



V500 Sim V500 dialer User Manual

1. Features:

1. Works with GSM/ UMTS /3G SIM card.
2. Easy to be installed.
3. Will store 2 access numbers. PIN code for the calling cards can be set up by end-users
4. Can reroute user's calls after programming the specified access number and PIN codes.
5. Can set prefix go though or bypass the SIM V500 dialer.
6. Support prefix removing function
7. Intelligent auto pickup least cost route (LCR) function
8. System PIN to protect data from unauthorized changes
9. Support four working mode:
 - a. Carrier select mode
 - b. Force carrier select mode
 - c. Call through wait for IVR prompting
 - d. Call back mode
10. No need to change user's direct dialing habit while enjoy VOIP services:
 - a. Support dial directly from the Contacts and phone book, dialed, missed history list
 - 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**, Iphone and so on.
12. Supports **remote configuration** via SMS configuration toolkit
13. Supports unlock function! (to unlock your mobile phones)
14. Supports keypad programming
15. Supports configuration via programmer toolkit at site
16. Supports SMS triggered callback **---new function!**



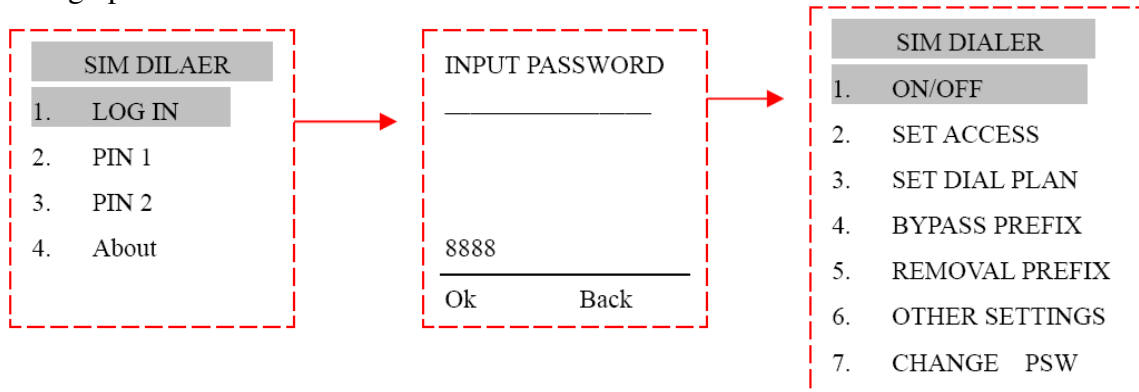
2. Installation

- 1). . Please note that cutting a hole on SIM card is not necessary, but doing so could make better connection. For most phones all you need to do is attach the sim V500 dialer to the GSM sim and insert both of them into sim holder. For few model mobile phones, you might cut a corner or punch a hole on your SIM card which size is just fit the chipset on the SIM V500 dialer, secure it to your SIM card tightly, and then put them together to the SIM holder.



If necessary, you can punch a hole on your SIM card for easy insertion into SIM holder

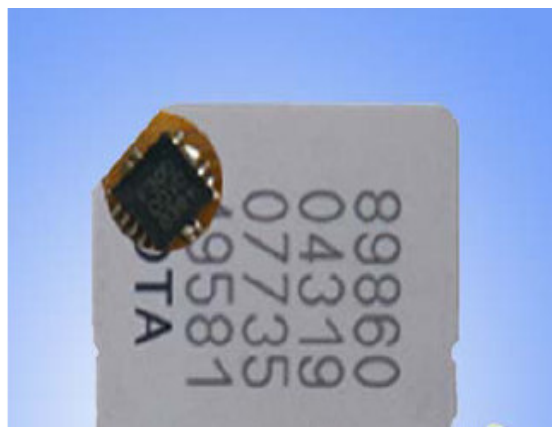
2). After proper installation , power on your mobile, you will find the STK menu appears in your mobile phone menu(this means your mobile phone support sim V500 dialers), input the system password (for example 8888), and you could enter the STK menu for setting up SIM V500 dialer.

