

# POWER UNIVERSE TECHNOLOGIES LIMITED

3rd Floor, Building 7, Baishun Industrial Zone, Makan, Xili, Nanshan District, Shenzhen, China

TEL: 86-0755-26521881 FAX: 86-0755-26521482

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## User manual for SIM dialer v1.601

Model 323-2SD/SD1//SD2 /Black Sim /SD3/SD4/SD5

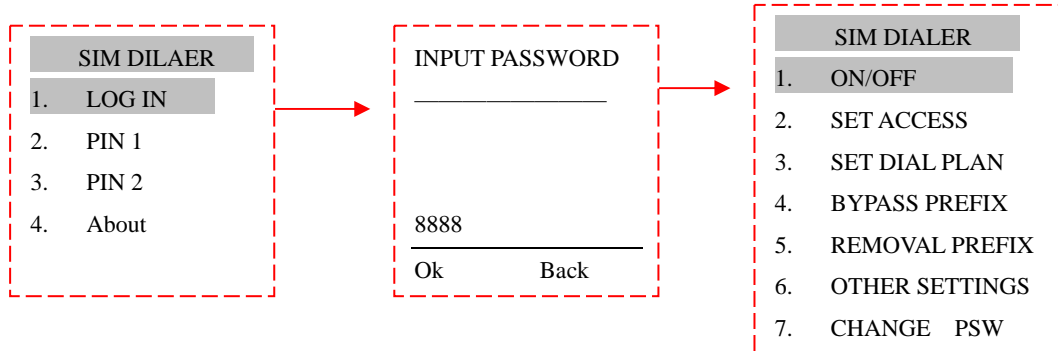


### 1. Installation

1. Cut a hole on your SIM card which size is just fit the chipset on the SIM dialer. Stick it to your SIM card tightly, and then put them together to the SIM holder on mobile with care. Pls note that cutting a hole on SIM card is not necessary, but doing so could make well connection.



2. After correct installation, power on your mobile, you will see the STK menu, it will display Log in Menu, after you input the system password (for example 8888), and you could enter the main menu.



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This means your mobile supports the SIM dialer, and you may program it and use it.

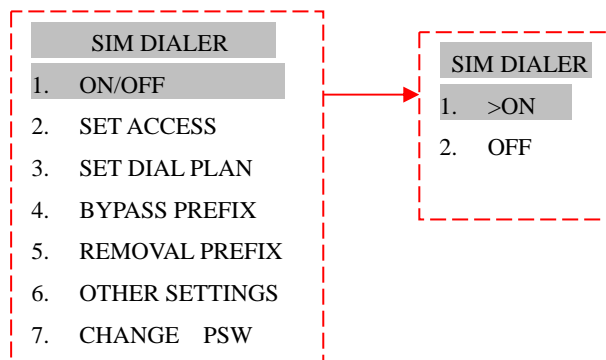
## 2. Features:

1. Work with GSM/ UMTS /3G SIM card.
2. Easy to be installed.
3. Could store 2 access numbers.
4. Could reroute use's call after programming the specified access number and PIN codes.
5. Could set prefix go though or by pass the dialer.
6. Support prefix removing function
7. Intelligent auto pickup least cost route (LCR) function
8. System PIN to protect data changing!
9. Support four working mode:
  - a. carrier select mode
  - b. force carrier select mode
  - c. call through wait for connection establish
  - d. call back
10. No need to change user's conventional dialing habit:
  - a. Support dial from the Contacts and phone book, no need to memorize and input the numbers.
  - b. Support dial directly from mobile phone's missed calls/ call record/ call history/ recent calls.
11. Compatible with many mobile phones, Nokia, Motorola, Sony Ericsson, Samsung, LG, **Blackberry**, and so on.
12. Supports **remote configuration** via SMS configuration toolkit!
13. Supports unlock function!
14. Supports keypad programming!
15. Supports configuration via programmer toolkit locally!
16. Supports SMS triggered callback **---new function!**

## 3. Operation:

### (1) enable/disable the IP dialer service

Choose Menu 1 ON/OFF, enable dialer use or not use IP service.

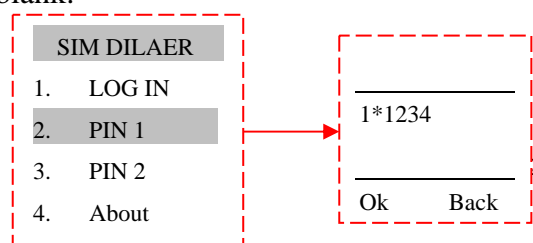


On means use dialer IP service, off means don't use IP dialer service.

### (2) Set access number

You could set 2 groups account number, including PIN.

On the Log in menu, you could input the pin code for the calling card. If there are more than one options, use \* to separate them. For PIN-less system, just keep it blank.



