

UC PHONE DW-820G

-  Android
-  Wi fi
-  Bluetooth
-  HD Voice
-  HDMI



DW-820G is an Android-based multimedia terminal with a 7" touch screen and a 2M CMOS sensor camera. It supports H.264/H.263 codec with adaptive bandwidth adjustment. The 7" touch screen offers excellent user experiences such as high quality videophone, smooth internet surfing, various Android Apps and daily information.

MAIN FEATURES

- 7 inch capacitive touch screen TFT LCD, 1024*600 pixels.
- 2M pixels CMOS camera with privacy shutter.
- Dual switched 10/100/1000Mbps Ethernet ports, supporting IEEE802.11af and IEEE802.az Energy Efficient Ethernet.
- Built-in Bluetooth, USB and Wi-Fi feature.
- Android 4.2 Operating System and support Android API for the 3rd party Android application installation.
- Voice and Video Codec : G.711 A/U, G.722, G.723, G.729AB, OPUS, ILBC, AMR-NB, AMR-WB, H.263, H.264.
- Protocol: SIP RFC3261, TCP/UDP/IP, PPPoE, RTP/RTCP, HTTP/HTTPS, etc.
- Auto Provisioning: FTP/TFTP/HTTP/HTTPS.
- Denwa Cloud Auto-Provisioning.
- Auto-Provisioning without DHCP.
- Auto-Provisioning, Zero Configuration.

Web  RTC



DW-820G

Systems Specifications

Video Features

- Video Codec: H.263 - H.264.
- Video Solution: QCIF, CIF, VGA, 4CIF, 720P.
- Video Bitrate: 64kbps-2Mbps.
- Adaptive Bandwidth Adjustment.
- Video Character: PIP, Full Screen, Local Video ON/OFF Control.
- Image Codec: JPEG, GIF, PNG, BMP.

Audio Features

- Video Codec: H.263, H.264.
- Wideband Audio Codec: G.722.
- Narrowband Audio Codec: G.711 A/U, G.722, G.723, G.729AB, OPUS, ILBC, AMR-NB, AMR-WB, H.263, H.264.
- VAD.
- CNG.
- Echo Canceller G.165/G.168.
- Full-Duplex Speakerphone
- 4 DTMF modes: RFC2833, In-Band, SIP INFO, Auto.

Management

- Firmware Local Update: USB Flash Disk.
- Firmware Remote Update: FTP method.
- Auto Provisioning Using FTP/TFTP/HTTP/HTTPS.
- Denwa Cloud Auto-Provisioning.
- Auto-Provisioning without DHCP.
- Zero Configuration.
- System Log Export.
- Restore To Factory Default.
- Configuration Managements Via LCD.

Phone Features

- Android 4.2 Operation System.
- Support 6 SIP accounts.
- Call Waiting.
- Call Transfer.
- Call Hold.
- Mute.
- Redial.
- Speed Dial.
- Direct IP call.
- 6-Way Conference.
- DND (Do Not Disturb).
- Volume Adjustable.
- Ring Tones Selectable.
- Multi-Languages Support.
- Default Apps: Phonebook, Weather, Google Play, Digital Photo Frame, Stock, News Feeds, Calendar, World Clock, Alarm Clock, Email, Camera, File Browser, Games.
- 3rd Party Android Applications.

Network and Security

- SIP V2(RFC3261).
- UDP/TCP/IP.
- RTP/RTCP.
- ARP/RARP.
- NAT Traversal: Static NAT configure, SIP Keep Alive.
- IP Assignment: Static IP, DHCP, PPPoE.
- NTP For Auto Time Setting.
- Network Packet Capture.
- TFTP/FTP/HTTP/HTTPS Client API.
- QoS: Layer 2 (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ).
- HTTPS.
- MD5 and MD5-session Based Authentication.
- Access for Administration.

Directory

- Local Phonebook up to 3000 Groups.
- Phonebook with Contact Picture.
- Favorites.
- Blacklist.
- Call Logs: 600 Entries (200 Missed Calls; 200 Dialed Calls; 200 Received Calls.).
- LDAP.
- Intelligent Search Method.

Physical Features

- 7 Inch Capacitive Touch Screen, Resolution 1024*600, 16:9 Wide Screen Aspect Ratio
- 3 LED Lights (1 Power Light, 1 Network Light, and 1 Message Light)
- 28 Keys
- RK3066 Chipset
- Flash Memory 8GB
- 1GB DDR3 Memory
- Foot Stand, multiple positions.
- 2M Pixels CMOS Camera, Free Rotation
- RJ9 Handset
- 3.5mm Headset jack, compatible with Plantronics, Jabra standard headset.
- 2 RJ45 10/100/1000M Ethernet Jacks
- Energy Efficient Ethernet: IEEE802.3az
- Power over Ethernet: IEEE802.3af
- Bluetooth
- Wireless Access: 802.11b/g/n
- 1 USB 2.0
- 1 HDMI Video Out Port
- Power Adapter: AC 100-240V Input, DC 12V/1A Output
- Dimensions: 240*192*106mm
- Operating Temperature: 32° ~ 104°F (0~ 40°C)
- Storage Temperature: -4°~ 158°F (-20 ~ 70°C)
- Operating Humidity: 10% to 90%
- Noncondensing
- Storage Humidity: 10% to 90%
- Noncondensing
- Power consumption (approx.): 12W
- Weight (approx.): 1.4kg
- Giftbox Size: 255*198*128mm