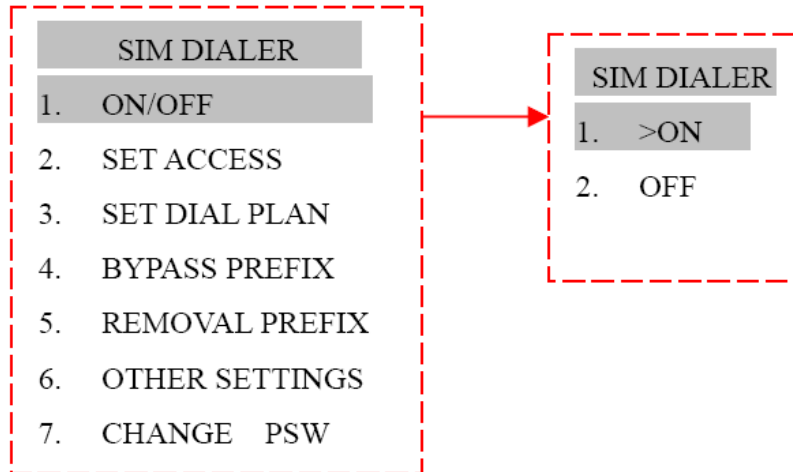


3. Operation instruction:

1) enable/disable the IP V500 dialer service

Choose ON/OFF in Menu 1, enable V500 dialer use or not use IP service.





On means use V500 dialer IP service, Off means don't use IP V500 dialer service.

2) Set PIN code for calling cards

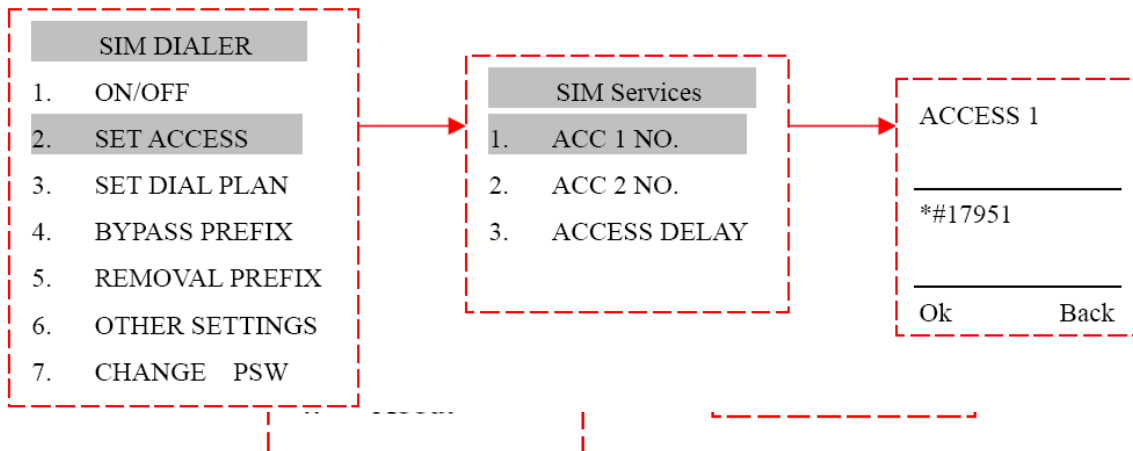
You could set 2 account numbers, including PIN.

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

3) Set PIN code for calling cards

Press log in and enter system password, you can see the sub-menu of SET ACCESS

E.g. You can set access number of 17951 (*# stands for Direct Callthrough mode)





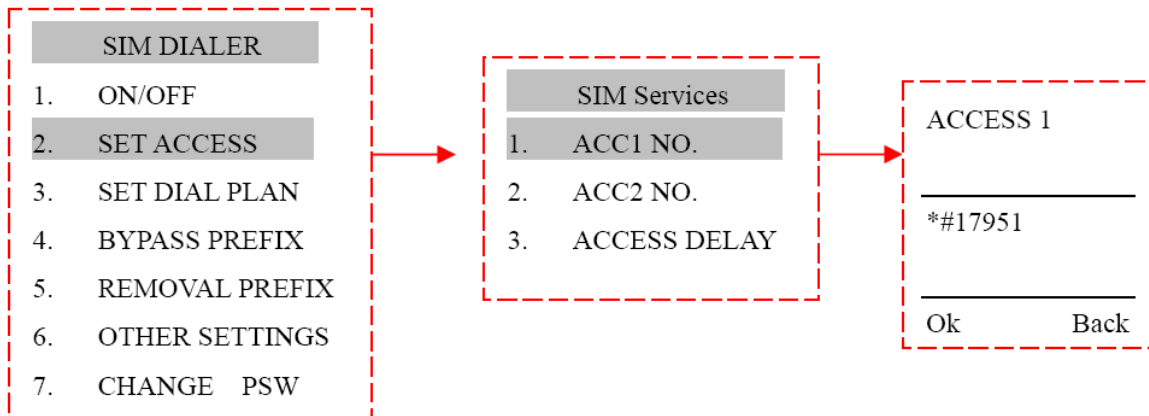
There are three main working modes, the 2 symbols in front of access number will decide sim V500 dialer to work with Direct call-through, call-through with IVR or Callback mode.