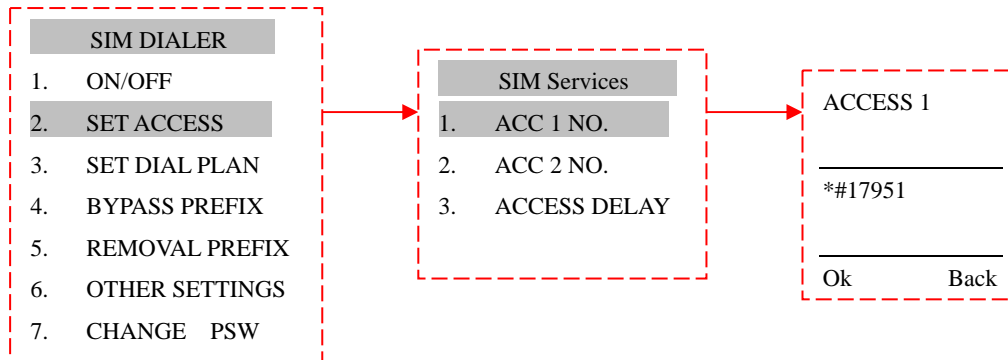
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Log in the main menu to set access number.



Use#####(six #) to remove access number or PIN code, keep them blank.

There are three main working modes,

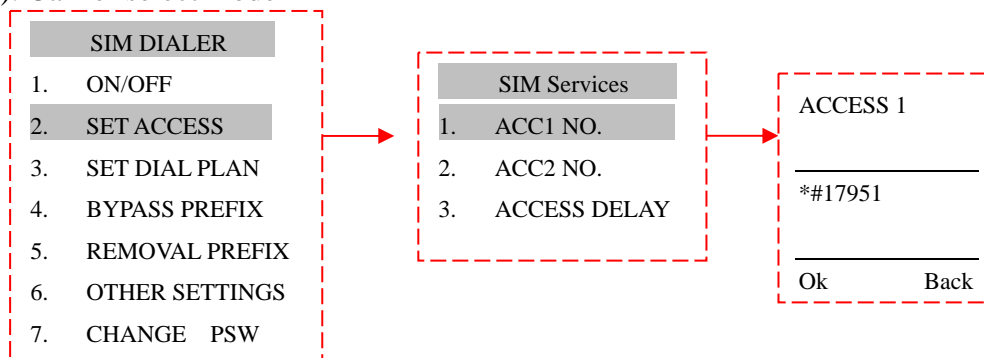
a. carrier select mode use \*# to program access number. E.g.: \*#17951

b. call through wait for connection establish, use ## to program access number.

e.g.: ## 10086

c. call back use \*\* to program access number e.g.: \*\*800810000

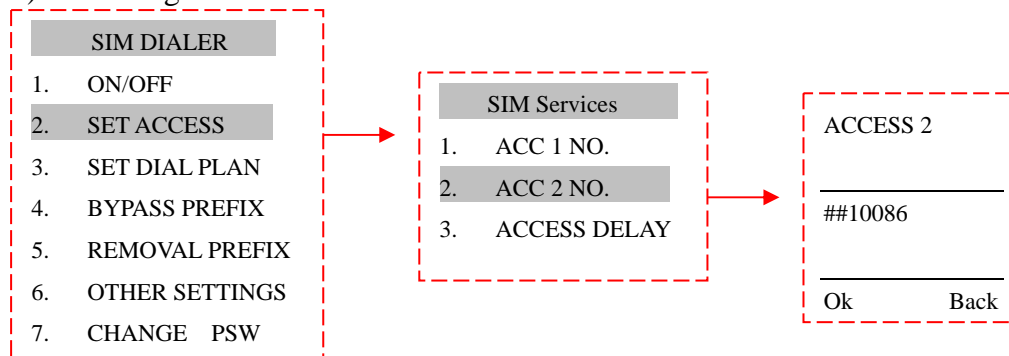
a). Carrier select mode



Dialer send access number 17951 +destination number before connection establish

e.g.: you dial 0123456, dialer will dial 17951123456 directly.

b) Call though mode



Dialer dial access number 10086, after connection establish, send destination number.

e. g.: you dial 256789, dialer will dial 10086, after it is connected, sends 256789.

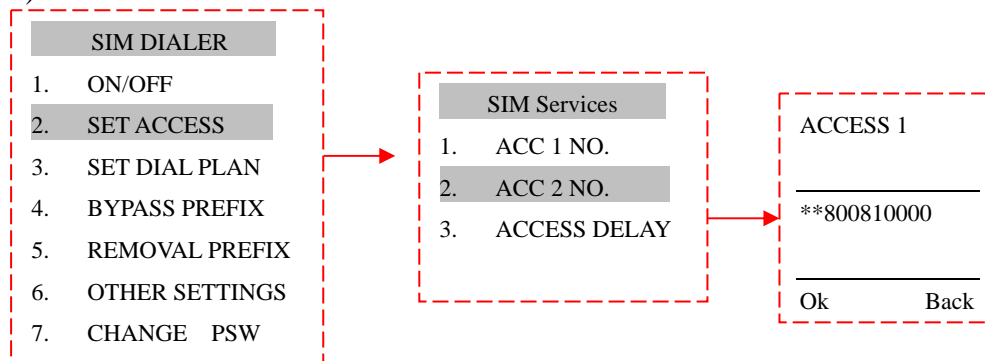
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## c) Call back mode

