communicate with PAX S300

- 1) Click on dolphin pos App (restaurant/retail) on IPAD and go to Home screen
- 2) Go to “More” → “Card” →and press “Integrated PinPad”
- 3) Change “IP Address” in APP with some minor changes listed below (which we have noted from above PAX S300 Hardware Setup).
  - Example in PAX s300 if it is 192.168.000.055 , then in IPAD APP it should be 192.168.0.55

# TSYS LAN based Card Processing Terminal Setup with DolphinPOS

- Example in PAX S300 if IP address is 192.168.001.155 , then in IPAD APP it should be 192.168.1.155

4) Port No.: 10009

5) Then Tap on “Configure Pin Pad”

The image shows two screenshots of the Dolphin POS Settings application. The top screenshot shows the 'Settings' screen with the 'Integrated PinPad' option selected. The 'Card' option is highlighted in the left sidebar. The 'IP Address' field is set to 192.168.0.55 and the 'Port No' field is set to 10009. The bottom screenshot shows the same settings screen, but with the 'Configure PinPad' button highlighted at the bottom.

**Settings**

Stand Alone PinPad | **Integrated PinPad**

Device ID 0

Merchant ID 0

Terminal ID 0

Operator ID 0

PinPad ID 0

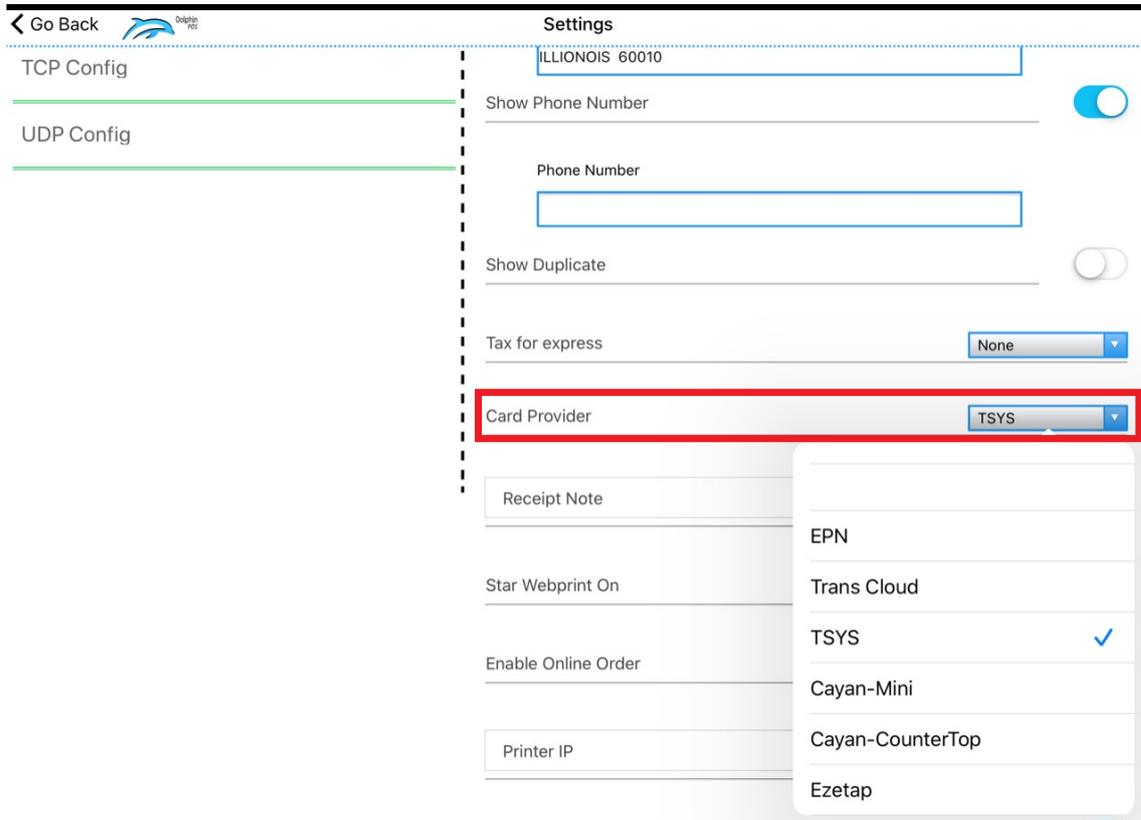
**IP Address 192.168.0.55**

**Port No 10009**

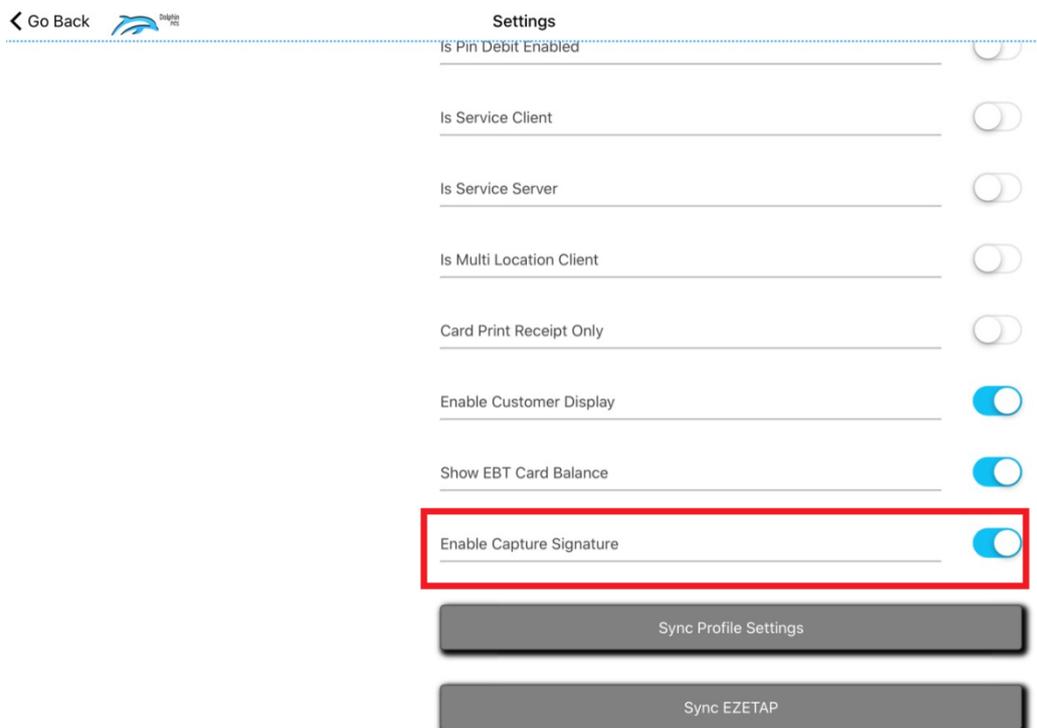
**Configure PinPad**

# TSYS LAN based Card Processing Terminal Setup with DolphinPOS

6) Go to “General” and Select card provider to “TSYS” from the dropdown



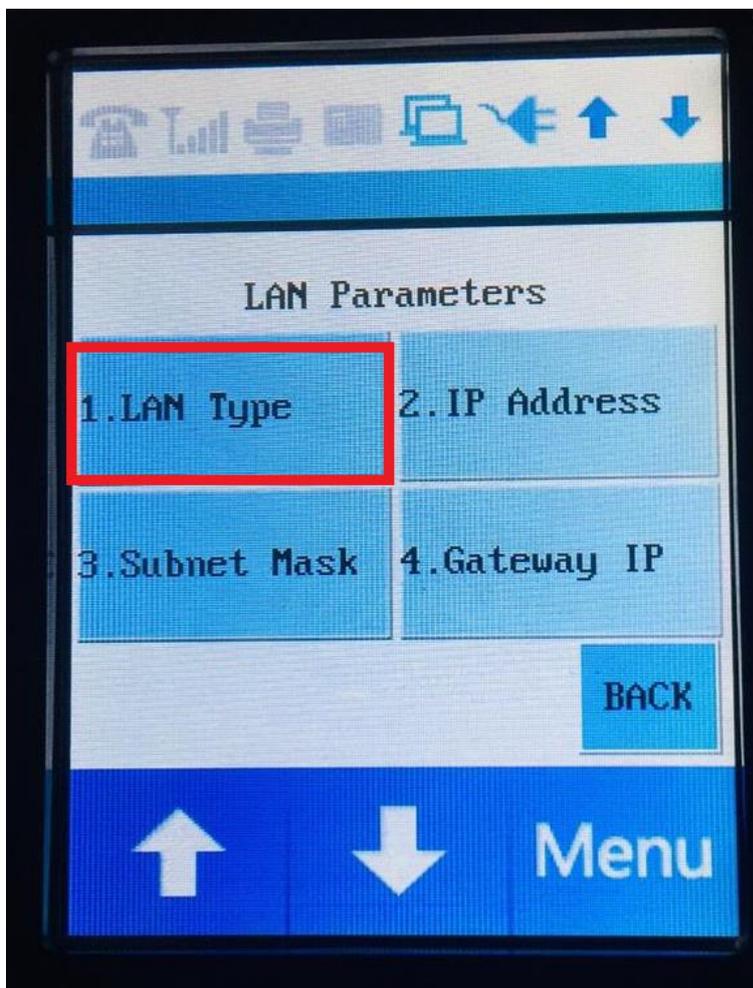
7) In the same page “Enable Capture Signature” flag if you want to capture signature on the TSYS display.



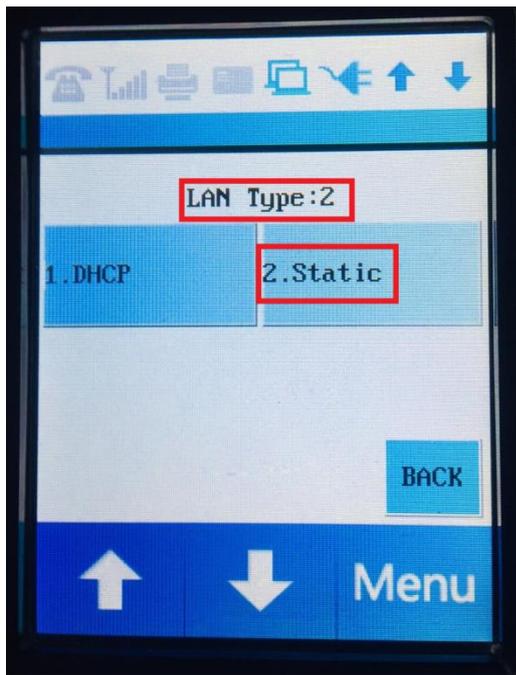
8) That's it, just close the application and open it. You are good to go!

### How to make IP address to Static

1. Press Menu or "FUNC" and "1" at the same time
2. Enter your password (default password is the current date in MMDDYYYY format)
3. Scroll down 1 page and press "2. Communication"
4. Enter your password again
5. Scroll down 2 pages and press "1. LAN Parameters"
6. Press "1. LAN Type"



7. Press "2. Static"



8. Go back into "LAN Type" and verify that LAN Type:"2" is selected before proceeding.
9. Go back to the home screen by using the back button on the screen several times.

You will need to power cycle (unplug and replug the power cable) the device for it to receive a new IP address from the router.