- a. Direct Callthrough mode. add *# in front of access number. E.g.: *#17951
- b. Call through wait for IVR. Add ## in front of access number. e.g.: ## 10086
- c. Call back mode. Add ** in front of access number e.g.: **800810000

Below are full instructions for setting access number with different working modes:

A). Direct Call-through access number setting:

Example, we now to set up a direct call-through access number 17951, we will set in following way:

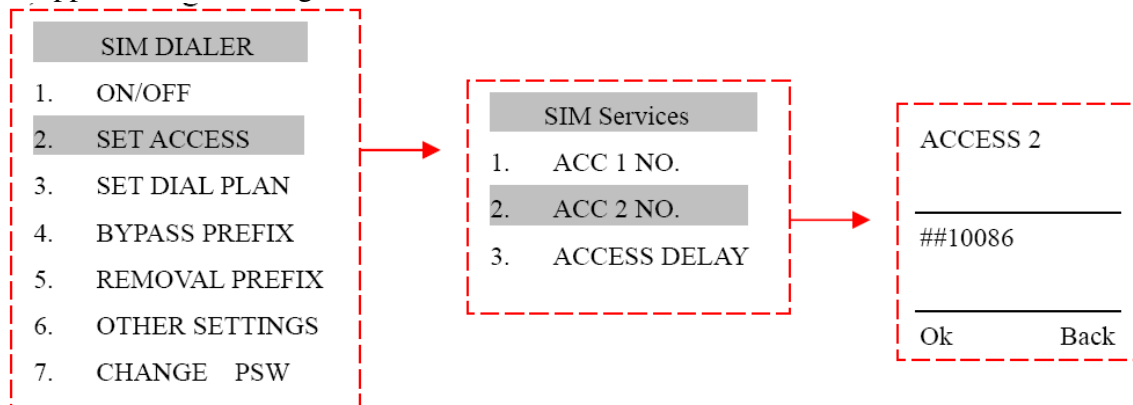


With these settings, V500 dialer sends access number 17951 +destination number without waiting for IVR prompting after access number, because there is no IVR after access number.

e.g.: User dials 012345678, Then V500 dialer will dial 17951012345678 continuously.

B). Call-through with IVR access number setting:

Suppose we are setting access number 10086 which will have IVR after it.



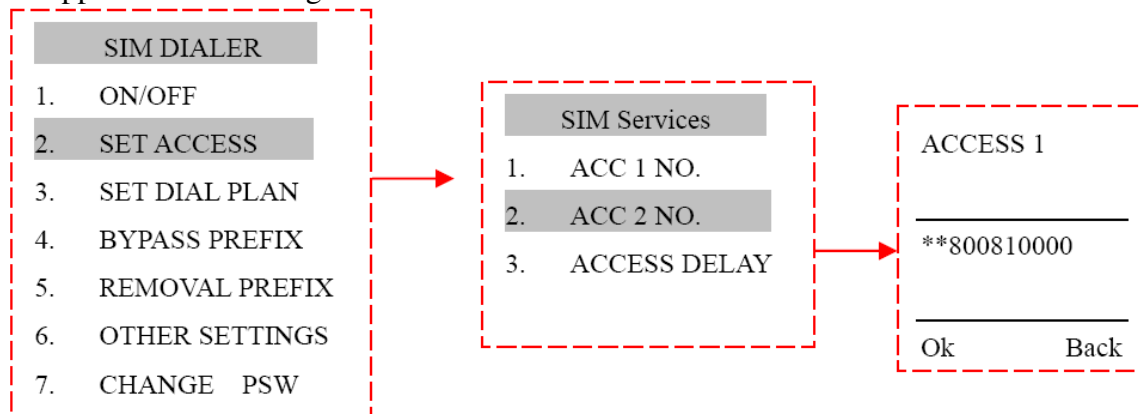
With this setting, V500 dialer will dial access number 10086, then pause for waiting IVR prompting and then send destination number .

e. g.: you dial 00125678999,

V500 dialer will dial 10086, then wait for IVR prompting, then sends 00125678999.