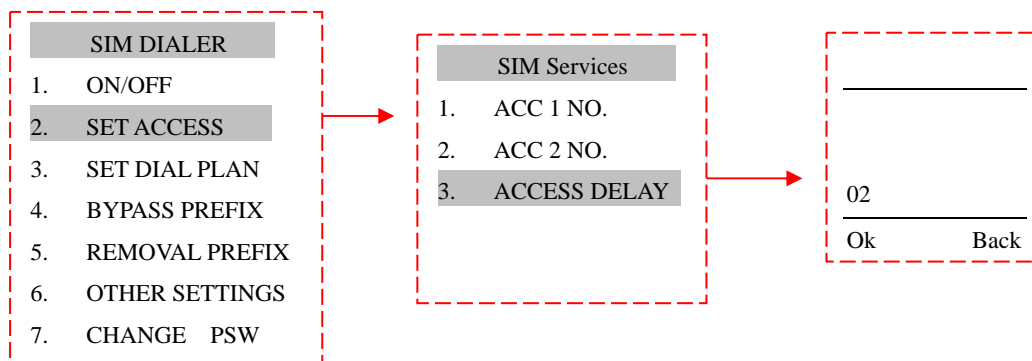


Dialer dials access number 80081000, after connection establish, hangup. After few minutes, the call back server will call your number, and you just pick up and talk.

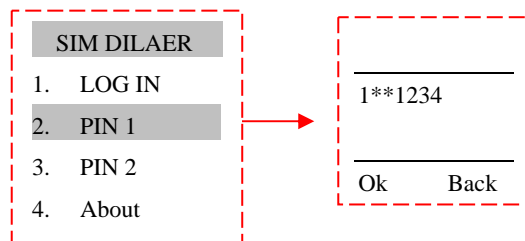
e.g.: you dial 0086123456, dialer will dial 80081000, upon hearing the ring tone, hangup. In few minutes when the server calls back, you just pick up the call and the dialer will automatically send the destination number 0086123456.

### (3) Set time delay

Choose Menu 2 SET ACCESS, set time delay after access number. (TT= (00-NN) \*3 second) .E.g. set time delay 02 represents there are 6 seconds time delay after access number.



Set time delay after PIN or every options, use \* (every \* represents 3 seconds)



Here first \*represents there are 3 seconds time after 1 option, second \* is separate symbol.

### (4) Set prefix to go though or bypass SIM dialer

#### (A) Set prefix go though dialer

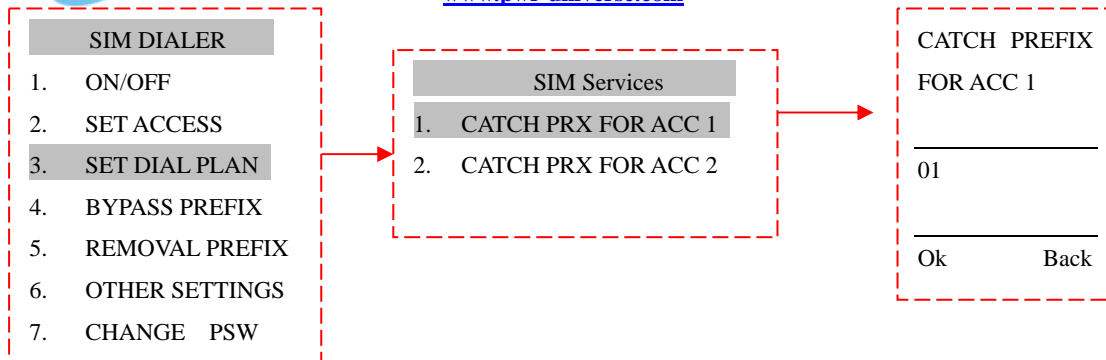
Choose Menu 3 SET DILA PLAN, you could set prefix to go though dialer.

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Set catch prefix for access N (N=1-2), when you dial the number begin with prefix you programmed, it will reroute the call to go through Access number N.

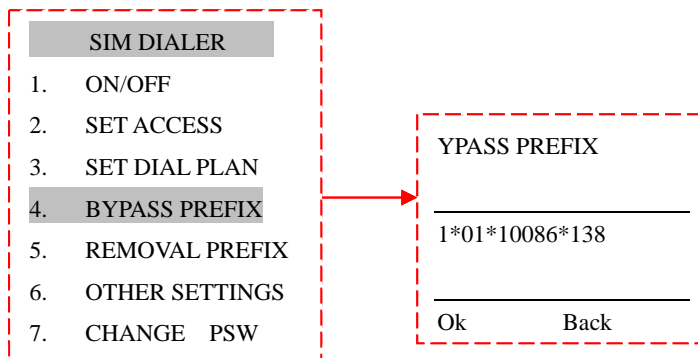
E.g. set catch prefix 01 for Access number 1 (ACCESS number 1 is 17951),

When you dial 013312958466, dialer will send 17951013312958466.

