



# iSMP v4 Wi-Fi

## Manual Configuration Guide

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## Contents

<b>1 Objective .....</b>	<b>3</b>
<b>2 Audience .....</b>	<b>4</b>
<b>3 Accessing Device Functions .....</b>	<b>5</b>
<b>4 Powering On Wi-Fi Module .....</b>	<b>7</b>
<b>5 Configuring Wi-Fi.....</b>	<b>11</b>
<b>6 Setting POS Comm Type.....</b>	<b>21</b>

# 1 Objective

This document is created for setting and configuring Wi-Fi via the menus within the iSMP4. While there are other means to handle some of this, this focuses on end user level configuration.

## 2 Audience

This document is intended for merchant-level (employees at the station or in the back office) to walk through and conform the device's Wi-Fi to the local area network's criteria. Please confer with your IT / Network admin on the specific values needed for the criteria outlined in this document.

### 3 Accessing Device Functions

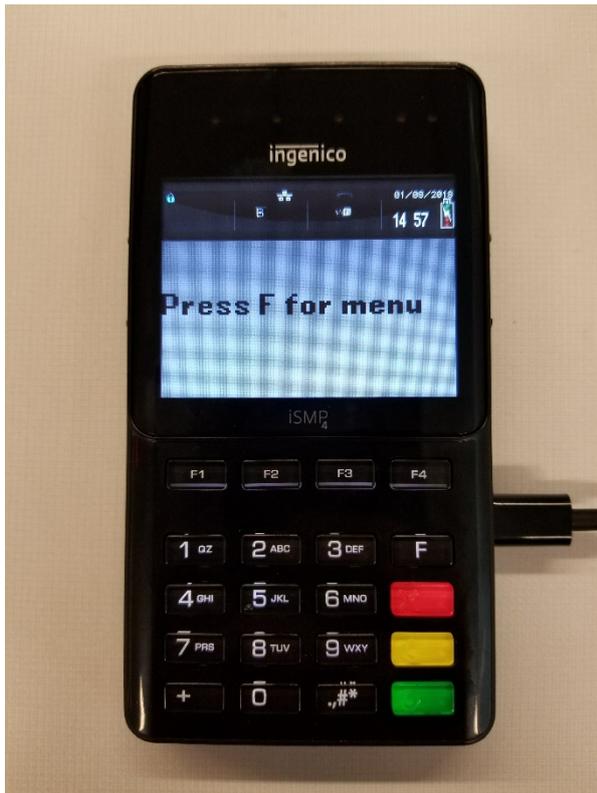
This section will cover the necessary steps to access the Telium Manager upon starting the device.



- A. Power device on and wait until device displays the above; this is what is referred to as the “splash screen”. Using the device keypad, immediately enter the following sequence:

<2>, <6>, <3>, <4>, then <Enter>

## iSMP v4 Wi-Fi



- B. Please give the device several seconds, and you should be directed to the above display. Press the <F> button.



- C. This is the Functions menu. NOTE: This will be the starting point for several below sections.

## 4 Powering On Wi-Fi Module

Before setting up the device to access your Wi-Fi network, you must assure the module is turned on for Wi-Fi to search and add the device to the WiFi network.



- A. In the Functions menu, scroll down using <F2> or press <3> to select 3-TDA. (For developers, this can also be configured and loaded with the TDA.xml in the DP provided by Ingenico)

