PLANET Networking & Communication

ACTIVATING IP POWER

802.11b/g
SIP WiFi Phone

VIP-191 / VIP-192
Wi-Fi Phone with Layer 2 Mash Install Procedure

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Case Study

- **Purpose :**

  For user easily roaming in any site of business premises without switch any Wi-Fi AP profiles and settings.

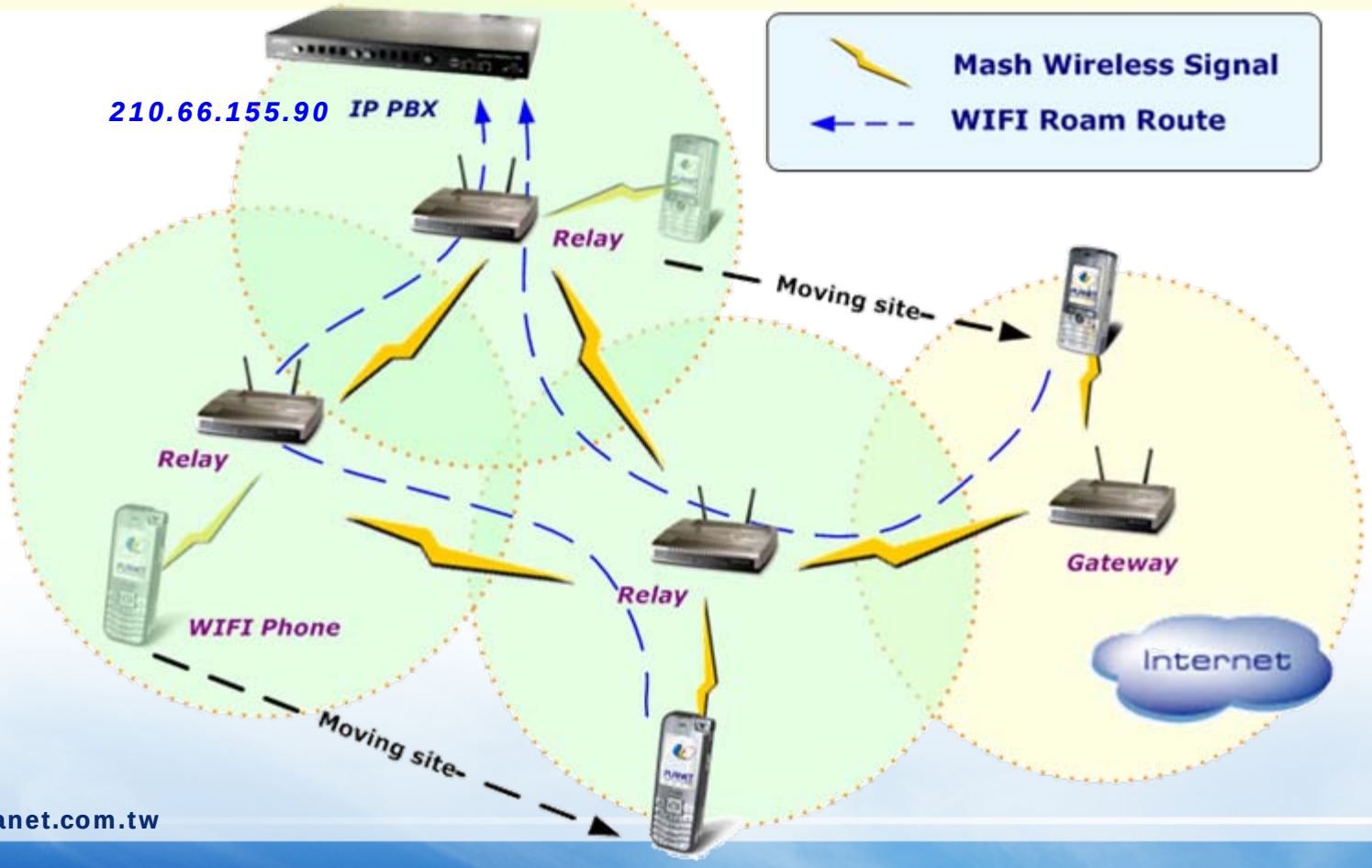
- **Case Description :**

  Establishing mobile voice communication via the Mach Network realizing Wi-Fi roaming in an intranet unleash your voice communications free form wire and solve wireless AP switched inconveniently, it would connect with nearest mash AP automatically when leaved the wireless signal coverage from AP currently.

