Installation Manual

SO WIFI In-between Box (IBB)

Intro
This manual will explain how to setup and configure the SO WIFI In-between Box. To be able to follow the steps below, access to the SO WIFI Dashboard is needed. Please read this entire document before performing any actions mentioned below.

What is an In-between Box(IBB)?
This is a regular SO WIFI Hotspot on which hardware from the customer will be connected to extend and distribute the Wi-Fi signal throughout the customer site. There is no physical difference between a Hotspot and an IBB. It is the exact same device.

Benefit of an IBB
With an IBB, the customers pre-owned Wi-Fi Access Points can be used with the SO WIFI System.

Installation:

Step 1: Open the SO WIFI Dashboard and follow the standard provisioning page setup by going to the "Devices" menu tab, selecting a "NEW" device and clicking on the "Install" (magic wand) button on the right of your screen.

Step 2: After you have finished the provisioning process, the SO WIFI Hotspot is now ready for some final adjustments to perform as a SO WIFI IBB. To adjust these settings lookup the new provisioned location under the "Locations" menu on the left in the SO WIFI Dashboard.

Step 3: Make sure that you are in the "**Settings**" tab after you have selected the new provisioned customer location. Now set the "**Public network enabled**" from "**On**" to "**Off**" so the SO WIFI IBB will no longer emit a Wi-Fi signal. The SO WIFI IBB will now only provide Internet with SO WIFI Login Portal to any connected Access Points of the customer.

Step 4: Connect the SO WIFI IBB to the customers Internet and power outlet so it can download the provisioned settings. This process can take up to 15 minutes. The process is completed once the Lock LED on the SO WIFI IBB will light up, and when scanning nearby Wi-Fi networks, no FREEWIFI network will any longer appear.

Step 5: Now use Setup example **1** or **2** below to connect the customers Wi-Fi Access Points with the SO WIFI IBB.

Setup example 1 Without Network Switch:

[Internet modem] –{Network cable from Modem *LAN* port to SO WIFI IBB *WAN* port**}- [SO WIFI IBB] –{**Network cable from SO WIFI IBB *LAN 1* or *2* port to the Access Point *WAN* port**}- [Maximum of 2 Wi-Fi access points]**

If the customer has more than two Wi-Fi access points, a Network Switch will be needed. This is a device, which enables the possibility to connect multiple Wi-Fi access points with a network cable to the SO WIFI IBB.

Setup example 2 With Network Switch (if more than two Wi-Fi Access Points are needed):

[Internet modem] –{Network cable from Modem *LAN* port to SO WIFI IBB *WAN* port**}- [SO WIFI IBB] –{**Network cable from SO WIFI IBB *LAN 1* or *2* port to free *LAN* port on Network Switch**}- [Network Switch] –{**Network cable from any free *LAN* port on Network Switch to *WAN* port of each Wi-Fi Access Point**}- [Customer's Wi-Fi Access Point]**

Network Switches can be obtained in any computer store. Always check with the customer what type of Network Switch is needed. Some Wi-Fi Access Points need Power over Ethernet (PoE) compatibility to be able to operate.

Important
- Access Points can only be connected to the SO WIFI IBB with a Network cable.
- The Public Wi-Fi name needs to be changed on the customers Wi-Fi Access Points directly. It is not possible to change the Public Wi-Fi name in the SO WIFI Dashboard.
- An Internet speed of at least 50Mbit is advised. Lower than 50Mbit will work but will limit the maximum amount of fast concurrent connections to the Wi-Fi network.
- Depending on the customer's pre-owned Wi-Fi Access Points, the SO WIFI IBB can handle up to 150 concurrent users.

For questions and help please contact the International SO WIFI Support team at:
E-**mail**: support@sowifi.com
Phone: +31 20 715 57 58