

# USER MANUAL

## U1 Voice Switch Board Sch./Ref. 1036/40-10A



**Version: V1.0**

**Code: SRD-UME1036/40-10A-0702-V1.0**

# Preamble

Thank you for choosing Urmet product. This manual is the user manual of U1 series digital system U1 Voice Switch Board (Ref. 1036/40-10A). Please read this manual carefully before using the U1 Voice Switch Board.

## Disclaimer

The description, pictures, tables, etc. in this document have been written and verified to the best of knowledge and responsibility of the authors and editors. Nevertheless, mistakes concerning the content are possible. Therefore, all content is not liable to any duties or guarantees. The authors, editors and publishers do not take any responsibility or liability for failures and their consequences. You are always welcome to indicate possible mistakes.

This manual is subject to change without notice.

## Copyright

Copyright © 2014 Urmet Electronics Limited

All rights reserved.

This manual is protected under international copyright laws. No part of this publication may be reproduced or used in any form, or by any electrical or mechanical means, without permission in writing from Wasp Technologies. This includes electronic or mechanical means, such as photocopying, recording, or information storage and retrieval systems, without the prior written permission of Urmet Electronics Limited

# Content

|   |    |
|---|----|
| Chapter 1 Function summary .....          | 1  |
| Chapter 2 Product introduction .....      | 2  |
| 2.1 Basic structure .....                 | 2  |
| 2.2 Interface .....                       | 3  |
| 2.2 Specifications .....                  | 3  |
| Chapter 3 Usage introduction .....        | 5  |
| 3.1 Introduction of basic functions ..... | 5  |
| 3.2 Call .....                            | 6  |
| 3.3 Call log .....                        | 7  |
| 3.4 Monitoring .....                      | 8  |
| Chapter 4 System setting .....            | 10 |
| 4.1 Time setting .....                    | 10 |
| 4.2 Call forwarding .....                 | 11 |
| 4.3 Ring setting .....                    | 11 |
| 4.4 Language setting .....                | 12 |
| 4.5 Display setting .....                 | 13 |
| 4.6 Engineering setting .....             | 14 |
| 4.7 Password setting .....                | 15 |
| 4.8 Incoming call setting .....           | 15 |
| 4.9 About .....                           | 16 |
| Notes .....                               | 17 |
| Appendix Figure index .....               | 18 |

## Chapter 1 Function summary

---

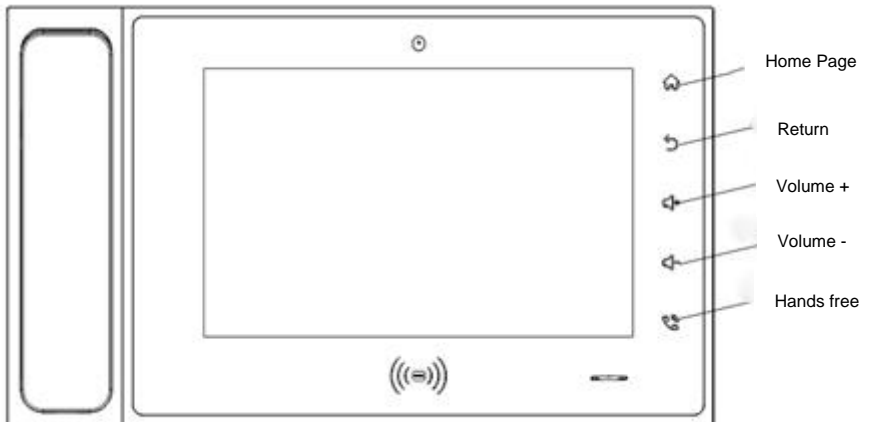
This product is the equipment based on TCP/IP transport protocol. It is a central equipment that is used to manage the hosts for community residents and at the entrance/exit.