SIP Registration Mode with Mash AP

We're using the PLANET **IPX-2000, VIP-191/192** and **MAP-3120** to perform the calling party.

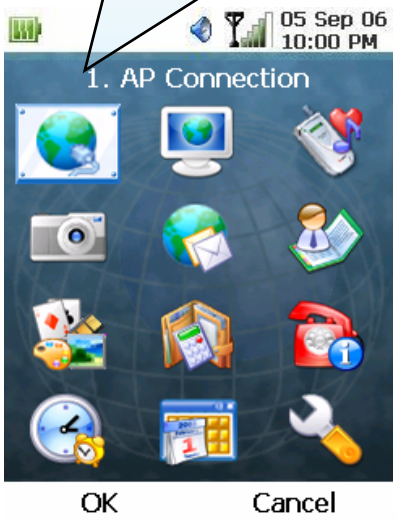
Please refer to the following descriptions and insert proper SIP registration information into the VIP-191 / 192 for establish the voice communications.



Wi-Fi Phone setting for VIP-191

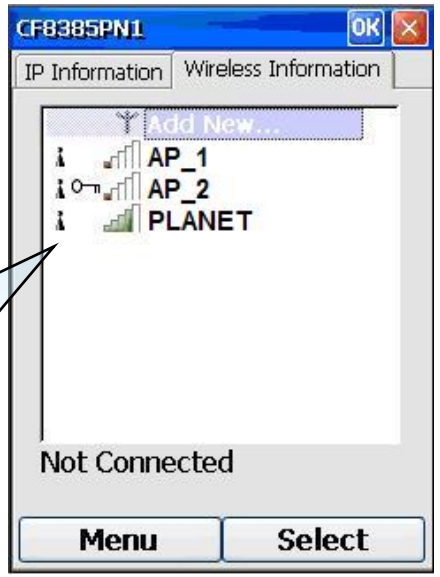
From the Main Screen, press the Left Button (**Menu**) and select **1. AP Connection**.

1



Once an AP is highlighted, press the Right (**Select**) key and the following screen of the AP settings will appear:

2

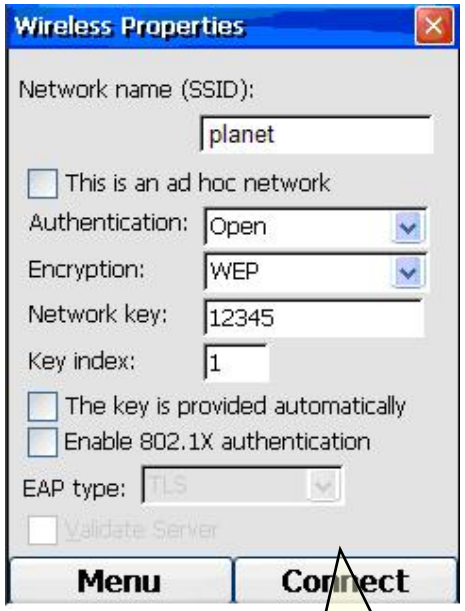


Note:

1) Please be reminded: If the VIP-191 is located behind Firewall device, please be sure to check if the Firewall device supports SIP application, please perform the necessary configurations on the device to enable the SIP traffic.

2) A SIP server is usually located at another network. In other words, if there is a router between the phone and the SIP server, you need to enable the **UPNP** feature in the router.

Network setting

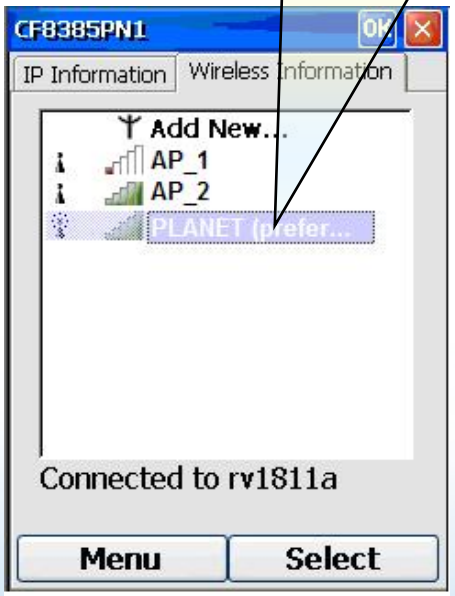


3

Pressing on the Right (Connect) key will have the phone tried to connect to the selected AP.