## iSMP v4 Wi-Fi

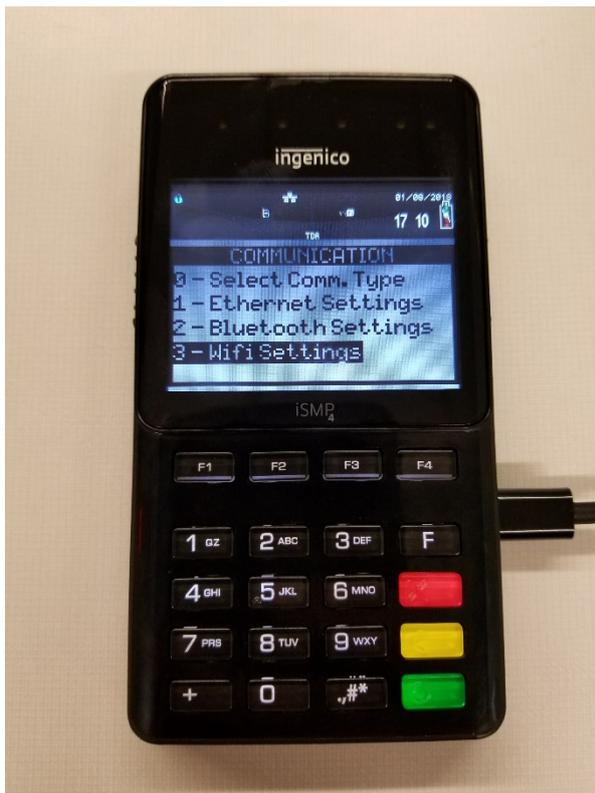


B. Select 0-Configuration.

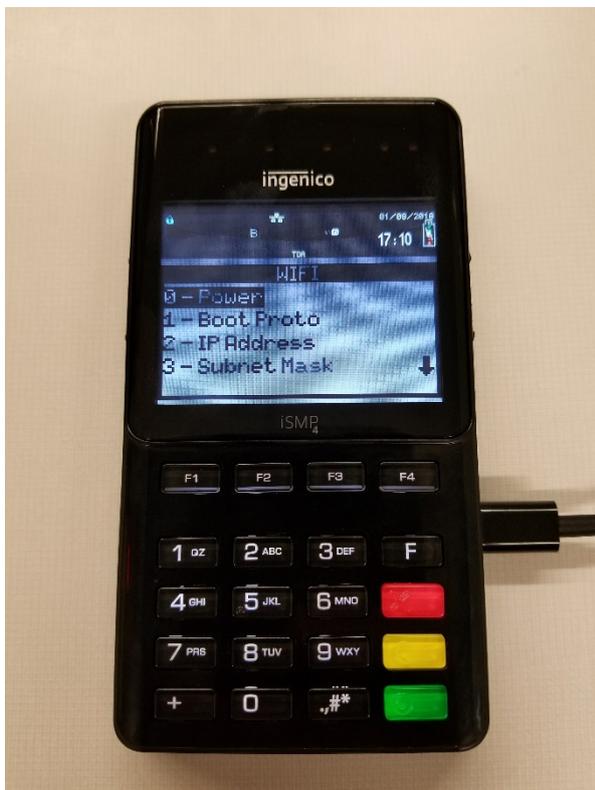


C. Select 0-Communication.

## iSMP v4 Wi-Fi



D. Select 3-Wifi Settings.



E. Select 0-Power.

## iSMP v4 Wi-Fi



- F. Select 1-ON. NOTE: If the below prompt doesn't display you can press <Cancel> (Red button marked with "X") several times until it appears.



- G. Select 1-Yes to Save and Reboot (required).

## 5 Configuring Wi-Fi

Following the previous steps, the device is now able to be configured with you or your company's wireless local area network. Please make sure you've obtained the proper values from your network admin or technical support.



- A. Beginning at the Functions menu, select 0-Telium Manager.



B. Under Telium Manager, select 3-Initialization.



C. Select 2-Hardware.

## iSMP v4 Wi-Fi



D. Select 5-Wifi.

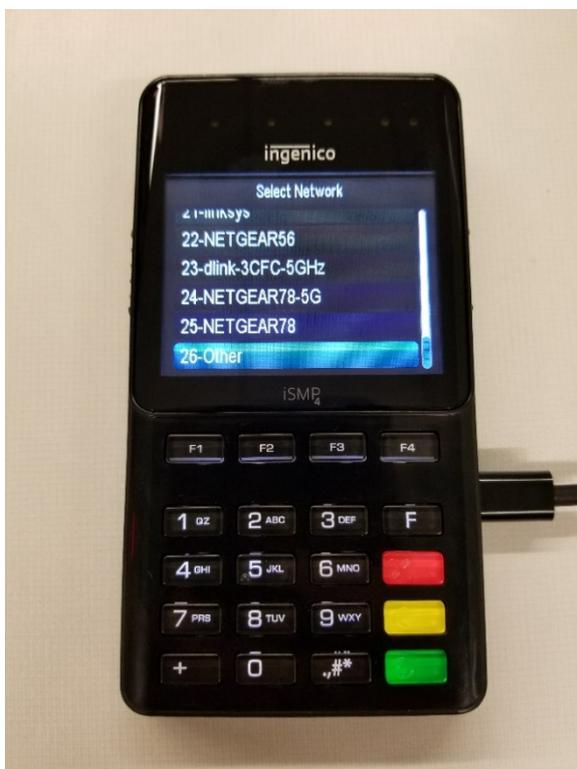


E. Select 2-Scan network to find the corresponding SSID or select "Other" if the network is hidden.

## iSMP v4 Wi-Fi



F. The above will display while the network searches for nearby access points.



G. Using <F2> or <F3> to scroll up or down to find the respective SSID. The last selection is Other; you will select this to set up your hidden network.

## iSMP v4 Wi-Fi



- H. Select 2-Yes, to begin setting the connection to your hidden access point.