If there more than one prefix, use \* to separate it. E.g. 01\*2\*3\*4\*5\*6 set 01, 2, 3, 4, 5, 6 go through access number 1.

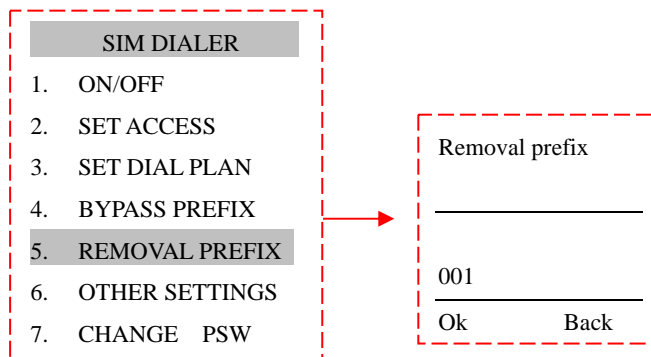
(B) Set prefixes by pass the dialer

Choose Menu 4 BYPASS PREFIX, set the bypass prefix. If you have more than one prefix, use \* to separate them.



After the configuration, all the phone number begins with 1, 01, 10086, and 138 will bypass the dialer.

## (5) Set removal prefix



E.g.: when you make a call 0018675526521881 use IP service, but you don't want dialer to send 001, just 8675526521881, then you program the deleting prefix 001.

When you dial 0018675526521881, dialer will send 179518675526521881 (removed 001) (say access number is 17951).

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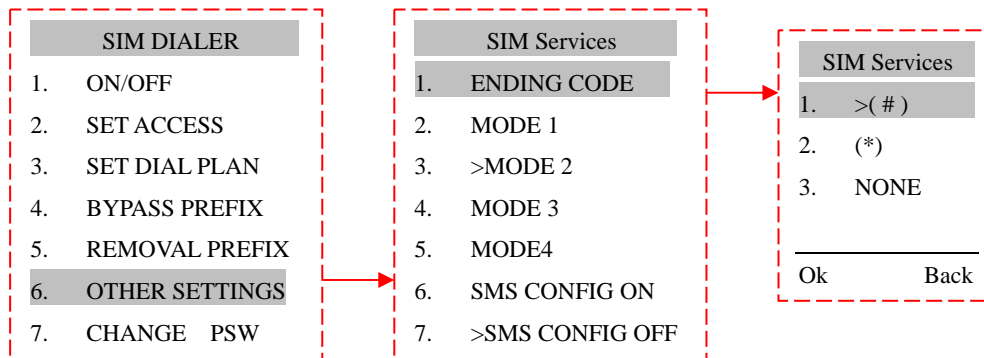
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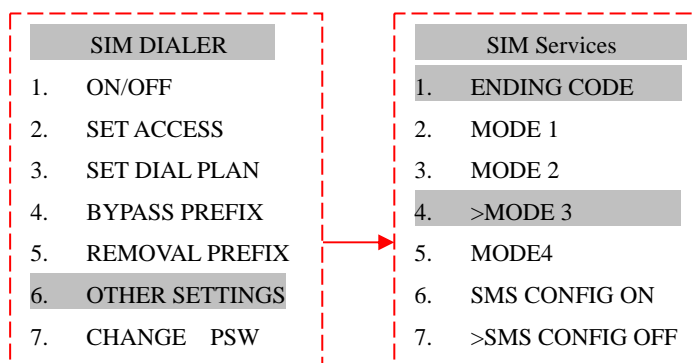
## (6) Other setting

a.) Set end code for destination number.



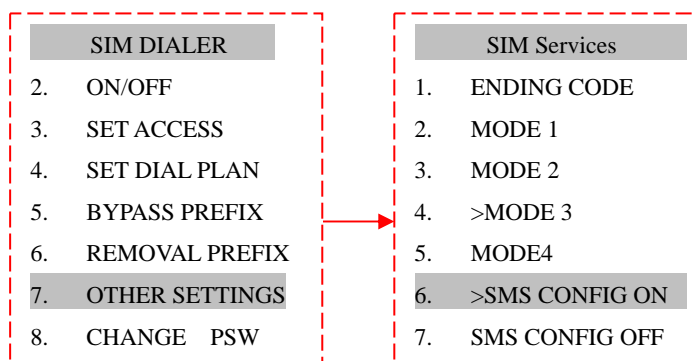
You could add # or \* at the destination number. When you choose #, then all the call use IP service will add # after the destination number automatically. If you don't need to add any end code after the destination number, choose NONE option.

b.) Select mode



Mode 1, 2, 3, 4 is designed for compatibility of different brands mobiles or different telecom carriers. You could choose the suitable mode for your mobile. Default is mode 2.

c.) SMS configuration on/off function



This menu is designed for SMS configuration tool to program the dialer from server center.