C). Callback mode access number setting

Suppose we are setting a callback access number 800810000



With this setting, V500 dialer will work in this way

User dials destination number, e.g 440234567999

-V500 dialer keep the destination number in memory and dial access number 800810000

-System hang up or user hang up when hears connection tone.



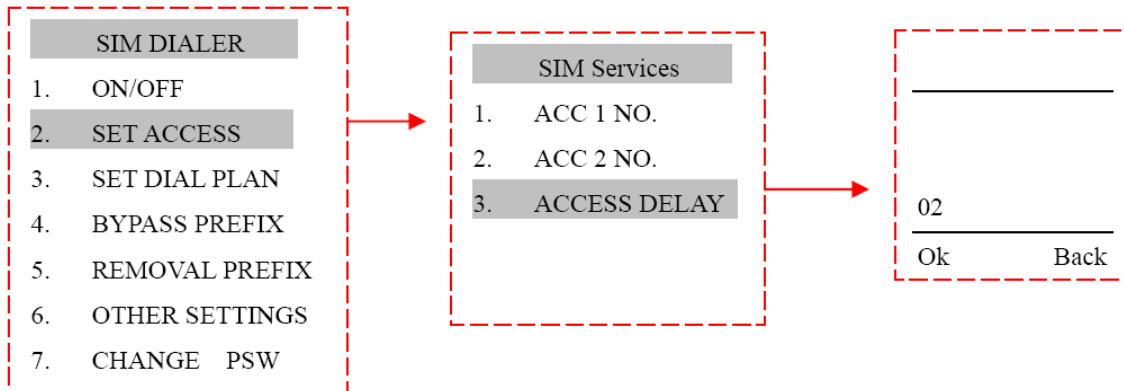
- System callback within a few seconds and user pick up the phone
- SIM V500 dialer will automatically dial out the destination number 440234567999
- The call is connected

For most callback or callthrough system, you are required to add # or other key as suffix code after the destination number you dial. Suffix code can be set as your system requires.

You can follow other Chapter setting instructions in OTHER SETTING, Ending code/suffix code setting.

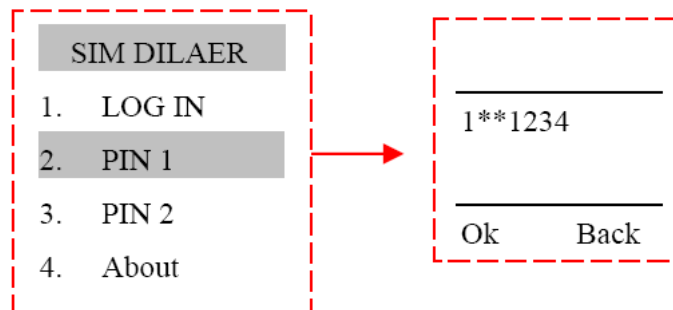
3) Set time delay after access number

Choose Menu 2 SET ACCESS, set time delay after access number. (TT= (00-NN) *3 second) .E.g. set time delay 02 stands for 6 seconds delay/pause after access number.



4) Set time delay after PIN

Set time delay after PIN or every stage, use * as pause (every * stands 3 seconds pause)
Enter Main menu and enter PIN to set PIN and delay time.



