



*SunComm*

SunComm Technology Co., Ltd

**SC-1695AU-4G 4G LTE VoIP Terminal with 16 SIM  
support VoLTE, 3G/WCDMA, 2G/GSM, SMA  
connector**

**(FDD: B1/B2/B3/B4/B5/B7/B8/B28; TDD: B40)**



**Frequency Bands:**

**Type AU.**

**4G FDD:** B1/B2/B3/B4/B5/B7/B8/B28

**4G TDD:** B40

**3G WCDMA:** B1 (2100)/B2/B5/ B8 (900MHz)

**2G GSM:** B2/B3/B5/B8

\* **SC-1695-4G** supports different frequency bands, please choose a dedicated type based on the region or operator.

## Key Features:

1. Supports up to 16 4G LTE Channels
2. Supports to work with different mobile networks:
3. Compatible with LTE-FDD/LTE-TDD/WCDMA/GSM Networks
4. Supports Make Call through VoLTE
5. HTTP API for SMS Application Integration
6. SMS to Email and Email to SMS
7. Flexible Dial Rules and Manipulation Rules

## Voice Processing:

1. Protocol: SIP v2.0, RFC3261, SIP TLS
2. Codecs: G.711A/U law, G.723.1, G.729A/B
3. Silence Suppression
4. Comfort Noise Generator (CNG)
5. Voice Activity Detection (VAD)
6. Echo Cancellation: G.168 with up to 128ms
7. Dynamic Jitter Buffer
8. DTMF: RFC2833, SIP Info
9. Call Progress Tone Generation
10. Programmable Gain Control
11. NAT: STUN, Dynamic NAT, Static NAT

## Network:

1. Static IP, DHCP Client,
2. Network Protocols:
3. TCP/UDP, TFTP, FTP, RTP/ RTCP, SSH, ARP, RARP, ICMP Ping, NTP, HTTP, DNS
4. Static/Dynamic ARP Request
5. PPTP VPN

## Maintenance:

1. Web/Telnet Configuration
2. Configure Backup/Restore
3. Firmware Upgrade by HTTP/TFTP
4. Factory Reset
5. CDR (10000 Lines CDRs Storage Locally)
6. Syslog/ Filelog
7. Ping and Tracert
8. Traffic statistics: TCP, UDP, RTP

9. VoIP Call Statistics
10. PSTN Call statistics: ASR, ACD, PDD
11. Voice Diagnose with Loopback
12. GSM Network Test
13. IVR Customization
14. Auto Provisioning
15. SIP/RTP/PCM Capture

### **Mobile:**

1. USSD Encoding: Unicode/ASCII
2. HTTP API for SMS
3. Polarity Reversal
4. PIN Modify
5. CID/CLIR
6. SMS Send and Receive
7. SMS to Email
8. Call Waiting/Call Back
9. Call Forward
10. GSM Audio Coding: HR, FR, EFR, AMR\_FR, AMR\_HR

### **Software Features:**

1. Calling Type:
2. Mobile to VoIP, VoIP to Mobile
3. SIP Trunk and Trunk Group
4. Caller/Called Number Manipulation Rules
5. SIP Codes Mapping
6. White/Black List
7. PSTN Hotline
8. VoIP Hotline
9. Abnormal Call Monitor
10. Call Minutes Limitation for Ports/Single Call
11. Balance Check
12. Low Balance Alarm
13. Auto Update SIM Number
14. Random Call Interval
15. Auto CLIP
16. Signaling & RTP Encryption
17. SMPP for SMS

## Physical Interface:

1. Mobile: Up to 16 Channels
2. Antennas Connectors: SMA
3. **Ethernet** Interfaces: 2\*10/100 Base-T, RJ-45
4. LED Indicators: Power, RUN, Signal Strength Indicators
5. **Console**: 1\* RS232 115200bps

## Environmental:

1. Power Supply
2. Input:100-240V,50-60Hz
3. Power Consumption: 38w
4. Temperature (Operation): 0 °C ~ 45 °C  
(Storage): -20 °C ~80 °C
5. Operation Humidity: 10%-90% No Condensation
6. Dimension(W/D/H): 440×270×44 mm
7. Net Weight: 3.6kg
8. Gross Weight (Package Weight): 5.5kg

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