

# WPU-7800G WLAN Phone

UniData WPU-7800 is SIP-based Wi-Fi phone with the advantage of long-lasting battery, L2-L3 quick roaming and convenient management of auto provisioning during bootup 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
- D-day (10)
- World time (52 countries)
- Location (52 countries)
- Call progress tones (19 countries)
- Calculator
- Language :
  - English, French, Germany, Spanish
- Screen (background image, clock, calendar, user name)
- 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 UniData

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. 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 UniData and its Wi-Fi solutions, visit [www.udcsystems.com](http://www.udcsystems.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 Bootp 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

- Hotkey for profile setting
- 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 (1~13 channels)
- L2/L3 quick roaming by admin setting conditions
- Support error rate 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 802.11b/g supported

Frequency band: 2.400~2.497GHz

Channel: 1~11(FCC), 1~13(ETSI),1~14(Japan)

Data rate: 1, 2, 5.5, 6, 9, 11, 12, 24, 36, 48 & 54Mbps

Output power: 17dBm (802.11b), 15dBm (802.11g)

RX sensitivity: -95dBm@ 1Mbps

## DISPLAY

262K TFT color LCD

220 x 176 pixels

Size 2.0 inch

## POWER SUPPLY

Power supply input: 100~240 Vac, 50/60Hz

Power supply output: 5Vdc, 2A

Battery: Li-ion polymer 1300mAh

## HANDSET KEYS

Send, End, Cancel, 5-way navigation key,

4 soft keys, Number keypad(0 ~ 9, \*, #)

## DIMENSIONS (H x W x D)

5.6 x 1.9 x 0.8 in./14.3 x 4.8 x 2.0cm

Weight: 3.98oz/113g (with Battery)

2.92oz/83g (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

## UniData COMPLIANCE

FCC, CE, UL