

# **Mivatek Limited,**

## ***MivaShuttle***

**Model No: OPU3120**



## **User Manual**

*Version 1.0.0*

*September, 2014*

## 1. Introduction

The OPU3120 is an 2.4GHz WLAN / RF433MHz Wireless. It contains a crystal, power amplifier, Tx filter and Tx/Rx switch as well as the necessary passive components to fully implement a 802.11b,g,n WiFi function as well as a RF433MHz transceiver.

The cutting-edge MivaShuttle Processing Unit (OPU3120) is an intelligent hub at the heart of all Mivatek systems. It communicates with the Mivatek Cloud, and automatically connects and manages all security sensors, IP cameras, storage devices, and the Mivatek Mobile App, which controls the system no matter where you are.

## 2. Hardware Installation

### 2.1 Assemble OPU3120 Station And Connect To Router

a



b



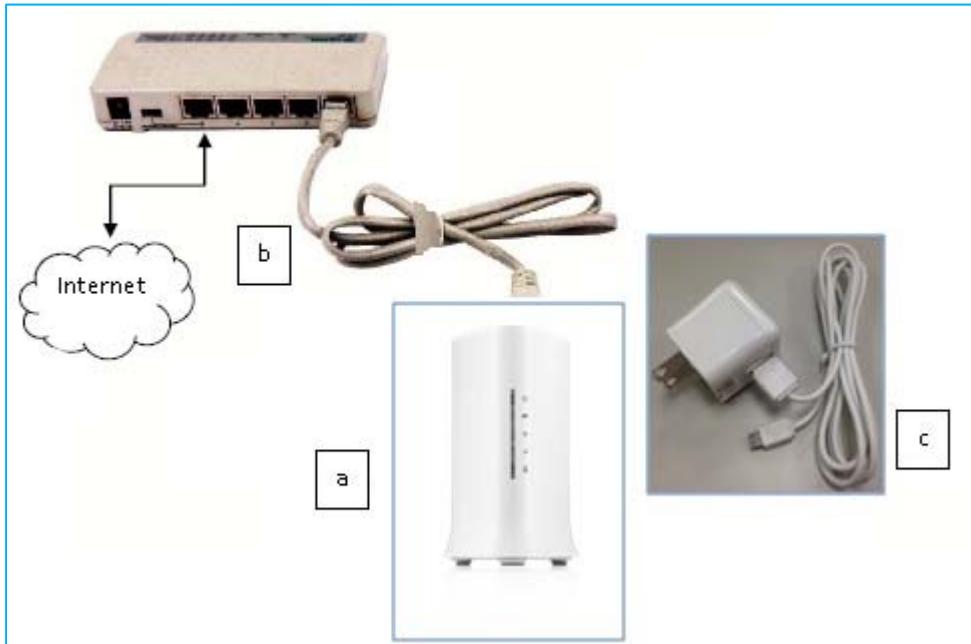
c



### 2.2 Contents

- a. OPU3120
- b. Ethernet Cable
- c. Power Adapter

### 2.3 Installation



- a. Connect the MivaShuttle to the home router using the provided Ethernet Cable.
- b. Plug Power Adapter to the MivaShuttle and an outlet.

