



Dual-Mode GSM-WLAN Mobile IP Phone

C3Call Wireless P800 dual-mode GSM-WLAN phone aims at delivering high quality, full feature set cellular and WLAN dual-mode devices for CallWLAN customers. With P800, the benefits of GSM, WLAN, and VoIP are demonstrated to the full extent. The P800 phone is equipped with a standard IEEE 802.11b interface and a tri-band GSM/GPRS interface. Based on a smart phone platform, P800 leverages on the high data rate provided by the WLAN and the ubiquitous voice/data coverage provided by the GSM/GPRS network to provide users a new wireless communication experience.



Hardware Specification

- Intel PXA271 Processor
- 2.4 inch TFT Touch Screen, 320x240 QVGA, 260k Colors & Backlit
- Built-in Speaker/Microphone, 2.4mm Stereo and Headset
- 1.3M Pixel CMOS Camera

GSM/GPRS Specification

- Tri-band: 900/1800/1900MHz
- GPRS
- Class 10
- SIM Card
- FTA/CTA Certification

GSM/WLAN Convergence Features

- Simultaneously Active GSM/GPRS and WLAN Radio Interfaces
- Incoming Calls from Both GSM and WLAN/VoIP
- Automatic and Manual Switch for Out-going Voice Calls between GSM and WLAN
- Automatic and Manual Switch for Data Applications Using GPRS or WLAN
- Unified Phone Book
- Unified Applications: Email, Browser, QQ

Power Supply

- 1200 mAh Li-ion Battery:
 - >4 Hours Talk Time,
 - >72 Hours Standby (Both GSM and WLAN Are Active)

Peripherals Support

- USB Slave
- Mini SD Memory

WLAN Specification

- Wireless Access Protocol: IEEE 802.11b
- RF Channels: US: 11, ETSI: 13, Japan: 14
- Security: WEP 40 Bits and 104 Bits, WPA, 802.1x and RADIUS Client
- Power Saving Modes
- QoS: WME
- Fast Roaming between Access Points

VoIP Support

- SIP : IETF RFC t
- Acoustic Echo Cancellation
- Codecs G.711, G.729ab, G.723, AMR, LPC
- Dynamic Jitter Buffer
- Voice Activity Detection

Call Features

- Call Hold
- Call Forward/Transfer

- Call Waiting
- 3-way Conference
- Phone Book - (1000 Entries with Personal Images)
- Incoming Call Prompt with Picture
- Call Mute
- Auto-Answer/Flip Answer
- View Phonebook During Call
- Enter Sketch Pad During Call
- Adjust Volume During Call
- Quick Silence
- Turbo Dial
- Manual/Auto/Earphone Redial
- Call History (20 Entries)

Data Application Features

- Instant Messaging
- Email
- Internet Browser: HTML4.01, JavaScript1.5, SSL3.0, HTTP1.1, CSS1.0
- VPN Client

Camera

- Short Cut Key For View
- Camera Auto-close
- LCD Control During Camera Mode
- Image Quality (Fine, Super Fine, Normal)
- Self Timer
- Flicker Control
- 5-level Brightness Control
- Filtering (Monochrome/ Normal)
- 4-levels Zoom Support
- 3 Shutter Tone Support
- Retake
- Mirror
- Rotate
- Mobile Light
- Consecutive Shoot

Multimedia Features

- MP3 Player
- Camcorder
- Pictures Support Format: WBMP,BMP,JPEG,GIF
- Supported Sound Format: WAV, MIDI, AMR, MP3
- Video Support: MPEG4 Encoder/ Decoder, (Real-time Encoding To Mini SD)

PIM Features

- Calendar
- Schedule Management
- Alarm Clock
- Voice Recorder
- World Time
- Currency Converter
- Anniversary

Other Features

- Chinese-English/English-Chinese Dictionary
- Calculator
- World Time
- Notepad
- Sketch Pad
- File Transfer
- Counter
- Timer

Phone setting

- Phone Lock
- Phone Mode: Normal, Meeting, Office, Car,Customize
- Touch Panel Tone
- Call Connect Alert
- Minute Alert
- Low Battery Alert
- Volume Adjustment: Speaker/ Receiver Volume