- **Adopt 7-inch capacitive touch screen;**
- **Allow calling U1 Voice IP Monitor and other U1 Voice Switch Boards;**
- **Allow receiving calls from U1 Voice IP Monitor, U1 Voice Call Module and single-family U1 Voice Call Module;**
- **Synchronously respond to alarm signal from U1 Voice IP Monitor;**
- **With alarm information storage function;**
- **With remote unlock function; allow unlocking U1 Voice Call Module/MCM;**
- **Allow monitoring U1 Voice Call Module, MCM and IP camera;**
- **Support emergency unlock function (unlock time is 1 hour).**

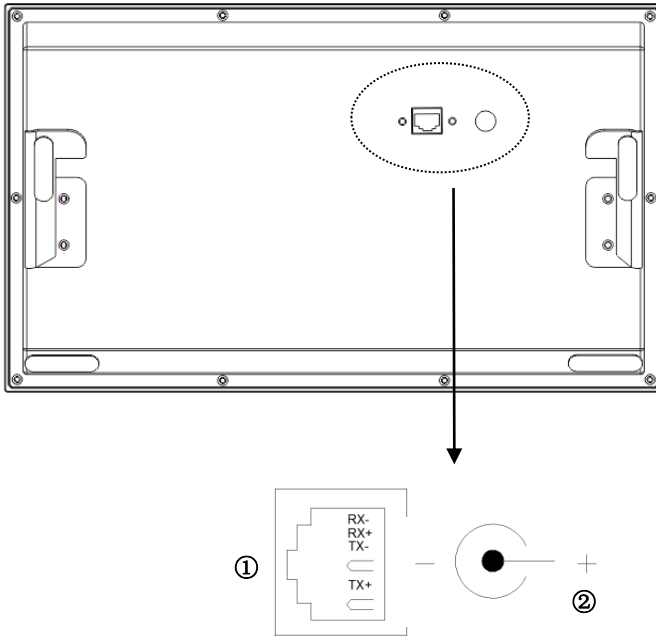
## Chapter 2 Product introduction

### 2.1 Basic structure

Figure 2.1 Front view



## 2.2 Interface



**Number①:** Network Interface.

**Number②:** Power Input Interface DC 24 V.

## 2.2 Specifications

Working voltage: DC 24V / 48V Standard PoE

Local quiescent current: ≤ 100 mA

Local working current: ≤ 300 mA

Display screen: 10.1 inches

Resolution: 1280×800

Outline dimension (L×W×D): 210×356×31.8 mm (excluding the base and handle)

Ambient temperature: -10°C ~ +55°C

Ring time: 30 seconds

Call duration: 120 seconds

Monitoring time: 30 seconds

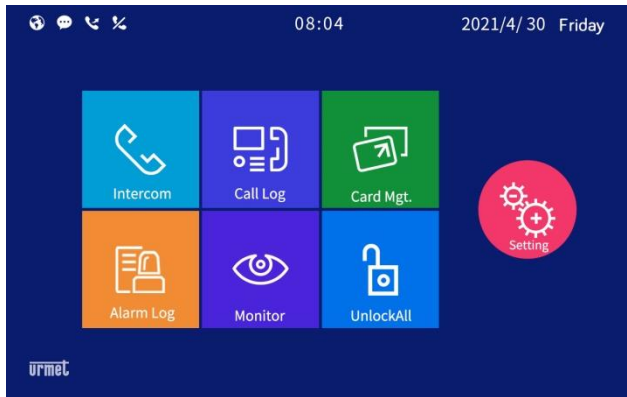
**Administrator password:** used for emergency unlock; initial administrator password is 999999.

**Engineering password:** used for setting U1 Voice Switch Board number and restoring factory setting; engineering password is 000000.


## Chapter 3 Usage introduction

### 3.1 Introduction of basic functions


Figure3. 1 Standby interface




#### Call

Call community residents or other U1 Voice Switch Boards by clicking the  key, selecting equipment type as U1 Voice IP Monitor or U1 Voice Switch Board, and entering equipment number.

#### Call Log

Check the call log between the management center and residents/visitors by clicking the  key.

#### Card Management


Conduct operations such as the registration, deletion, clearing and checking of access control card by clicking the  key.

#### Alarm log


Check all alarm log information by clicking the  key.



### Video surveillance

Monitor unit U1 Voice Call Modules and IP cameras at all locations and the door of the community by clicking the  key, selecting equipment type as unit U1 Voice Call Module, IP camera (the support of other equipment is needed) or MCMs, and entering equipment number.

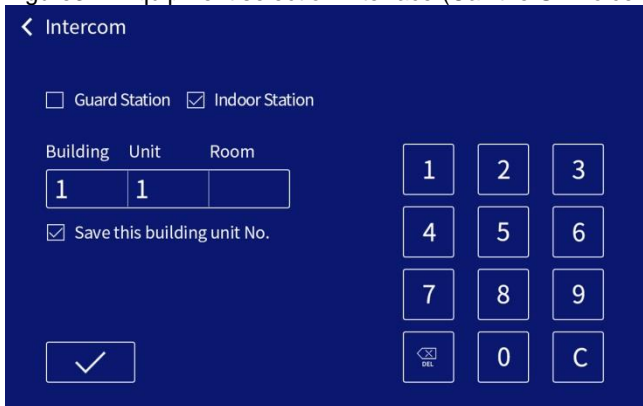
### One-key unlock

Unlock all U1 Voice Call Modules and MCMs by clicking the  key in case of an emergency. Unlock duration is 1 hour.