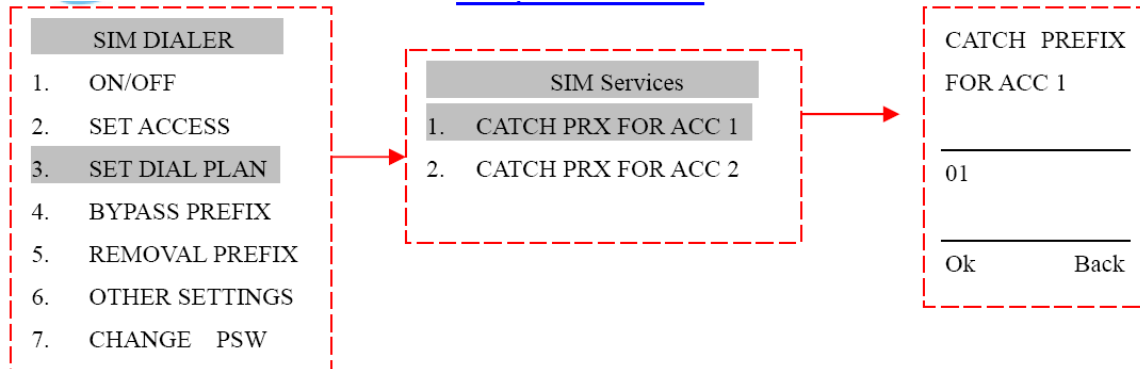
Here first * after 1 stands for 3 seconds pause after 1 option, second * is separate symbol. In this case, V500 dialer will dial 1 and wait for 3 seconds, then dial 1234 PIN. You can also add * after PIN for pause.

5) Dial plan setting



(A) Set prefix go though V500 dialer:

Choose Menu 3 SET DILA PLAN, to set prefix codes which will be routed to go though V500 dialer.

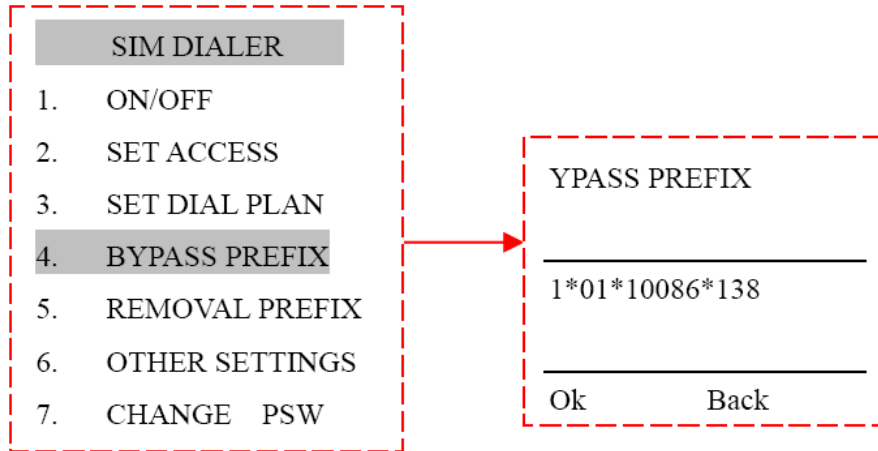


Catch prefix for Acc 1 Means the prefix codes which will be routed to access number 1. When you dial the number starting with the prefixes which match dial plan for access number 1, it will reroute the call to go though Access number 1 .
.E.g. set activation prefix 01 for Access number 1 (ACCESS number 1 is 17951),
When you dial 013312958466, V500 dialer will dial 17951013312958466.
If there more than one prefix, use * to separate them. E.g. 01*2*3*4*5*6 is to let prefix 01, 2, 3, 4,5, 6 go though access number 1.

Same way, you can set other catch/active prefix codes for access number 2.
Once you dial a destination number,sim V500 dialer will decide to pick up access number 1 or 2 according to your dial plan setting.

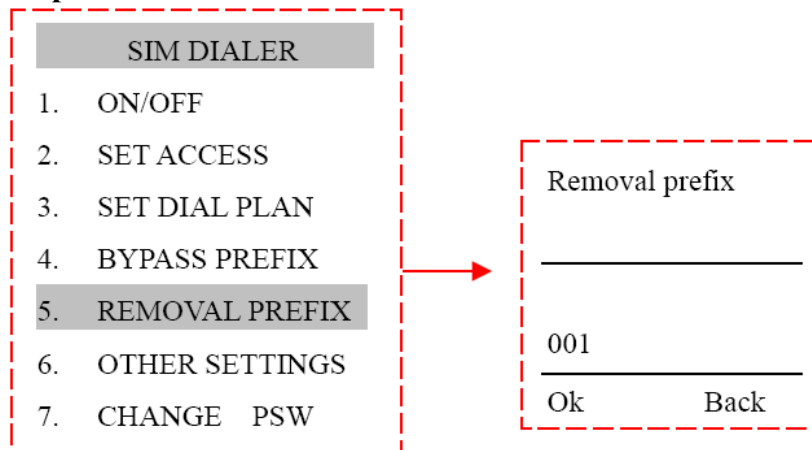
(B) Set prefixes by pass the V500 dialer

Bypass prefixes are those number prefixes that you don't want to go through V500 dialer, and they will go to local GSM networks directly.
Choose Menu 4 BYPASS PREFIX, set the bypass prefix. If you have more than one prefix, use * to separate them.



