UniData
Communication Systems
Inc.

Wireless Wi-Fi IP Phone

WPU-7800G

Data Sheet

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WPU-7800G

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, German, Spanish, Italian, Dutch, Portuguese
- Screen (background image, clock, calendar, user name)
- PC-Sync
- Ear phone
- Speaker phone

Wireless LAN

WLAN Profile
- Hotkey for profile setting
- 4 Non-volatile profiles support
  - 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
- Error rate roaming support

WMM for QOS

UniData WPU-7800G 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.

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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 Boot 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
- PC Sync

Administrator policy
- Admin password and user password separately support
- Admin menu: Protected by admin password

PC-SYNC
- Web Phone book

SYSLOG

SNTP Time Synchronization

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

Call Features

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

Voice over IP

- **Audio Codec**
  - G.711 aLaw / G.711 uLaw / G.729AB
  - Multi frame support

- **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 ℃
Relative humidity: 10%~85%

PACKAGE CONTENTS
Handset, Battery pack, Cradle, Power supply cord,
AC adapter, Quick Reference guide

UniData COMPLIANCE
KCC, FCC, CE, UL

UniData Communication Systems, Inc

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**

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