Choose SMS CONFIG ON, the mobile installed dialer could be re-programmed by receiving the SMS from the server center. Default setting is SMS CONFIG ON.

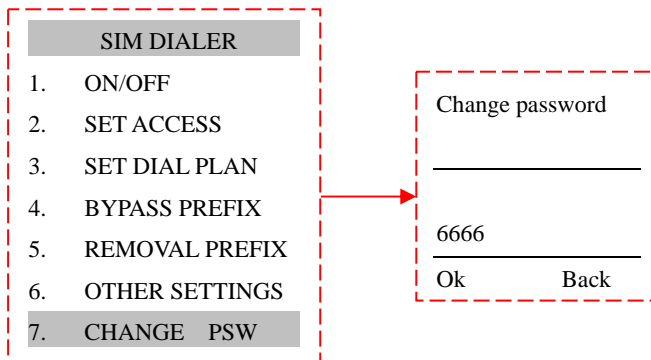
## . (7) Other setting

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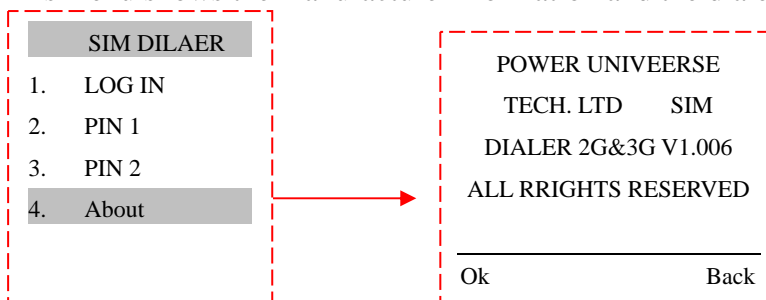
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You could change the default log in password to protect your pre-programming data like access number and other rules. Default system is 8888, if you change the password, you will need to input the new password when you log in next time.

## (8) About

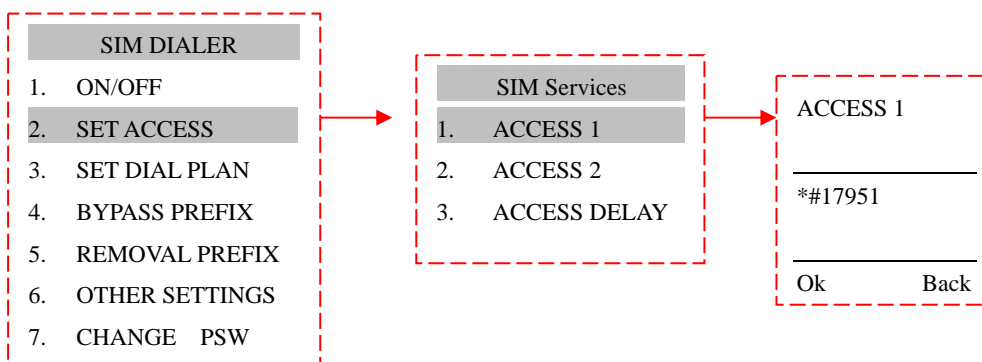
This menu shows the manufacture information and the dialer version.



## 4. Example:

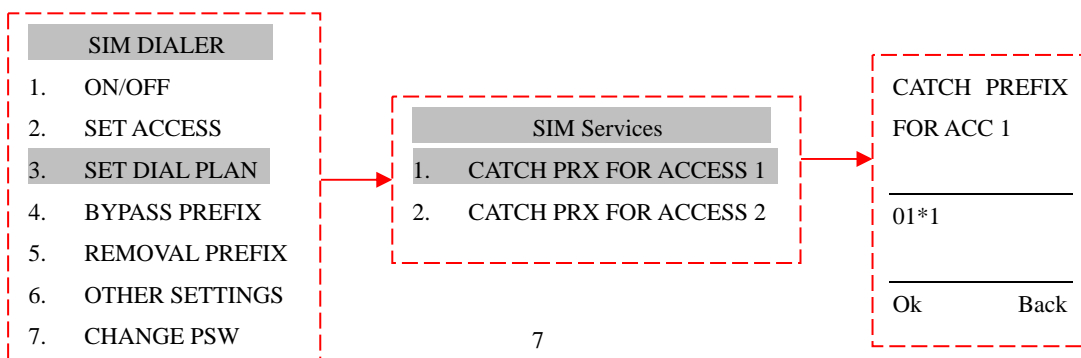
### (A) Carrier code select → \*# access number

1) set access number 1=17951



2) Set go through prefix 01, 1 for access number 1.

It means the phone number with prefix 01 and 1 will go through access number 1.



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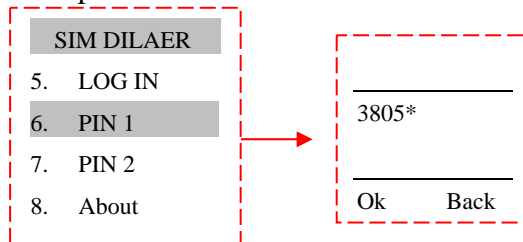
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E.g.: when you dial 13312958466, the mobile will send 1795113312958466 directly.