After this configuration, all the phone number begins with 1, 01, 10086, and 138 will be bypassed to local GSM networks. Means when dialing numbers starting with these bypass prefixes, V500 dialer won't work.

6) Set removal prefix

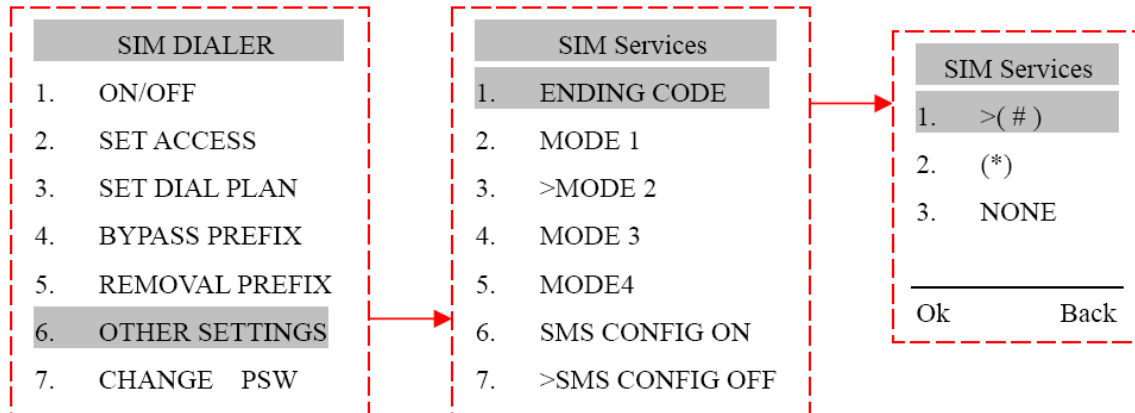


In this case, When you dial 0018675526521881, V500 dialer will send 179518675526521881(001 removed) (say access number is 17951).

7) Other setting

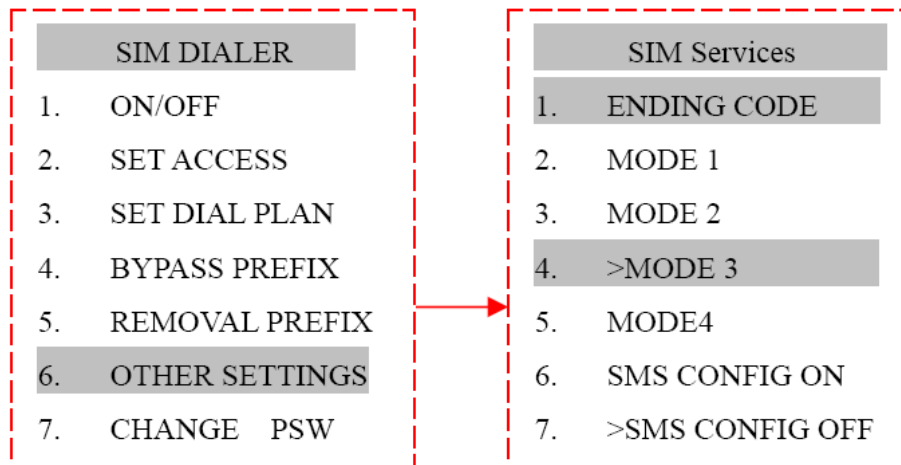
a.) Set suffix/end code for destination number.