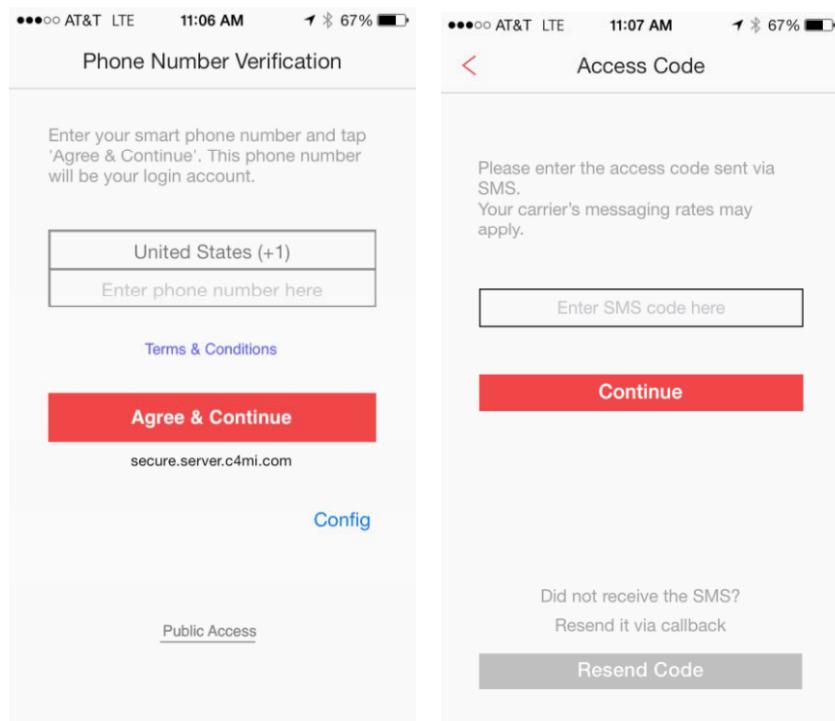
### 3. APP Installation

#### a) Set Up Account Using Your Smartphone

- 1) Download Mivatek App from iPhone's App Store, Android's Google Play Store, or Windows' Windows Phone Store.
- 2) Click on Mivatek icon and go through the Phone Number Verification process (see below).

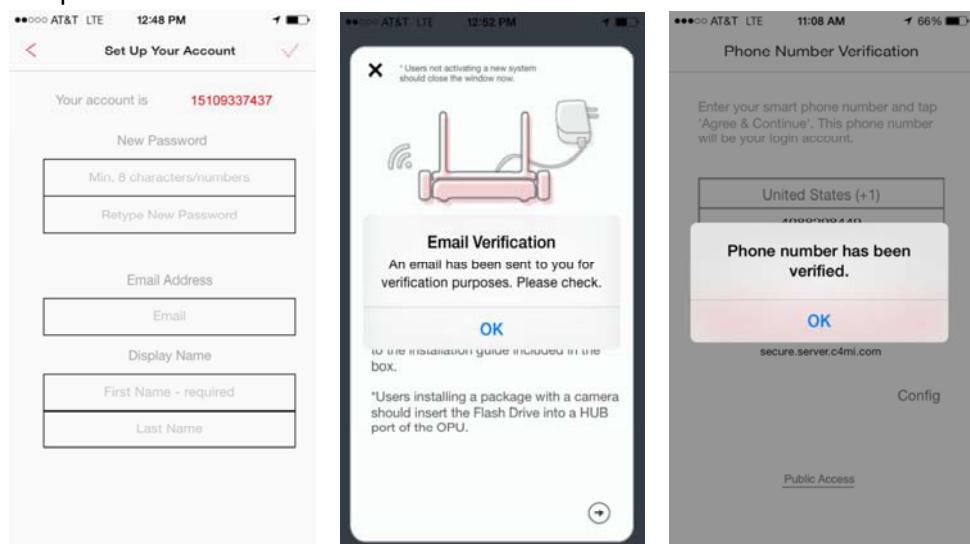
#### b) Phone Number Verification And Set New Password

- 1) At the Phone Number Verification page, input your phone number and tap on the "Continue" button. The server will send a verification code to the cell phone via SMS. Check for the verification code and enter it into the field provided.



2) If you do not receive the SMS, you can use the “Resend Code” button. Tap on the “Resend Code” button to receive a call back on your phone. A code will be read to you over the phone. Once the call ends, enter the code into the field provided.

3) You will be asked to set a password for your account. Once you fill out all the requested information, please tap on the (Save) button. After you sign in with the new password, your phone number verification will have been completed.



## 4. FCC Statement

### **Federal Communication Commission Interference Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

### **IMPORTANT NOTE:**

### **FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

**A. Part 15 Clause 15.105[EMC Class A/B statement]**

Note : This equipment has been tested and found to comply with the limits for a Class B digital Device, pursuant to part 15 of the FCC Rules.

these limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates , uses and radiate radio frequency energy and, if not installed and used in accordance with instructions, may cause harmful interference to radio or television, which can be determined by tuning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Connect the dealer or an experienced radio/TV technician for help.

**B. Part 15 Clause 15.21[Do not Modify warning]**

'Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate

**C. Part 15 Clause 15.19(a) [Do not Modify warning]****D. RF Exposure related information – a statement similar to:**

RF Exposure Guidance: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20Cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter, except in accordance with FCC multi-transmitter product procedures.