Make sure the VIP-191 is connected to an AP.

4



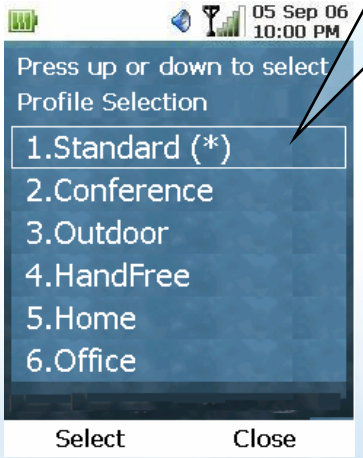
Profile setting

From the Main Screen, press the Left (**Menu**) Key and select **3. Profile Setting**.

5

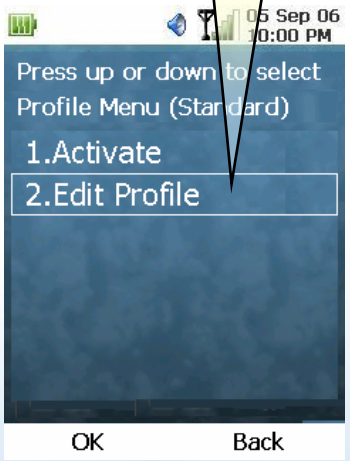
Select “**Standard**”, press OK

6



Select **Edit Profile** from the submenu.

7



SIP Account setting

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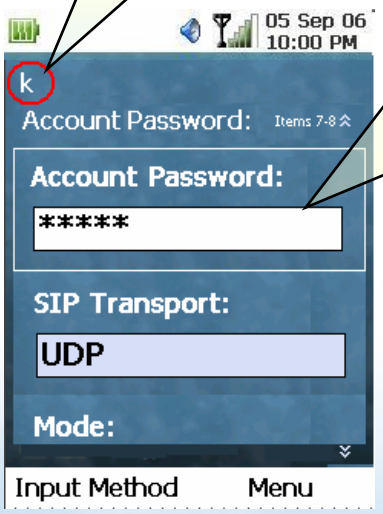
When filling in the Account Password the character will display on the top left location of screen.



8

After select **SIP Account**, press **OK** and fill in the corresponding information. Usually the fields that need to be filled are:

My Phone Number: **882@210.66.155.70**

SIP Server : **210.66.155.70**

(i.e. domain name or IP address of SIP server)

Account Name : **882**

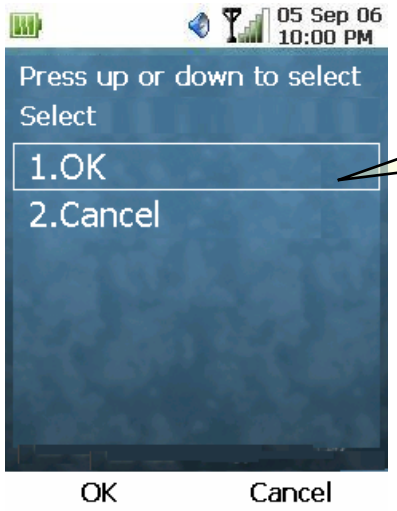
Account Password : **123456**

At any point during filling out this information, pressing the Right Key (**Next**) will display the next page screen.

Note:

1) The SIP standard requires you to include the "@" sign and the SIP server domain in the My Phone Number field.
2) In the "SIP Transport: (**UDP**)" & "Mode: (**Manual**)" filed is not able to change the default settings for connect to a SIP server.

