

Call transfer between sim card and PSTN

Application scope: security, office, border trade, unattended, etc.

Network: GSM/WCDMA/4G LTE/5G;

The terminal automatically recognizes whether the line is broken or disconnected. If there is a fault, the terminal automatically calls the number through GSM/WCDMA/LTE/5G sim card. Support setting routing to the PSTN number, the terminal automatically recognizes the number, and dials the dialed number through the PSTN line;

Support setting up 32 numbers for PSTN line priority outgoing calls.

Support pressing # key to dial the number from the sim card or PSTN;

Support incoming calls from sim card and outgoing calls from PSTN lines (support free dialing/support call out appointed numbers);

Support incoming calls from PSTN lines and outgoing calls from sim card (support free dialing/support call out appointed numbers);

Can send incoming numbers from PSTN line to sim card by short message;

*00#000# back to factory default setting
*00#011#0# sim card can call in(factory default setting)
*00#011#1# Forbid call to sim card
*00#011#4# not display IMEI on LCD when turn on the unit (factory default setting)
*00#011#5# display IMEI on unit LCD and telephone LCD which connect with the unit
*00#012#0# ring first then send number(factory default setting)
*00#012#1# send number first then ring
*00#012#2# FSK
*00#013#0# when sim card is called , call transfer to PSTN off(factory default setting)
*00#013#1# when sim card is called, call transfer to PSTN on
*00#013#2# when sim card is called, white list off(factory default setting)
*00#013#3# when sim card is called, white list on(the numbers isn't in white list isn't allowed to call in)
*00#013#4# when sim card is called , white list on , transfer to one fixed number off
*00#013#5# when sim card is called , white list on , transfer to one fixed number on(unit will call one fixed number out automatically)
*00#013#6# when sim card is called , white list off , transfer to one fixed number off(factory default setting)
*00#013#7# when sim card is called , white list off , transfer to one fixed number on
*00#013#8# when PSTN is called , call transfer to sim card off(factory default setting)

*00#013#9# when PSTN is called, call transfer to sim card on
*00#014#0# when PSTN is called, call transfer to sim card, transfer to one fixed number off(factory default setting)
*00#014#1# when PSTN is called, call transfer to sim card, transfer to one fixed number on
*00#014#2# transferring process forbidden number function off(factory default setting)
*00#014#3# transferring process forbidden number function on
*00#015#0# send incoming number by short message off(factory default setting)
*00#015#1# send incoming number by short message on
*00#020#0# clear 32 groups white list
*00#020#1# clear 64 groups forbidden calling numbers
*00#020#2# clear 32 groups routing to PSTN numbers

*00#030#A*BB# volume adjust, A stands SPEAKER, BB stands MIC(A: 0~9, factory default setting A:6; BB:00~15,factory default setting BB:08)

*00#035#123451234512345# set imei number

*00#036#YYMMDDHHMMSS# set date and time

*00#037#99# set the transfer time for PSTN line calling, when PSTN line not pick up the calling within this time the calling will be transferred to sim card automatically(00~99 seconds, set 00 to close this function) when you want to use this function you've to close the function from PSTN to sim card

*00#038#08# set time zone, China is *00#037#08#, Australia is: *00#037#11#

00#040#AA white list, AA:01~32, White list: the numbers can call in
*00#041#01*transfer to PSTN number#, When sim card is called, white list is on, transfer to one fixed number on(the unit will auto dial the fixed number out);
When sim card is called, white list is off, transfer to one fixed number on(the unit will auto dial the fixed number out)

*00#041#02*transfer to sim card# When PSTN is called, transfer to sim card, transfer to one fixed number on(the unit will auto dial the fixed number out)

*00#042#01*transfer to PSTN number# Routing to PSTN number setting, for example *00#042#01*137#(all the numbers started with 137 will be dialed out from PSTN), can set 32 groups numbers

00#043#AA forbidden calling out number, AA:01~32, PSTN forbidden calling

out number

*00#044#IP# transfer to sim card, IP number will be auto added before the number you want to dial out IP:1~16 digits // *00#044## clear the IP number

*00#069#0# set it as internal setting and re-start automatically after setting finish

*00#069#1# set it as outside setting and re-start automatically after setting finish

Short message based on TEXT formate but not Chinese

Short message, formate *00##**unit call back number from sim card**unit PSTN line want to call out number##

*00##**10086**10010#

When PSTN is called, press RST and release, PSTN can call out, and the called will be called out from sim card

Short message based on TEXT formate but not Chinese

Short message can send maximum 8 each time, each message maximum 190 characters, each message should add , between each messages

LCR(Low cost routing)

Outgoing number can auto select call out from sim card or PSTN line according to settings, normally setting is from the low cost route which shortage LCR

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Incoming call from sim card can be transferred to set number from PSTN line, or call any other numbers from PSTN line;

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LED light: from left to right

1. Power: green color, stays on after power on
2. Status: it'll flash when standby, stays on when pick up handset
3. Polarity reverse: it'll stay on during conversation, it'll be off after conversation
4. Module: it'll be off if module no problem, it'll stay on or flash if module has problem
5. SIM card: it'll be off if sim card no problem, it'll stay on or flash if sim card has problem
6. Signal 1: signal poor

7. Signal 2: signal poor
8. Signal 3: signal is ok
9. Signal 4: signal is strong

Set 32 group SOS numbers:

This unit has 2 RJ11 ports, PHONE1 is PSTN socket which connect PSTN line from outside, PHONE2 is for phone which you can connect ordinary phone to make calling.

Press HF key on the unit or you can input command from ordinary phone(must connect to PHONE2 socket), input *00#080#01*10085#, press HF key again when you hear du du..., 10085 is first number; You can set 32 group numbers, the unit will call the 32 numbers from first one to 32nd one until it get connect.

Input *00#020#3# this command to clear the 32 group numbers.

*00#080#01*10085#

*00#080#02*10086#

.....

*00#080#32*10099#

*00#020#3#