## 3.2 Call

Make a call by clicking the CALL key and selecting equipment type.

Figure3. 2 Equipment selection interface (Call the U1 Voice IP Monitor)



< Intercom

Guard Station  Indoor Station

Building Unit Room

1 1

Save this building unit No.

1 2 3

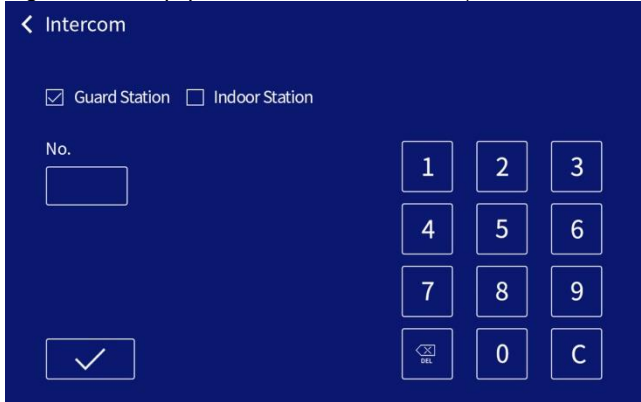
4 5 6

7 8 9


DEL 0 C

✓


Figure3.2.1 Equipment selection interface (Call the U1 Voice Switchboard)



### Call the U1 Voice IP Monitor

Select equipment type as U1 Voice IP Monitor and enter the building number+ unit number + room number, then click the  key to make the call.

### Call the U1 Voice Switch Board

Select equipment type as U1 Voice Switch Board and enter the U1 Voice Switch Board number, then click the  key to make the call.

## 3.3 Call Log

Click the CALL LOG icon to enter the call log interface.

Figure3.3 Call log interface

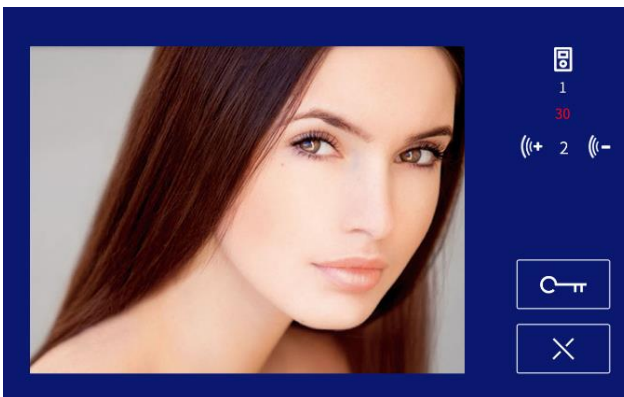


Check the call log between the management center and residents/visitors. The administrator may call back the residents and visitors or conduct operations such as checking or deleting the call log.

### 3.4 Monitoring


Basic processes: Select equipment type ⇒ Enter equipment number ⇒ Monitor ⇒ End


Figure3. 4 Video surveillance interface




- 1) Enter the video surveillance menu, and select equipment type.
- 2) Input the equipment number

Building number+ unit number + room number


3) Click the  key to activate the monitoring function.

4) Click the  key to terminate the monitoring.


### 3.4.1 Unlock during monitoring

The administrator may unlock the door for the visitor by clicking  during monitoring.

### 3.4.2 Snapshot during monitoring

Snapshot manually by clicking the  key on the screen during monitoring. Picture snapshot shall be stored in the call log.

### 3.4.3 Call the visitor

The administrator may call the visitor by clicking the  key during monitoring.

