



*SunComm*

SunComm Technology Co., Ltd

**SC-9046Z-4GP LTE Fixed Wireless Phone**  
**with AMR-WB, VoLTE (Mono LCD), FDD & TDD**



**Supports the following bands:**

**FDD-LTE:** B1 / B3/ B5 / B7 / B8 / B4 / B20 / B28

**TDD-LTE:** B38 / B39 / B40 / B41

**WCDMA:** B1 / B5/ B8 / B2 / B3 / B10

**TDSCDMA:** B34 / B39

**EDGE/GPRS/GSM:** B3 / B8 / B2 / B5

**Powers:**

**GSM / GPRS 1800MHz:** +30dBm (Class 1)

**GSM / GPRS 900MHz:** +33dBm (Class 4)

**EDGE 1800MHz:** +26dBm (Class E2)

**EDGE 900:** +27dBm (Class E2)

**TD-SCDMA:** +24dBm

**TD-LTE:** +23dBm (Class 3)

**EDGE:** EDGE Class 12:237kbps DL / 237kbps UL

### 1. Antenna:

**Internal antenna**

**TNC External antenna detachable:**

- TNC type
- External antenna length should be at least 2100mm & it should have metal connector
- The antenna interface - include an external antenna connector
- External connector antenna
- External antenna gain: 3.5-5.0 dB

### 2. Maximum output:

- LTE-FDD/TDD : Power Class 3 ( $\geq +20$ dBm)
- HSPA/UMTS:  $\geq +21$  dBm (Power Class 3)
- EGSM/GPRS: 850/900 MHz  $\geq +31$ dBm (Power Class 4)
- EGSM/GPRS: 1800/1900 MHz  $\geq +28$  dBm (Power Class 1)
- 802.11 b/g 2.4GHz: +11 dBm

### 3. Band types:

- 4G -LTE FDD / TDD
- 3G - WCDMA (HSPA/UMTS)
- 2G -EGSM/GPRS

### 4. Call:

- Tones and Sound
- Busy Tone
- Incoming Call Alert
- Ringtones Selection
- **Missed Calls and incoming call:** 100 (dialed/missed/received)
- **Contact storage:** Up to 200 items
- Caller ID
- Call duration
- Speed dial
- Hands Free mode
- Volume control of the speaker
- Missed Calls and incoming call
- Call Forwarding
- Call barring

- **Treatments of calls:**
  - Redial, Transference, Diverse, Retention
  - TDD / FDD LTE: Sensitivity:  $\leq -90.0$  dBm(QPSK  
PREFSENS,throughput $\geq 95\%$ )
  - HSPA /UMTS 900: compliant
  - with 3GPP TS 25.101 (R5)
  - GPRS/EGSM 850/900/1800/1900
  - MHz: compliant with 3GPP TS 05.05 (R99)
  - 802.11 b/g 2.4GHz: compliant with IEEE 802.11b/g
  - Sensitivity: -105dB;

#### 5. Added features:

- Clock & Stop Watch
- Alarm Clock
- Calendar
- Calculator
- SMS
- MMS

#### 6. WiFi:

- 802.11b/g
- Frequency 2.4Ghz
- WiFi Hotspot capability (10 users)
- **Connect devices and navigation:** At least 10 systems connect WIFI
- Access Security

#### 7. Battery:

- DC Connector DC: 5.0V/1.0A
- Li-ion Rechargeable
- 3.7V, 1000mAH capacity
- Conversation time: at least 3.0 hours
- Stand-by time: Max to 100 hours
- 3-Pin Battery Connector
- Battery pack should be BIS registered from Bureau of Indian Standards (Govt of India)

8. **Administration and Configuration:** through the display and the menu. Or through a web browser and Computer friendly.

**Compatible operating systems:**

- Windows XP
- Windows Vista
- Windows 7,10 of 32 or 64 bits
- Linux
- Mac OS

9. **Keyboard and display:** accessible with numbers and letters visible, Display or LCD display

10. **Power supply:**

- **Transformer:** AC Input Voltage = 100 to 250 VAC 50 / 60 Hz, 300mA and sensitive
- Supply Voltage Output DC = 4.70V to 5.25V / 1.0A to 1.1A.  
Power adaptor should have round AC input pins as per Indian Standard.  
Output DC pin can be round type or flat suitable for USB port type DC connector on base unit.
- Power adaptor should be BIS registered from Bureau of Indian Standards (Govt of India) & it should be SMPS type

11. **Functions:**

- The equipment must be capable of functioning in the absence of the battery while in operation Transformer connected to the Power Network.
- **Product information: IMEI** serial.
- Have the profile default APN, and allow the option of loading Profiles

12. **Accessories:**

- Power cables
- Antennas
- Cable Tube
- Batteries
- Cables
- USB Network (at least 1 meter) or UTP RJ45 as appropriate
- CD / Driver User Manual

13. **Voice coding:** high-quality voice service. AMR Coding AMR

- FR= Full Rate

- HR= Half Rate
- EFR= Enhanced Full Rate
- AMR=Adaptative Multirate

#### 14. SIM CARD:

- Supports VoLTE (HD Voice Calling service on 4G LTE)
- SIM Card Reader Functions SIM
- Support SIM Card 1.8/3.0V
- SIM lock, Network lock & PIN lock
- 1SIM slot

15. Network port: Standard USB 2.0, Download Software & Data

16. Network type: WCDMA / LTE CAT4

17. RAM (4 GB): 128M

18. Quad Core Processor (28 nm)

19. Apps CPU: 4 x Cortex-A53, 0.64GHz

20. Display icons

21. Boot animation: customizable

22. Shutdown animation: customizable

23. Main menu icon: customizable

24. Languages: English, Chinese, French

25. Message storage: Up to 200 items

26. Operating temperature: -5°C a 55°C

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