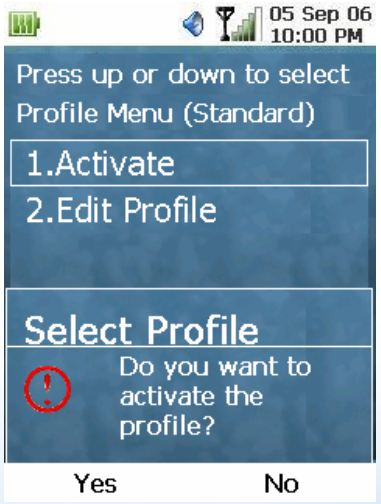
Activate Profile



Press the Left (OK) key to save the information.

9

10



Selecting Activate and pressing the (Left Key) will attempt to connect to the specified SIP server.

If connection is successful, the number returned from the SIP server will be displayed on the Main Screen (replacing the words “Windows CE”) **11**

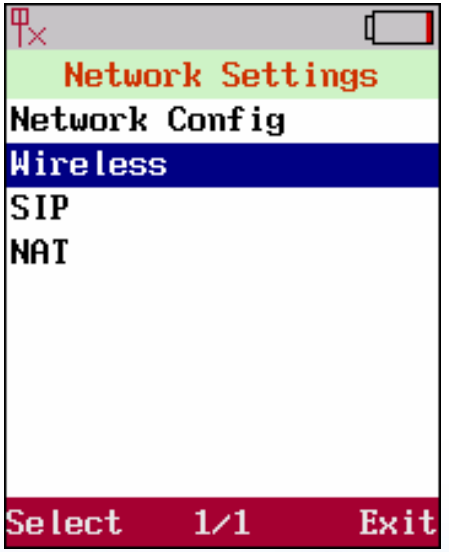
Note 1:

When Registered success, you can try dial **6666**, connect to **VoiceMail**, to test the SIP communication.

Step 1. Press the telephone keypad, input **6666,** then press right soft key <**Dial**>.
Step 2. You can hear “Welcome to voice mail system, please entry your mailbox”.
Step 3. Then enter your voicemail account and password.

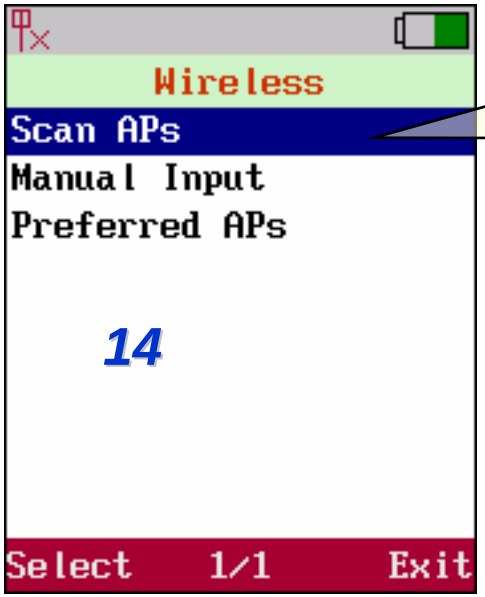
Wi-Fi Phone setting for VIP-192

Enter the main menu by pressing the middle button of soft key or central of joystick in the wallpaper screen. **12**

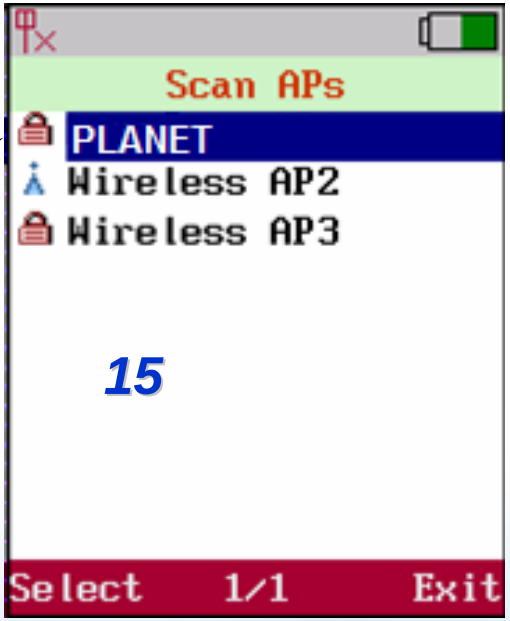


Move the highlight bar to **Wireless** and press the left soft key <**Select**> to enter this **Wireless Setting menu**.` **13**

