

# UC PHONE DW 810

**Denwa**  
UNIFIED COMMUNICATIONS

DATASHEETS  
DW 810



HD Voice



Android



[www.denwaip.com](http://www.denwaip.com)

**Denwa**  
COMUNICACIONES UNIFICADAS



DATASHEET  
DW 810

UC PHONE  
DW-810



- 7" Capacitor TFT LCD
- Touch Screen
- Android 4.2 OS
- Video
- HD Voice

## BASIC FEATURE

- Support SIP 2.0 (RFC3261) and correlative RFCs.
- Support Voice Gain Setting, VAD, CNG.
- SIP supports 6 SIP servers, and backup SIP proxy servers.
- Support jitter buffer.
- Full duplex hands-free speakerphone.
- Support SIP UDP/TCP/TLS.
- SIP support SIP domain, SIP authentication (once, basic, MD5), DNS name of server, Peer to Peer/IP Call.
- Voice Codec: G,711A/u, G.7231 high/low,G.729a/b, G.722, iLBC, AMR-WB.
- Video Codec: H.263, H.264.
- DTMF Relay: Support inband, SIP info, RFC2833.
- Support Customized music rings.
- Image format: PEG, PNG GIF and BMP.
- Video format: mp4, 3gp and flv.
- Support STUN.
- Support SMS based on SIP.
- Echo cancellation: G.168 Compliance in LEC, additional acoustic echo cancellation (AEC) can reach 96ms max filter length in hands-free mode.
- Volumen (handsfree/handset/headset/ring) adjustment.
- Visual angle adjustable display screen.
- Professional Speaker/handset HD Voice.
- Ergonomic handset (acoustical cochlea).



## ADVANCED APPLICATION FEATURES

- Capacitive Touch Screen, Large dot matrix LCD display and softly make user easier to use.
- Phonebook records export/import.
- Friendly graphic menu.
- Support remote Phonebook with DenwaUC Sync App.
- Multi language Realize localization.
- Support Memory Key.
- SIP application: support forward/transfer (blind/attended/alert) holding/waiting/3 ways conference/redial and unredial/click to dial.
- Support Camera - Gallery - Picture frame and Screen saver.
- Media Player (mp4, mp3, wav, wma).
- Support multiline and predial.
- USB desk file Management.
- System files Management.
- Support Alarm Clock and Calendar.
- Voice recording during talking / local.
- Support Browser to surf the internet.
- Support Calculator with basic calculation.
- Support Calibration to calibrate the screen.
- Support Email.
- Support Note Pad.
- Support SysLog and Web Capture.
- Support Action URL - Active URL
- Call control feature: flexible dial plan, hotline, empty calling no reject service, call firewall for reject authenticated call, white list, limit call, dono disturb, auto answer, caller ID, CLIR (reject the anonymous call) CLIP (make a call with anonymous call), Dial without register.
- Support call logs with missed calls/incoming calls/outgoing calls,; The Upper bound of all logs about these types is 500.
- Support local Phonebook (XML/CSV/VCF) with 200 entries.

# NETWORK FEATURES



- WAN/LAN: Support Bridge mode.
- Support MD5 authentication.
- Support PoE (802.3af.).
- Network tools: telnet ping, trace route.
- Support DHCP Client on WAN.
- Support main DNS and secondary DNS server.
- Support Web Filter.
- Support VLAN.
- Support NTP Client.
- Support TLS,SRTP,HTTPS.
- Support QoS:802.1p/q, Diffserv.

# MAINTENANCE AND MANAGEMENT



- Android 4.2.
- Support encrypted configuration files downloads with AES.
- Support pushing message.
- Support Auto Provision (DHCP option/PnP/Phone flash).
- Support TR-069.
- Support Web upgrade.
- Application, e.g. email, IM, internet Radio, Notepad.
- Desktop/google search.
- Desktop widget.
- Management with different account right.
- Support automatic upgrades/configuration deployment.

# SPECIFICATION



- Item ▶ DW-810 UC Phone
- Adapter Input ▶ 100-240V (Verify your country)
- Adapter Output ▶ 12V/1A (Verify your country)
- WAN Port ▶ 10/100/1000 Base - TRJ - 45 for LAN
- LAN Port ▶ 10/100/1000 Base - TRJ - 45 for PC
- HDMI Port ▶ Type A
- SD Interface ▶ TF Card Support Up to 32 GB
- USB Port ▶ USB 2.0
- Power Consumption ▶ Idle: 2.5W/Active: 5W
- LCD Size Diagonal: ▶ 7 inch (800 x 480) Capacitive touch Screen
- Camera 2 MP: ▶ Adjustable Position
- Operation Temperature ▶ 0~40°C
- Relative Humidity ▶ 10~65%
- CPU Freescale ▶ Core Quad 1 Ghz
- SDRAM ▶ 1GB DDS3 1066
- Flash ▶ 4GB
- Weight-Phone ▶ 1.2Kg/Total:1.8Kg

# CERTIFICATION





**Denwa Technology Corp.  
Florida, USA**

**[sales@denwaip.com](mailto:sales@denwaip.com)  
[www.denwaip.com](http://www.denwaip.com)**

Denwa products are available worldwide and supported by  
Denwa Regional  
Offices throughout the world. For a complete list of local Denwa  
Sales and Technical Support contacts, visit our worldwide  
website at **[www.denwaip.com](http://www.denwaip.com)**