## Chapter 4 System setting


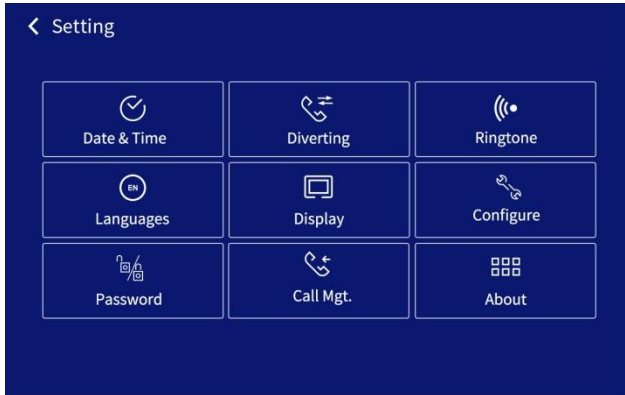
Enter the system setting interface by clicking the  key on main interface as shown below.

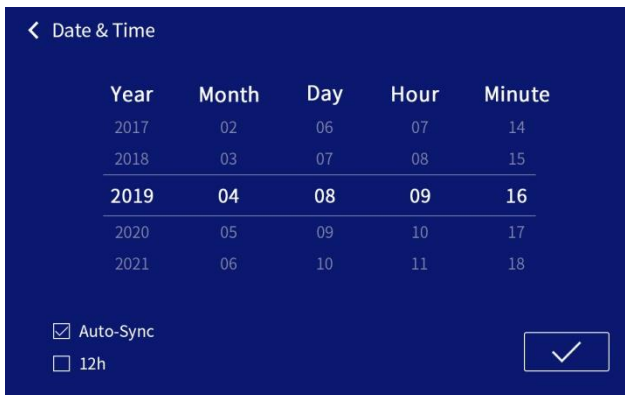
Figure4. 1 System setting interface



### 4.1 Time Setting

Enter time setting interface, you can set the local time and date.

Figure4.2 Time setting interface

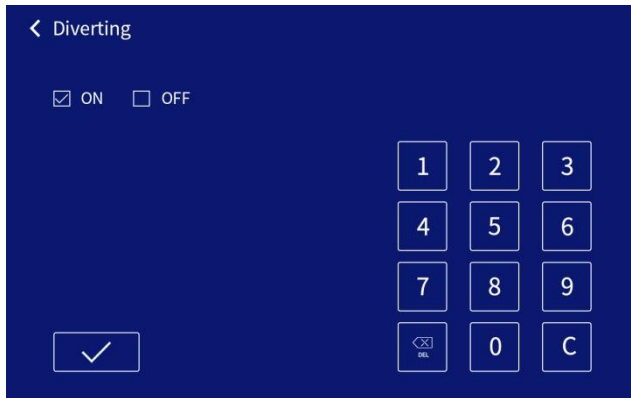


Enable automatic time synchronization: After checking this item, the time of this machine will be automatically synchronized with the system time of the PC.

## 4.2 Call Forwarding

Enter the Call forwarding setting interface.

Figure4.2 Call forwarding interface

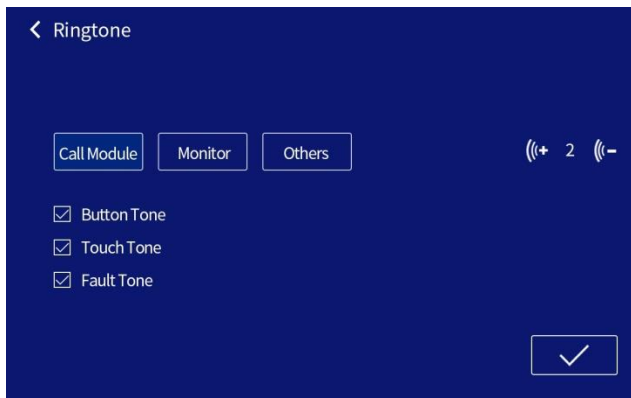


- 1) You can set to turn on or off call forwarding.
- 2) Choose to turn on call forwarding, to enter the target number.

## 4.3 Ring Setting

Enter the Ring setting interface.

Figure4.3 Ring setting interface.



### Sound setting

- 1) Adjusting the ringing volume.

2) Set the key tone, touch screen tone and fault alert tone.

Figure4.3.1 Device ringtone list interface



### Ringtone selection

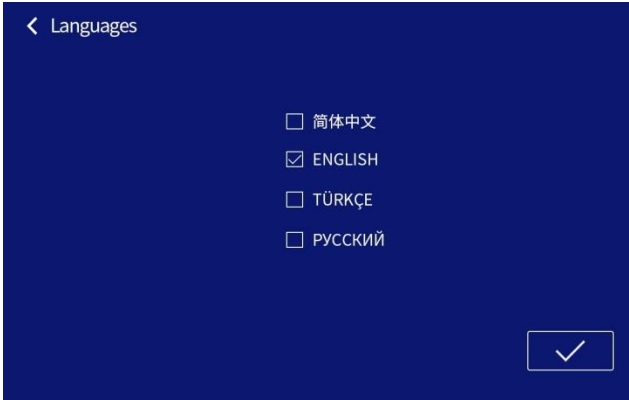
Select each device to bring up a list of ringtones.