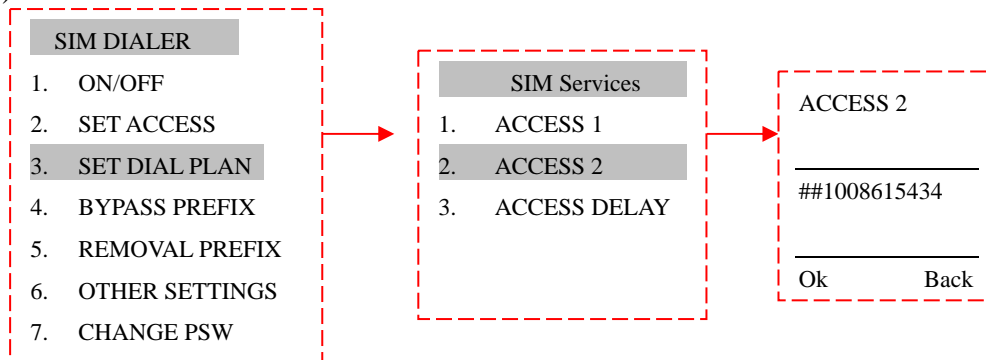
**(B) call through wait for connection establish ->## access number**

1) Set access number 2= 1008615453, PIN is3085.the time delay is 3 seconds after access number and PIN.

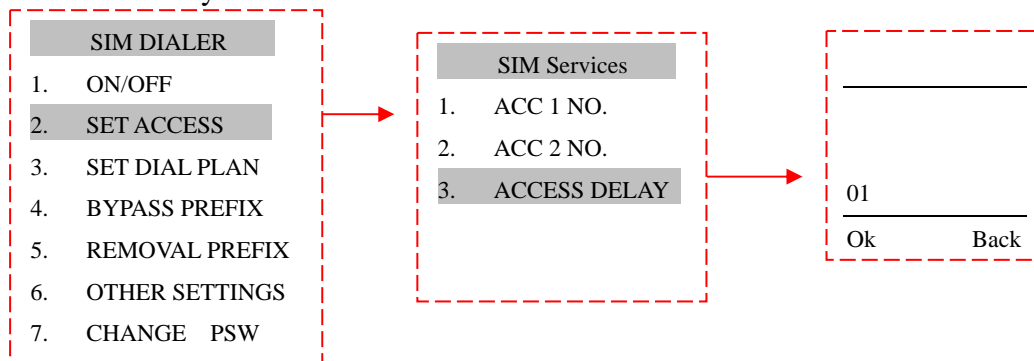
1) Set PIN 3805, \*here represents 3 seconds. If you need more time delay, just add \*, each \* represents 3 seconds



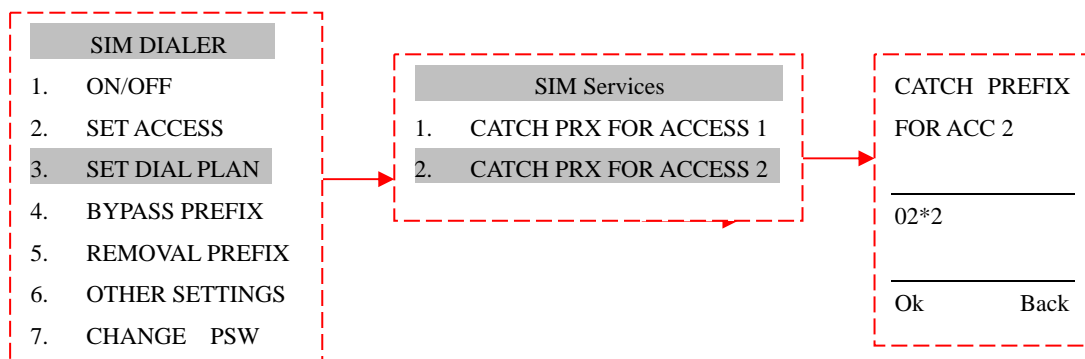
2) Set access number1008615453



3) Set time delay 01=3 seconds



4) Set prefix 02, 2 for access number 2. It means the phone number with prefix 02 and 2 will go through access number 2.