- I. Enter the designated SSID provided. NOTE: F1=*left*, F2=*down*, F3=*up*, F4=*right*.

## iSMP v4 Wi-Fi



- J. Select Enterprise Security. NOTE: If not supporting specific encryption, select Home Security and move to Step L.



- K. Select your network's designated Extensible Authentication Protocol (EAP).

## iSMP v4 Wi-Fi



L. For Home Security, enter the password

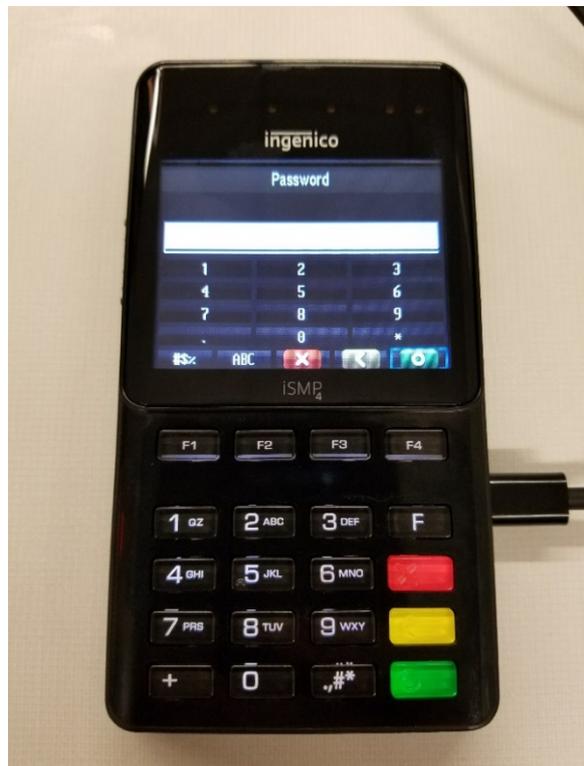


M. Priority, as to which network is used first if multiple set, will be set to 20, whether using Enterprise or Home Security. This is the final step if using Home Security.

## iSMP v4 Wi-Fi



N. Next you will select which Phase 2 Auth technology used.

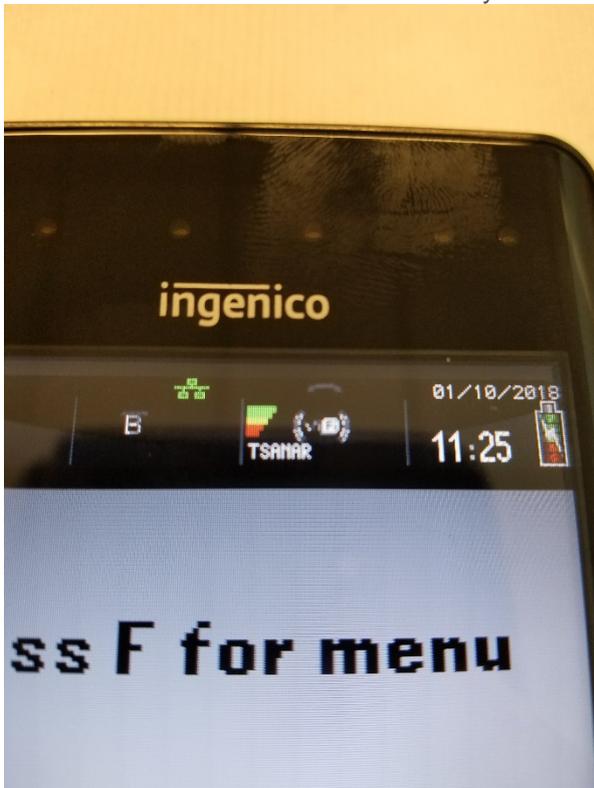


O. Enter your provided network log in credentials, both User and Password. NOTE: Password is case-sensitive.

## iSMP v4 Wi-Fi



P. If there is a Certification Authority to select, do so here.



## iSMP v4 Wi-Fi

If you've successfully connected to your network the above will display in the top right of the devices screen. It will display signal strength and your network name next to the Wi-Fi icon.

## 6 Setting POS Comm Type

This section will make sure the device is able to communicate with the point-of-sale (POS) using Wi-Fi connectivity. To better ensure success, please make sure your POS is also set up accordingly.



- A. Access the Functions menu and select 3-TDA. Select 0-Select Comm. Type.

## iSMP v4 Wi-Fi



B. Confirm or select 1-Ethernet.



C. Select 1-Yes, then allow device to reboot.

## iSMP v4 Wi-Fi



- D. Confirm connectivity via Wi-Fi by viewing the bottom of the “splash screen”. You should see **Host: WiFi: Server: DHCP/Static: IP Address : Port #** (these will be the values you