**Notes:** Other ringing refers to the ringing of incoming calls from the IP Monitor, call module and switchboard.

## 4.4 Language setting

Enter the Language setting interface

Figure4.4 Language setting interface

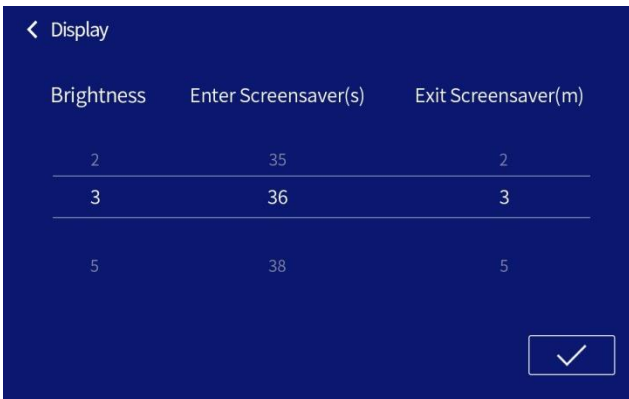


Set the language of the local interface, which must be selected when powering up the machine for the first time.

## 4.5 Display setting

Enter the display setting interface

Figure4.5 Display setting interface



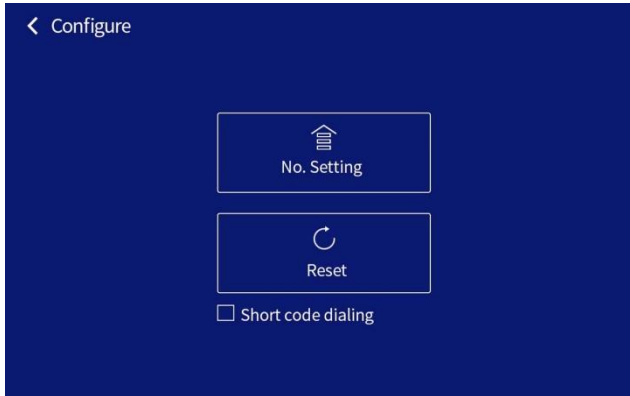
- 1) Adjust the screen brightness.
- 2) Set the screen saver start time and screen saver end time.

## 4.6 Engineering setting



Enter the Configure setting interface.

Figure4.6 Configure setting interface.



## Number setting

Click the number setting to edit the local number (the number range is 1-32).

Figure4.6.1 Number setting interface

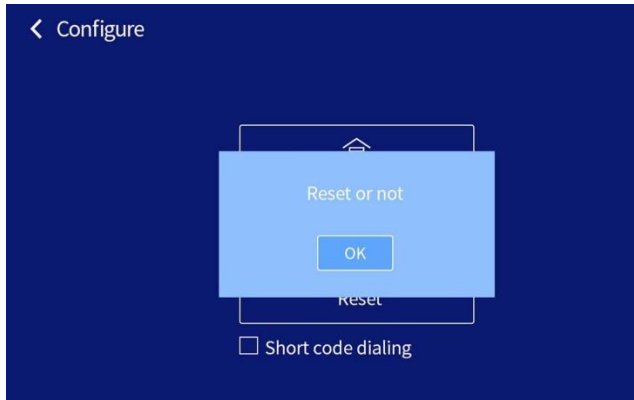


Engineering password: used for Engineering setting number setting, the password is 000000.

## Restore factory setting

Restore the system to the state before it leaves the factory by pressing the RESTORE FACTORY SETTING key ⇒ Reconfirm.

