

# ICW-1000G WiFi Phone

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



## 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
- .Alarm/Wakeup call
- .World time (52 countries)
- .Location (52 countries)
- .Call progress tones (19 countries)
- .Calculator
- .Language : English, French, Germany, Spanish  
Dutch, Portuguese, Italian
- .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



### 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](http://www.incominc.com)

## 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

### •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

### •SYSLOG

### •SNTP Time Synchronization

### •Diagnosis

-Network / WLAN / RTP / Ping Test / Hardware

Diagnosis

## Wireless LAN

### 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)

### Roaming

•Auto site scan

•L2/L3 quick roaming by admin setting conditions

• Signal level roaming

### WMM for QOS

## Voice over IP

### •Audio Codec

G.711 aLaw / G.711 uLaw / G.729AB

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

5.180~5.245GHz

5.745~5.825GHz

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