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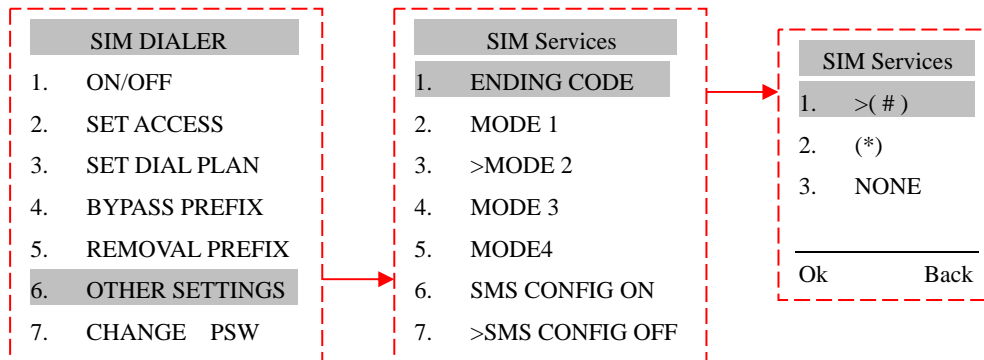
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E. g.: when you dial 02345678, the mobile will reroute the call to dial the server number 1008615453, after connection established, wait 3 seconds send PIN 3805, and wait 3 seconds then send destination number 02345678.

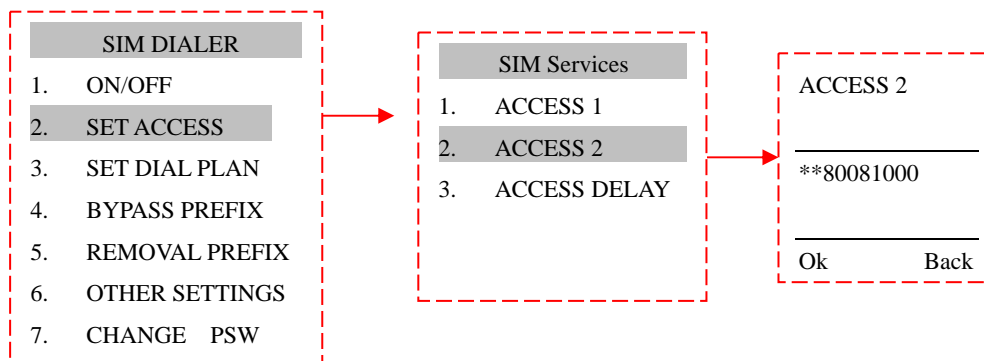
If you want dialer dial 02345678#, then you need to do below setting.



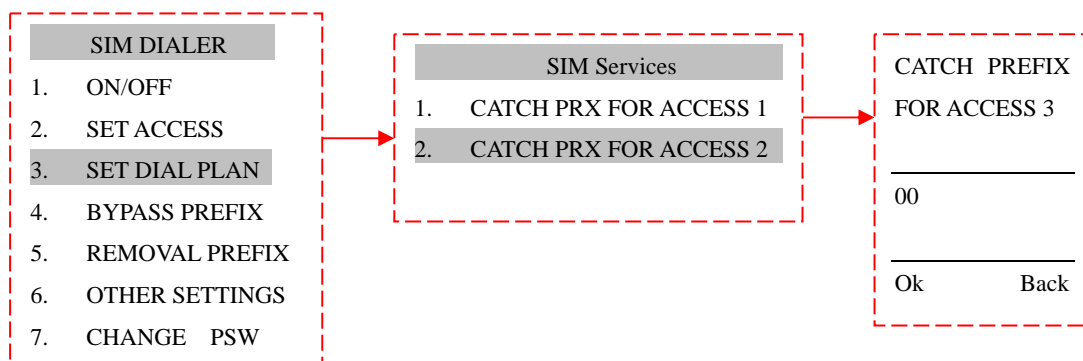
After configuration, all the call use IP service will add # after the destination number automatically.

## (C) Call back --> \*\*Access number

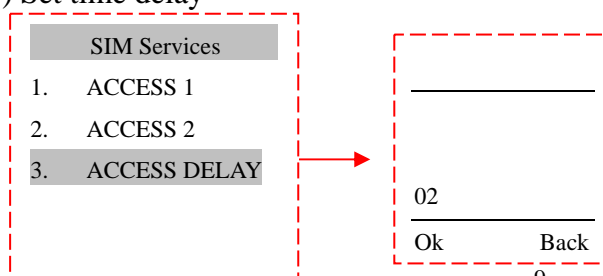
1) Set access number 2 = 80081000, time delay is 6 seconds after access.



2) Set prefix 00 for access number 2. It means the phone number with prefix 00 will go through access number 2.



3) Set time delay



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After these configurations, all the phone number with prefix 00 will use call back service.

E.g.: When you dial 008675526521881, the mobile will dial the call back sever 800810000. Upon hear the ring tone, and then hang up. In a few seconds (depends on your service provider), the server calls back and you may just pickup and talk. In this course, you need to choose the proper timer delay for the call back server. (Here 02 represent 6 seconds time delay)

## 5. Q &A

1) Mobile phone can't detect the SIM card after installed the SIM dialer, why?  
→ Make sure the install way is correct; your mobile doesn't support SIM dialer; the SIM dialer is damaged in installation.

2) After properly installation of the Mobile Dialer, I still can't connect and use the Calling Card Service. Why?  
→ Confirm you open the IP service; confirm your provider's service corves your location; your mobile don't support mobile dialer.

3) I don't want some toll free number or local number use dialer, how to do it?  
→ You could program it as bypass prefix, refer to bypass prefix setting on page 5.