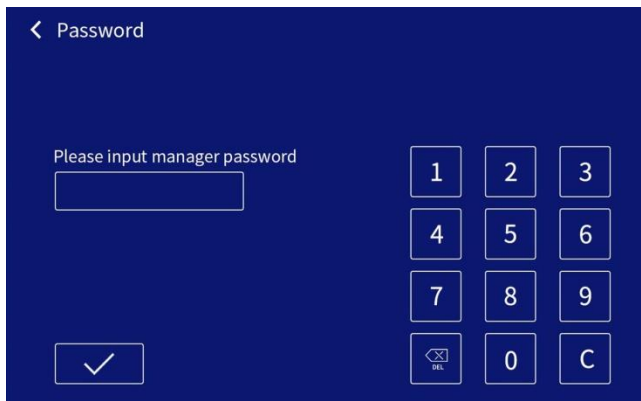
Figure4.6.2 Restoring factory setting confirmation interface



## 4.7 Password setting

### Enter the password setting interface

Figure4.7 Password setting interface



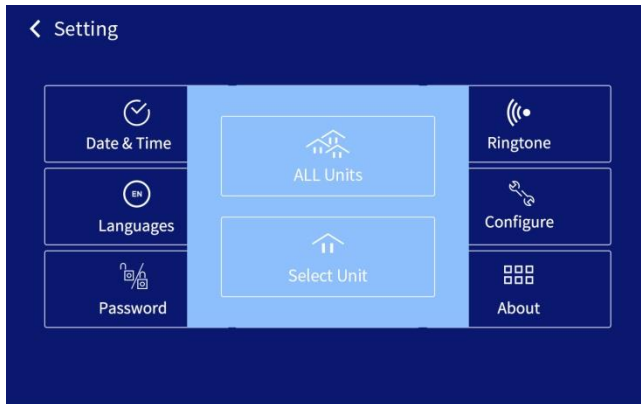
### Administrator password

Input old password ⇒ input password ⇒ confirm new password. (Initial Password:999999)

## 4.8 Incoming call management setting

Enter the Incoming call management setting interface.

Figure 4.8 Incoming call management setting interface.



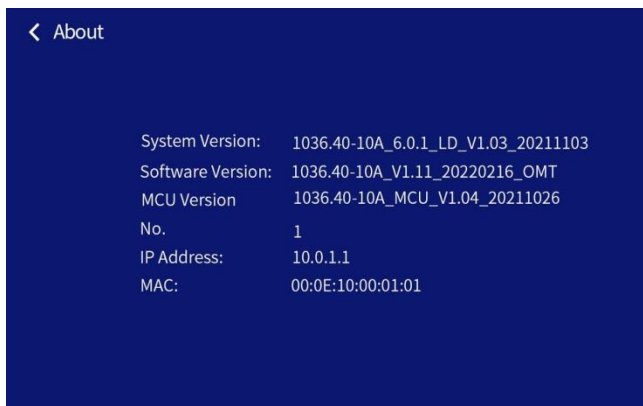
You can select all units to make the management machine as the total management machine by calling into the management setting screen.

It can also be set as a unit (up to 20 units) as the management object, so that the management as a ward management machine.

## 4.9 About

Enter the About interface

Figure4.9 About interface



The About interface displays information about the system version, software version, and IP address, MAC, etc. of this device.

## Notes

1. Please keep the equipment away from strong magnetic field, hot and moist environments;



2. Protect the equipment from falling down on the ground or being subject to high impact;



3. Don't wipe the equipment with wet cloth or volatile reagents;



4. Don't disassemble the equipment by yourself.

## Appendix Figure index

|  |    |
|--|----|
| Figure 2. 1 Front view.....  | 2  |
| Figure3. 1 Standby interface .....   | 5  |
| Figure3. 2 Equipment selection interface (Call the U1 Voice IP Monitor) .....  | 6  |
| Figure3.2.1 Equipment selection interface (Call the U1 Voice Switchboard)..... | 6  |
| Figure3.3 Call log interface.....  | 7  |
| Figure3. 4 Video surveillance interface .....                                  | 8  |
| Figure4. 1 System setting interface .....                                      | 9  |
| Figure4.2 Time setting interface .....   | 9  |
| Figure4.2 Call forwarding interface.....                                       | 10 |
| Figure4.3 Ring setting interface.....  | 10 |
| Figure4.3.1 Device ringtone list interface .....                               | 11 |
| Figure4.4 Language setting interface .....                                     | 11 |
| Figure4.5 Display setting interface .....                                      | 12 |
| Figure4.6 Engineering setting interface.....                                   | 12 |
| Figure4.6.1 Number setting interface .....                                     | 13 |
| Figure4.6.2 Restoring factory setting confirmation interface.....              | 13 |
| Figure4.7 Password setting interface .....                                     | 14 |
| Figure 4.8 Incoming call management setting interface .....                    | 14 |
| Figure4.9 About interface .....  | 15 |