Wireless setting

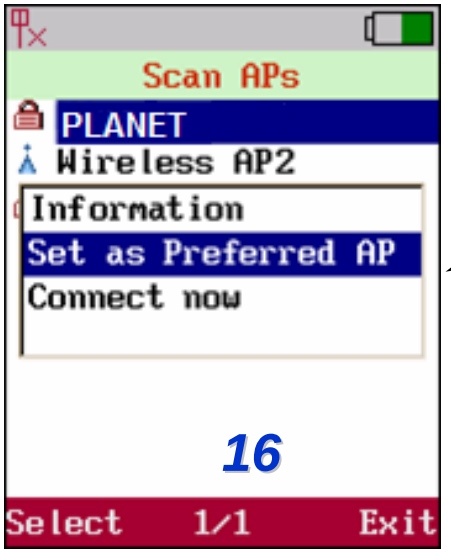


Move the highlight bar to Scan APs and press the left soft key <**Select**> to scan available APs.

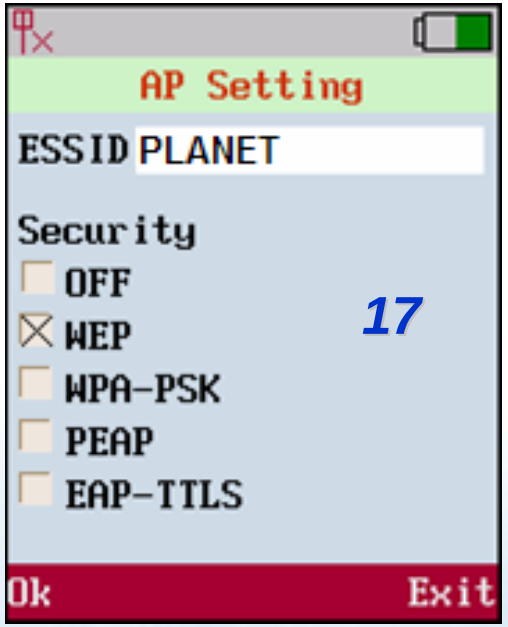


It will list all the **SSID** names of available APs or show **"No AP found"** message after scanning.

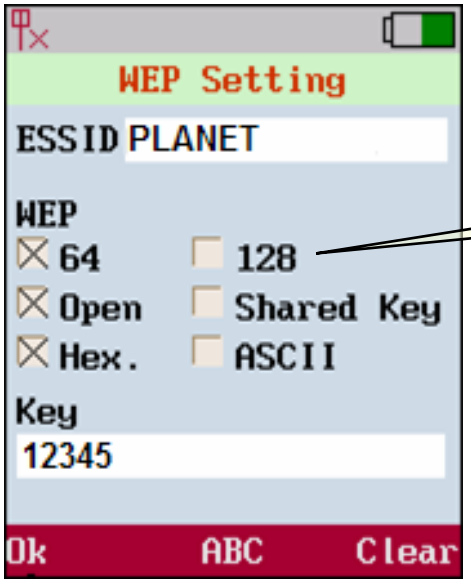
AP setting



Move the highlight bar to the AP user wants to link and press the left soft key <**Select**>, Then select **"Set as preferred AP"** and also setup **"ESSID"**, "Security" of this preferred AP. Press the left soft key <**Ok**> to store the settings

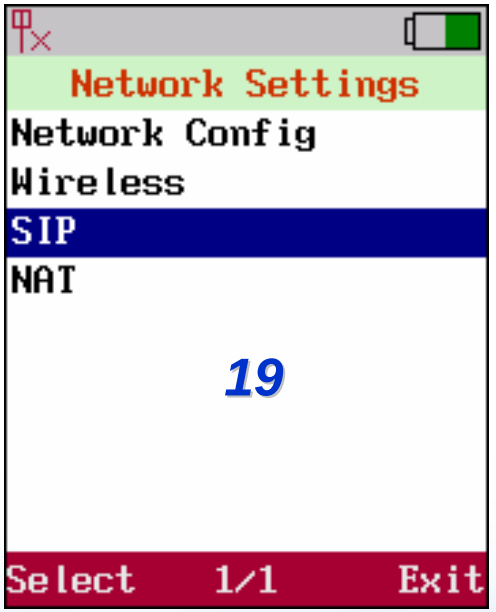


Network Setting



After entry WEP Setting menu, please enter **12345** WEP keys, then press <**OK**> to story settings.

