

ICW-1000G Dual Band WiFi Phone

ICW-1000G is SIP-based Dual Band Wi-Fi phone with the advantage of long-lasting battery, L2-L3 quick roaming and convenient management of auto provisioning during boot up sequence.



About INCOM

UniData Communications Systems, Inc. offer Wi-Fi phone and application based on stable VoIP solution technology. UniData which has the advantage of optimal customization for various customer's demands is to enjoy the better convenience of communication technology in both enterprise and home by the field-proven quality with a history for 10 years.

Furthermore INCOM had been merged and acquired Unidata system that has brilliant quality and technique and launched active marketing since 2013.

We will be active partner of yours to enjoy the most advanced wireless communication technology and to create the higher productivity and value. For more information on Incom and its Wi-Fi solution, visit www.incominc.com

Phone Features

- .Polyphonic MIDI Ring / Vibration ringer
- .Simultaneous bell and vibration effects
- .Hotkey for vibration and ring toggling
- .Adjustable ringing and volume levels
- .Adjustable display brightness and timeout
- .100 call history of inbound, outbound and missed call
- .500 phone book with 30 grouping
- .99 speed dial
- .Phone book search and during call
- .Phonebook file synchronization via Auto Provisioning Server
- .Last number redial
- .Support to setup hotkey
- .Call time
- .Time and date
- .Volume control
- .MWI
- .Auto Answer**
- .Alarm/Wakeup call
- .World time (52 countries)
- .Location (52 countries)
- .Call progress tones (19 countries)
- .Calculator
- .Language :English, French, Germany, Spanish
Dutch, Portuguese, Italian, Turkish
Greek, Russian, Polish
- .PC-Sync
- .Ear phone
- .Speaker phone

Call Features

- Call mute
- Call hold
- Call transfer(attended/unattended/consultation)
- Call waiting
- Call forwarding(busy/no answer/unconditional)
- Caller ID
- Caller ID blocking
- 3 way conference (dependant on SIP Proxy)-
Optional



Management

Auto provisioning

- .Protocol: TFTP(default)/HTTP/HTTPS
- .Automatic boot-up provisioning
- .Association to default SSID when power up
- .Automatically routed to Auto provisioning server address from DHCP Bootup option 66
- Support file format ini (general.ini for common/ mac.ini for respective) Configuration Items-Network / Wi-Fi / Security / SIP Proxy, Account / System setting (language, time, location)/ Basic call Latest version firmware upgrade

Encrypted provisioning

Manual Firmware upgrade

- .Upgrade F/W by phone menu from local server
- .Protocol: TFTP/HTTP/HTTPS

Web Configuration Tool

Administrator policy

- Support admin password and user password separately
- Admin menu is protected by admin password

PC-SYNC

- . Web Phone book
- . XML, CSV phonebook download
- . HTTP push

SYSLOG

SNTP Time Synchronization

Diagnosis

- Network / WLAN / RTP / Ping Test / Hardware Diagnosis

Performance

WLAN Profile

- Support 4 Non-volatile profiles
 - 1 default
 - 3 modifiable profile
 - 1 volatile modifiable profile
- Profile condition setup
 - SSID
 - Security
 - Network : DHCP/Static IP

Security

- WEP 64bits / 128 bits
- WPA-PSK / WPA-EAP (WPA and WPA2)
- 802.1x (EAP-MD5, EAP-TTLS, PEAP, EAP-TLS)
- RFC3711(SRTP)
 - Media encryption via Secure Real-Time Protocol
- SIP signaling encryption via Transport Layer Security (TLS)
- VPN

Roaming

- Auto site scan
- L2/L3 quick roaming by admin setting conditions
- Signal level roaming

Network

- STUN
- DNS SRV

WMM for QOS

Voice over IP

Audio Codec

- G.711 aLaw / G.711 uLaw / G.729AB / G.722-64K / G.722.2 Wideband Codec support Multiframe

Communication Protocol

- RFC3261: SIP
- SIP Proxy Redundancy (1st Proxy, 2nd Proxy)

Jitter Buffer

- DTMF(Inbound/ RFC2833/ SIP INFO)
- RTP/RTCP

HARDWARE SPECIFICATION

WIRELESS

- IEEE 802.11a/b/g/n supported
- Frequency band: 2.400~2.497GHz
 - 5.180~5.320GHz
 - 5.500~5.825GHz
- Channel: 1~11(FCC), 1~13(ETSI),1~14(Japan)
 - CH36, CH40, CH44, CH48
 - CH149, CH153, CH157, CH161
- Data rate: 1, 2, 5.5, 6, 9, 11, 12, 24, 36, 48 & 54Mbps
 - 7.2Mbps ~ 72.2Mbps
- Output power: 17dBm (802.11b), 15dBm (802.11g)
 - 13dBm (802.11n)
- RX sensitivity: -95dBm@ 1Mbps

DISPLAY

- 262K TFT color LCD
- 320 x 240 pixels
- Size 2.4 inch

POWER SUPPLY

- Power supply input: 100~240 Vac, 50/60Hz
- Power supply output: 5Vdc, 2A
- Battery: Li-ion 1100mAh

HANDSET KEYS

- Send, End, Cancel, 5-way navigation key, 4 soft keys, Number keypad(0 ~ 9, *, #)

DIMENSIONS (H x W x D)

- 5.9x 1.96 x 0.59 in./15.0 x 5.0 x 1.5cm
- Weight: 3.80oz/108g (with Battery)
- 3.03oz/86g (without Battery)

TEMPERATURE RANGE

- Operation: 32~122 °F/ 0~50 °C
- Relative humidity: 10%~85%

PACKAGE CONTENTS

- Handset, Battery pack, Cradle, Power supply, AC cable, Quick start guide

INCOM COMPLIANCE

- FCC, CE, UL, KC