



## **SCG-8Qe**

### **GSM Fixed Wireless Terminal**

### **with 8SIM, 8ports FXS, Quad band**



#### **1. General Description**

SCG-8Qe is a GSM to Analog Converter, the device can produce a FXS line to allow a regular phone to be connected and used just like a local landline (PSTN) except your calls will go out via the GSM network. This device can receive and make calls.

The main application is: Connecting the RJ-11 FXS line to Ordinary telephone set for voice call or to connect Analog PBX for call extensions, to connect billing systems for public phone use, to connect VoIP gateway to realize VoIP call termination, to connect alarm system for security purpose, etc. It is a GSM Fixed Wireless Terminal that produces Analog FXS phone line. GSM Quad band: 850/900/1800/1900Mhz



1. Front Side



2. Rear Side

- 1), **Front side** has 8 pcs RJ-11 ports, and LEDs display for Signal strength, Power, Working Status and Talking indicator;
- 2), **Rear side** has 8 pcs SMA antenna connectors, Power switch for every terminal, General Power port and switch;
- 3), **Front side with 8pcs antennas**, this only for display picture, in installation (Remark: **antenna must be put beyond 1.5 from terminal. Can't be put on the terminal, otherwise it will make noise**)
- 4), **Bottom side** has 8pcs SIM card holder slots, you can insert 8 SIM card for each slot when installation.

## 2. Functions & Features

- 1) It is a 8 channels GSM Gateway that has 8 ports FXS interfaces;
- 2) It can connect with ordinary telephone set, PBX , VOIP Gateway, Billing meter etc.;
- 3) Dialing tone frequency:450hz;
- 4) Can adjust dial interval from 0.5sec to 9 secs by setting up from telephone set;
- 5) Can adjust voice volume by setting up from telephone set;
- 6) SIM card supported (1.8V, 3V);
- 7) Caller ID display;
- 8) DTMF Dialing;
- 9) Bell signal;
- 10) Polarity reversal;
- 11) The RJ-11 socket connect the phone or billing system for metering purpose;
- 12) Antenna socket (SMA);
- 13) IP Presetting;
- 14) Working status and Signal Strength by LED indicator;
- 15) IMEI Change (optional)

### 3. Technical Specifications

- Air interface standard: GSM 850/1900MHz, 900/1800MHz phase 2+ full band  
Frequency ranges:

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| <b>A) GSM 850</b>                 | <b>GSM 1900:</b>                    |
| I) Transmission: 869.2 ~ 893.8MHz | I) Transmission: 1, 930 ~ 1, 990MHz |
| II) Reception: 824.2 ~ 848.2MHz   | II) Reception: 1, 850 ~ 1, 910MHz   |
| <b>B) GSM 900:</b>                | <b>GSM 1800:</b>                    |
| I) Transmission: 890 ~ 915MHz     | I) Transmission: 1, 710 ~ 1, 785MHz |
| II) Reception: 935 ~ 960MHz       | II) Reception: 1, 805 ~ 1, 880MHz   |
- Phone interface: supply RJ-11 Phone Interface
- Hanging voltage: 45V
- Picking off voltage: 30mA / 41mA
- Dialing tone Frequency: 450Hz
- Antenna interface: Antenna amplifying >2.5db
- Sensitivity: <-104DBM
- Transmitting power <3W
- AC-Adapter interface: INPUT: AC 110~240V
- OUTPUT: 5V 7A
- AC-Power type: EU, US, AU, British can be optional

### 4. Box contents

- SCG-8Qe GSM Fixed Wireless Terminal with 8 ports: **1pcs**;
- Power Supply Cable: **1pcs**,
- GSM Antenna with 3m cable: **8pcs**,
- User's Manual **1pcs**.
- Product dimension: **L455x W280 x H45mm**
- Gift box dimension: **L510x W170x H64mm**
- G.W: **4.5kg**

***SunComm* TECHNOLOGY CO., LTD.**

14F-8, No. 2, Jian-ba Rd., Zhong-he Dist., New Taipei City, Taiwan 23511

[www.suncomm.com.tw](http://www.suncomm.com.tw) [www.3GFixedWirelessTerminal.com](http://www.3GFixedWirelessTerminal.com)

China: Baoan, Shenzhen: [www.suncomm-shenzhen.com](http://www.suncomm-shenzhen.com)

Tel: +886- 2- 8226 9569 Fax: +886-2-8226 9733 E-mail: [sales2@suncomm.com.tw](mailto:sales2@suncomm.com.tw)