SIM V500 dialer could automatically add # or * after 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 suffix/end code after the destination number, just choose NONE option.



b.) Select mode

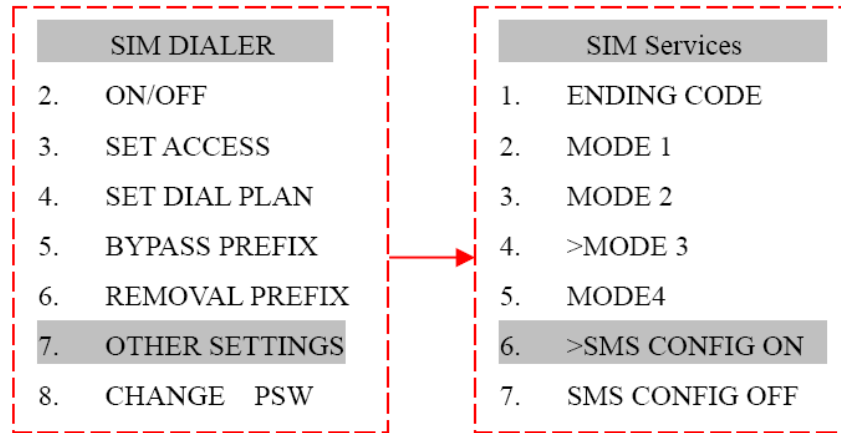
Mode 1, 2, 3, 4 is designed for compatibility of different brands mobiles or different telecom carriers. You could choose the suitable mode for your mobile. Default is mode 2.



c.) SMS configuration on/off function

This menu is designed for SMS configuration tool to program the V500 dialer from server

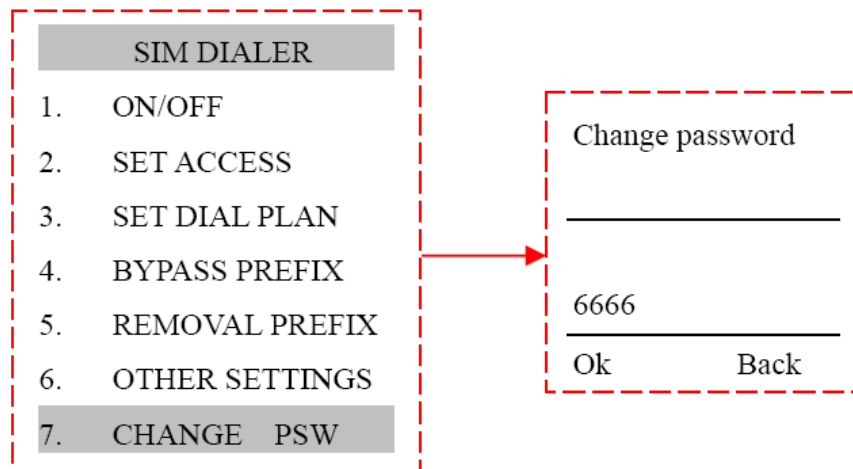
Center. Choose SMS CONFIG ON, the mobile installed V500 dialer could be re-programmed by receiving the SMS from the server center.



Default setting is SMS CONFIG ON.

8) Password setting

This is to change system passwords. Please remember your new PWD !!



9) About

This menu shows the V500 dialer version.

4. Q & A

1) Mobile phone can't detect the SIM card after installed the SIM V500 dialer, why?

- Make sure the install way is correct; your mobile doesn't support SIM V500 dialer; the SIM V500 dialer is damaged in installation.

2) After properly installation of the Mobile V500 dialer, I still can't connect and use the



Calling Card Service. Why?

- Confirm you open the IP service; confirm your provider's service covers your location; your mobile don't support mobile V500 dialer.

3) I don't want some toll free number or local number use V500 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 V500 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 because V500 dialer still keeps your previous setting.

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

- Yes. The SIM V500 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 V500 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 V500 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 V500 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. Please 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 V500 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 V500 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 V500 dialer when they want to change the previous setting in the SIM V500 dialer remotely.

12) How to use the unlock function?

- Just choose the Unlock On , and then put the SIM V500 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 V500 dialer menu, how can I do?

- You could program the V500 dialer use 2G phone, and the insert to 3G phone, or use SMS toolkit to program the V500 dialer and you still could use keypad to program the V500 dialer. You could contact us for the keypad command list.

12) Is the SIM V500 dialer could use for all brands mobile phone and for all networks?

- No. the SIM V500 dialer could only work with GSM /UMTS/USIM/UICC SIM card currently and it is not ensured to be compatible with all the mobiles. The available mobile models refer to the table below. We will update the functions of the SIM V500 dialer and update the models of the mobile. Please inform us of any applicable (inapplicable) model you have.



Application list for mobile phone (tested models)

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

This is tested list for your reference, other models can be supported although we didn't test before.