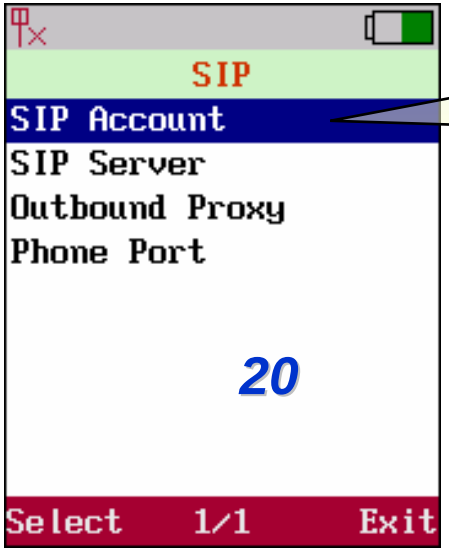
18



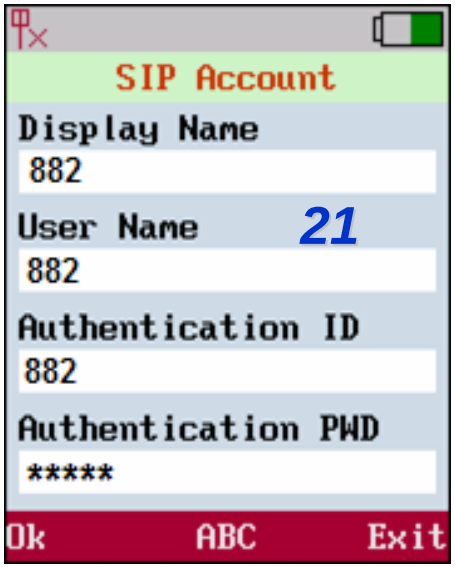
19

Move the highlight bar to **SIP** and press the left soft key <**Select**> to enter this **SIP Setting** menu.

SIP account setting

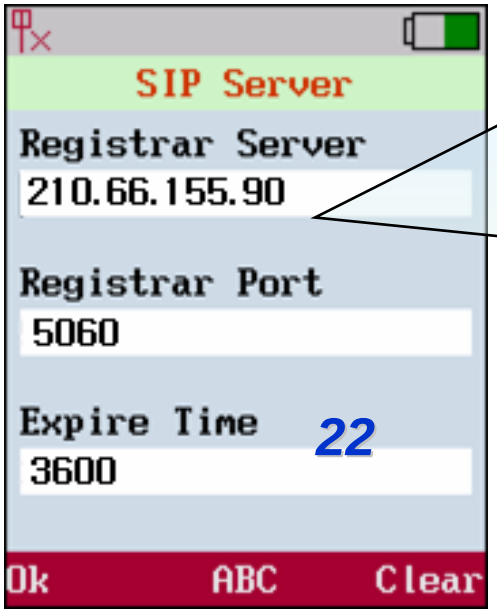


Move the highlight bar to SIP account and press the left soft key **<Select>** to enter this **SIP account** menu.



Move cursor into the field for inputting data.
Display Name: 882
User Name : 882
Authentication ID : 882
Authentication PWD : 123456
Then press the left soft key <OK> to story the settings.

SIP Server setting



Move the highlight bar to **SIP Server** and press the left soft key <**Select**> to enter this SIP Server Menu and inputting data.

Registrar Server: **210.66.155.90**
Registrar Port : **5060** (default Value)
Expire Time : **3600**
Then press the left soft key <OK> to story the settings.

Note :

When Registered success, you can try dial **6666**, connect to **VoiceMail**, to test the SIP communication.

Step 1. Press the handset keypad, input **6666**, then press left soft key <**Dial**>.
Step 2. You can be hear "Welcome to voice mail system, please entry your mailbox".
Step 3. Then enter your voicemail account and password.

The mentioned parameters and network settings in this sample should be carefully modified to meet the real-world applications.

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