4) I want all the number begin with 00 use international server, all the other number use local server, can I? How to do that?  
→ Yes, you can. Say international server access number 1 is 12593, local server access number 2 is 17951. You set access number 1=12593, access number 2=17951. Set catch prefix for access 1 =00, set catch prefix for access 2 =1\*2\*3\*4\*5\*6\*7\*8\*9\* After configuration, all the number begin with 00 will go though access number 1, and all the other call not begin will 00 will go though the access number 2.

5) Does the SIM dialer support PIN system and time delay after access and PIN?  
→ Yes, you can. You could set access number and PIN, Say access is 08888, pin is 56456, time delay after access number is 6 seconds, after PIN is 3 seconds. Then you could set access number 1 =##08888. ( it is call though mode), set access time delay =02. and then set PIN1 =56456\*. 02 represents 6 seconds time delay after access number 08888. The \* after 54546 represents 3 seconds time delay.

6) Sometime I don't want to use IP service, how to do it easily?  
→ Very simple, just choose OFF to close the IP service. When you want to use the IP service again, just choose the mode you had programmed before, no need to program them again bcz dialer still keeps your previous setting.

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7) I have several calling cards, can I use them freely?

→ Yes. The SIM dialer could support 2 access numbers at present and you could program prefix to use corresponding access number. If you need more access numbers, we could do customization for you.

8) I don't want user to change the access number in the SIM dialer, can I add a password for protection?

→ Yes, we could do customization for you, such as fix your access in the chipset, add a protect password and so on. In our new design dialer, we add a system password to log in main menu. And you could change this password by yourself.

9) When I dial 0044845678, but I want dialer only send 44845678, can I do that? How?

→ Yes. You could use prefix removing function. Choose the 5 option removal prefix, input 00. It will removal 00 only send 44845678. pls refer to page 6.

10) How can I program mass together when there is a big quantity?

→ Such condition we could do configuration for you in factory. Or you could use our SIM dialer configuration toolkit to program them. For small quantity, you need to configure it by yourself one by one use mobile.

11) What is the SMS configuration tool?

→ It is a device use SMS to program the SIM dialer, included one GSM SMS modem and one PC software. Both the hardware and software are mandatory. The SMS is a special format defined by us instead of a common plain text format. The modem could send hundreds SMS once. It is convenient for carriers to re-program the dialer when they want to change the previous setting in the SIM dialer remotely.

12) How to use the unlock function?

→ Just choose the Unlock On , and then put the SIM dialer with any SIM card into the locked phone to enjoy the service of the mobile phone offered.

13) For some 3G phone, it could not find the SIM dialer menu, how can I do?

→ You could program the dialer use 2G phone, and the insert to 3G phone, or use SMS toolkit to program the dialer and you still could use keypad to program the dialer. You could contact us for the keypad command list.

12) Is the SIM dialer could use for all brands mobile phone and for all networks?

→ No. the SIM dialer could only work with GSM /UMTS/USIM/UICC SIM card at present and it is not compatible with all the mobiles. The available mobile models refer to the table below. We will update the functions of the SIM dialer and update the models of the mobile. Pls inform us if there is any applicable (inapplicable) model you have. Email: [sales@pwr-universe.com](mailto:sales@pwr-universe.com) .

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## Application list for mobile phone (tested models)

| Mobile Brand  | Applicable Model   | Inapplicable model |
|---------------|--|--------------------|
| Motorola      | A1200Y. A1200. A780<br>C268. C158. C139.<br>E6. E2 . L7. L6G. L6 .V180. V3i. W205,<br>K1, V3, W220   | C118, C119         |
| Samsung       | CE408. C268. C188<br>D908. D838. D528. D508<br>E908. E898. E838. E690. E578. E573. E428. E258<br>F308. P318. U608. X530. X708  | W579.S308          |
| Nokia         | N95.N93. N80. N76. N73. N72. N70. E65, E71<br>8800. 7360. 7260,<br>6670.6300.6270. 6131. 6111.6108. 6085.6080.6070.<br>6060 6030. 5500. 5300.5200. 5070<br>3230. 3220.3120. 3110C.3108. 2626. 2610,1650<br>1600.1116. 1112.1110,1100,1200,1209,6120,6310<br>6288 |                    |
| Sony Ericsson | C520.J230.K790C. K750.M608. W550.W810.W830<br>K530i K700i K700C  |                    |
| Siemens       | C35I.2128 C28  |                    |
| lenovo        | i360   |                    |
| LG            | Kg77 U900  |                    |
| Philips       | 9a9e   |                    |
| BlackBerry    | 8100 7130V   |                    |
| CECT          | A606 U8800   |                    |
| Alcatel       | OT-S211  |                    |
|               | <b>To be updated .....</b><br>pls note us if you have any new models to<br><a href="mailto:sales@pwr-uiverse.com">sales@pwr-uiverse.com</a>  |                    |

Version 1.601

Latest updated 24 June , 2009

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