

# Function Setting for GSM Gateway 8 ports 64SIMs

## Model: FWT-8888 8 Ports-64SIMs

### PART 1: SIM Rotation Setting

#### 1) SIM amount Setting:

(To set SIM card amount per channel, It will use the No.1 SIM card when power on or after rebooting).

**\*#80#08#** 80--command, 08--SIM card amount, Max 08, Min 01 Default setting is 08

#### 2) SIM rotation by call duration setting (from 1 to 99 hours)

**\*#85#02#** 85--command, 02--call duration (hours), Max 99, Min 01 Default setting is 02

#### 3) SIM rotation Mode setting (By call times/call duration/talking time)

**\*#86#00#** 86--command, 00--rotation mode, default setting is 00  
00 --call times, 01 --call duration 02 -- talking time

#### 4) Current use SIM setting (To assign a SIM for current use to start)

**\*#87#01#** 87--command, 01--amount (01--08)

#### 5) SIM rotation by call times setting

**\*#88#01\*10#** 88--command, 01--No. 1 SIM card (01 -- 08),  
10--call times (00 -- 99, 00 represents not use or skip this SIM) default setting is 10

**\*#88#02\*10#** 88--command, 02--No. 2 SIM card (01 -- 08),  
10--call times (00 -- 99, 00 represents not use or skip this SIM) default setting is 10

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**\*#88#08\*10#** 88--command, 08--No. 8 SIM card (01 -- 08),  
10--call times (00 -- 99, 00 represents not use or skip this SIM) default setting is 10

#### 6) All SIM card call times setting (use this command to set all 8 SIM card call times as 10 times)

**\*#89#10#** 89--command, 10--call times Max 99, Min 01

#### 7) SIM rotation timing unit setting

**\*#93#00#** To set SIM rotation timing unit default setting is 00.

93--command, 00--timing unit (00 -- an hour as a timing unit, 01--10 minutes as a timing unit)

#### 8) Call Successful rate management setting

Call successful rate management is to analyse the call successful times in a specific accumulated calls, Suppose the call successful rate of SIM1 is below the preset value, it will alarm, (the red LED light near SIM8 will flash 1 time,the system will automatically lock SIM1 (means the rotation will skip SIM1 until user do the replacement and press reset button to restore), and

prompt user to check the SIM1 card, to check the SIM card is blocked or no fee (need to recharge), after replacement of SIM card, the user can press the reset button to let SIM1 resume rotation work. Suppose the call successful rate of SIM3 is below the preset value, the red LED light will continuously 3 times and prompt user to check SIM3... and so forth.

**\*#94#20#** Set the Minimum call successful times in accumulated 99 calls(this can be adjusted through \*#95#99#). If call successful rate below this Minimum call successful times, the device will alarm

94--command, 20--Minimum call successful times (can be set from 5 to 90),default setting is 20

**\*#95#99#** Set the accumulated calls times for analysis whether alarm or not

95--command, 99--accumulated call times (can be set from 10 to 99), default setting is 99

**\*#96#50#** Set continuous call failure times to alarm.

96--command, 50--continuous call failure times(can be set from 10 to 90) , default setting is 50

Suppose SIM2 continuous 50 times call fail, the system will automatically lock SIM2, and prompt user to check the reason and do the replacement.

## **PART 2: SIM rotation with IMEI change setting**

**When SIM rotates to next SIM card, IMEI of the device will be automatically changed to another no. which you preset into EEPROM simultaneously.**

1)**\*#90#00#** 90--command 00--amount, 00-IMEI not change, 01-SIM rotation, IMEI change simultaneously. default setting---00

2) Preset IMEI to EEPROM steps:

2.1 Write IMEI into memory of GSM Gateway

**\*#18#IMEI No. #** 18--Command, IMEI No. - 15 digits (e.g. 351373000057097)

2.2, Verify the written IMEI no.in Memory and write it to EEPROM GSM GaEI into EEPROM, and amount of IMEI saved in EEPROM setting should be greater than 1.teway.

**\*#91#01\*IMEI No.#** 91--command, 01-- location of EEPROM(can be set range is 01-10)

(Note: IMEI written into memory should be same as IMEI written into EEPROM of GSM gateway)

3) Set Saved amount of IMEI in EEPROM

**\*#92#01#** 02---command 01-amount (can be set range is 01-10)

Note: If SIM rotates with IMEI change automatically, there must save more than one IMEI.

## **PART 3: Other general function setting**

**1) Restore to factory default setting**

**\*#99#99#** restore to factory default setting.

**2) Adjust dial interval**

\*#01#30# , 01--command, 30--time, Max 9.9 seconds, Min 0.5 seconds, default setting is 3 seconds.

\*If you use GSM FWT-8848 for connecting to VoIP gateway, you can set dial interval as 0.5 second, it can make PDD<5 sec (Method: \*#01#05#);

\*If you use GSM FWT-8848 for connecting telephone, PBX, billing device, you can set dial interval as 3 seconds or 5 seconds as you like (Method: \*#01#30#, set the dial interval as 3 seconds).

### **3) Adjust Earphone Volume**

\*#02#15# 02--command, 15--volume, Max 16, Min 1, default setting is 15.

### **4) Adjust Mic. Volume (sensitivity)**

\*#03#10# 03--command, 10--amount, Max 16, Min 1, default setting is 10.

### **5) Setting local area code**

\*#04#\*0755# 10--command, \*0755—area code, Max 5 numbers, use "\*" instead if area code is less than 5 digits.

### **6) Setting IP numbers**

\*#05#17911# 05--command, 17911—IP numbers, Max 5 numbers, use "\*" instead if IP number is less than 5 digit.

### **7) Hide Caller ID (been sent out)Setting**

\*#13#01# 13--command, 01--value, Max-02, Min-00 Default setting is 00

00-- presentation indicator is used according to the subscription of the CLIR service

01 – CLIR allowed

02 – CLIR prohibited

Notice: This Setting need GSM carrier support.

### **8) Bar incoming call Setting**

\*#14#00# 14--command, 00--value, 00--no barring, 01--set barring default setting --00