

# SQ-3000

**UniData**  
Communication Systems  
INC

## Video & Voice over Wi-Fi Phone

Live videoconference at work, at home, even in bed

### Compliant with industry standards

802.11 a/b/g dual band  
RFC 3261 SIP standards

### High quality voice and video call

G.722.2 wideband voice codec  
WMM  
H.264 video codec  
Up to 30 fps video transmission  
Full duplex speaker phone function

### Robust security in wireless and wired networking

WEP  
WPA-PSK  
802.1x EAP-MD5, EAP-TLS, EAP-TTLS, PEAP  
WPA/WPA 2-personal and enterprise  
Secure RTP

### Seamless communication in WLAN

Pre-configured 10 different WLAN profiles  
Fast roaming in L2/ L3 layer  
High data throughput for multimedia transmission

### Additional Features

Phone book (1,000 contacts)/ SMS  
Call history/ mute/ waiting  
pick up/ transfer/ forward  
Active phone book and presence  
3 way video and voice conference  
RTSP based multimedia service



**About UniData** UniData Communication Systems, Inc., with headquarter in Seoul, Korea, is one of the world's foremost provider of Wi-Fi phone products. With expertise in diverse platform optimization and commercially proven solution, the company offers the most reliable Wi-Fi phone customization to enterprise solution and tier service provider platform. For more information on UniData and its Wi-Fi solutions, visit the company's website at [www.udcsystems.com](http://www.udcsystems.com)

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## Software Specification

Features	Spec
802.11 a/b/g Wireless LAN	802.11a (5GHz) and 802.11b/g (2.4GHz) WMM for QoS WMM-PS (U-APSD) ultra battery life Up to 20MHz High data throughput Equivalent to CCX v4 ASD)
Wireless Security	WEP(64/128 bits) / WPA-PSK / 802.1x, EAP-TTLS, EAP-TLS, PEAP WPA/WPA2-personal and enterprise
Dynamic Network Binding	Pre-configured 10 Network profiles / Wireless LAN site survey Simple WLAN profile configuration for instant network connection DHCP / Static IP / DiffServ (ToS) Tagging / NAT Traversal: STUN, TURN Automatic roaming between APs / Layer 3 hands-over
Video over IP	RFC3261 SIP Secure RTP for encrypted and authenticated media Narrowband Voice Codec: G.711, G.726, G.729AB, iLBC, Speex, GSM-AMR Wideband Voice Codec: G.722, G.722.2 [AMR-WB], Speex Wideband Video Codec: H.264 (MPEG-4 AVC), MPEG-4 SP, H.263 P0-3, H.263+ Up to 30 fps QVGA In-band DTMF / Out-of-band DTMF(INFO, RFC2833) SIP Message SIP/SIMPLE Presence and Chatting
Call Features	3-way voice / video conference (independent with 3rd party SIP proxy) MUTE / Hold / Transfer (attended/unattended) Waiting / Forwarding (busy / no answer / unconditional) Visual caller ID display / Call ID blocking
Phone Features	MP3 live bell / SP-MIDI* / Vibrator Full duplex speaker phone with acoustic echo canceller Call history (Inbound / Outbound / Missed / Memo, 100 records) Phone book (1,000 contacts) / 99 speed dials Distinctive ringing (by individuals and / or groups) Simultaneous call history, or phone book search during a phone call
Applications	Simple HTML browser (Google mobile, customizable multimedia service) Full web browser* Active phone book integrated presence Network game over the phone * RTSP based streaming service* Alarm / Morning Call / D-Day / Calculator / World Time
Management	Auto/Manual upgrade(HTTP/HTTPS) / Auto provisioning (HTTP/HTTPS) SNTP Time synchronization / Syslog remote logging* Web server for user phone book configuration

## Hardware Specification

Device and Details	Specification
CPU	ARM9(max speed : 400 MHZ)with multimedia hardware accelerator
Memory	256MB NAND flash/ 64MB mobile DDR SDRAM
LCD	2.8 inch 320 x 240 TFT LCD/ 262K colors
Camera	300K pixel CMOS image sensor
Key Pad	3x4 keys, Send, End, Clr, Volume control key, 4 way navigation keys, 2 soft keys, Hot key
Audio	Full duplex speaker phone, Earphone jack
Wireless	IEEE 802.11 a/b/g
Memory Expansion	Micro SD version 1.1
External Connectivity	USB 2.0 OTG
Battery	Li-ion polymer, 1480mAh
Call Time**	Video: 2h, Voice: 9h
Standby Time**	120h
Dimensions(H x W x D)	4.9 x 2.3 x 0.7 in. (12.5 x 5.8 x 1.7 cm)
Weight	4.8oz (135g)
Temperature Range	Operation: 32 to 122 °F (0 to 50 °C) Relative humidity: 10%~85%

\* Optional \*\* It depends on WLAN device and its network structure.  
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<sup>1</sup> CCX (Cisco Compatible Extensions) is Cisco compatible specification version 4. ASD is Application Specific Device.  
Several features that are exclusively or primarily use in data applications are not required.