

Healthcare Provider
Expands Wi-Fi Applications

SQ-3500



Healthcare



Healthcare Provider Expands Wi-Fi Applications. Deploy one unified network to converge data, video and voice applications and reduce operation costs. Improve communications between doctors and nurses to enhance patient care. Facilitate network scalability to support facility expansion and integration of new Wi-Fi phone applications solution. UniData Wireless IP Phones make it possible for nurses to interact with patients and communicate with other medical staff quickly and easily. Simplified network management resulted in the consolidation of IT staff while improving efficiency and realizing huge time and cost savings. Direct communications with nurses expedited response time and decision-making, thus improving patient care.

SOFTWARE SPECIFICATION

- 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 Equivalent to CCX v4 ASD***
- Wireless Security**
WPA-PSK 802.1x EAP-MD5, EAP-TLS, PEAP, EAP-TLS*
WPA/WPA2 Personal and Enterprise
- Dynamic Network Binding**
Pre-configured 5 Network profiles (including instant network connection)
Wireless LAN Site Survey
Simple WLAN profile configuration for instant network connection
DHCP / Static IP
DiffServ (ToS) Tagging
STUN NAT Traversal
Automatic roaming between APs
Layer 3 hands-over
- Voice and video over IP**
RFC3261 SIP
Secure RTP for encrypted and authenticated media
Narrowband Voice Codec: G.711, G.729AB, G.726*, iLBC*, Speex*, GSM-AMR*
Wideband Voice Codec: G.722, G.722.2(AMR-WB)*, Speex Video Codec: H.263, H.263+, H.264, MPEG-4* : up to 30fps
OVGA
In-band DTMF / Out-of-band DTMF (INFO, RFC2833)
SIP MESSAGE
- Call Features**
3-way voice & video conference*
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) / Speed dial (99 records)
Distinctive ringing (by individuals and / or groups)
Search call history, or phone book search during a phone call
- Applications**
Simple HTML browser* (Google mobile, customizable multimedia service)
Network game over the phone*
RTSP based streaming service*
Alarm / Calendar / Unit Converter / Memo pad
MP3 Audio / H.264 Video Player
Digital Photo Frame
Digital steel camera
- Management**
Auto/Manual Upgrade (TFTP / HTTP / HTTPS)
Auto Provisioning (HTTP / HTTPS)
SNTP Time Synchronization
Syslog Remote Logging
Web server for user phone book configuration*

* Optional
*** CCX (Cisco Compatible Extensions) is Cisco compatible specification version 4 (Optional).
ASD is Application Specific Device. Several features that are exclusively or primarily use in data applications are not required. Specifications are subject to change without notice.

HARDWARE SPECIFICATIONS

- WIRELESS**
IEEE 802.11 a/b/g Supported
Frequency Band: 2.400 - 2.483GHz
5.15 - 5.25GHz, 5.725 - 5.850GHz
Data Rate: 1 - 54Mbps
Antenna Type: Dual-band Internal Antenna
- DISPLAY**
2.8" TFT 262k Colors LCD with Touch Panel
Resolution: 320x240 pixels
- CAMERA**
Front Side Camera: 300k pixels
CMOS Image Sensor for Video Call
Rear Side Camera: 3M pixels
CMOS Image Sensor for Video Call and Still Image
- POWER SUPPLY**
Battery: Li-Ion Polymer, 3.7V/1450mAh
AC Input: 100 - 240Vac, 50/60Hz
DC Output: 5Vdc/2A
- COMPLIANCE**
KCC, FCC, IC, CE, UL, RoHS
- HANDSET KEYS**
Call Control Key (Send, End, Clear)
5-Way Navigation Key
4 Soft Key
Number Key (0-9, *, #)
Volume Up/Down
- EXTERNAL CONNECTIVITY**
2.5c Stereo Headset Jack
Micro SD Card Slot (up to 8GB)
USB 2.0 FS
- DIMENSIONS**
Size: 4.9 x 2.3 x 0.7 in / 12.5 x 5.8 x 1.7 cm
Weight: 4.8oz / 135g (with Battery)
- TEMPERATURE RANGE**
Operation: 32 - 122°F / 0-50°C
Relative Humidity: 10% - 90%
- PACKAGE CONTENTS**
Handset, Battery Pack, Cradle, Power Supply, AC Cable, Quick Start Guide, User Manual

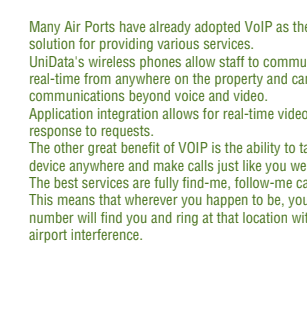


SQ-3000

Live video conference
at work, at home, even in bed



Air Port



Many Air Ports have already adopted VoIP as the preferred solution for providing various services. UniData's wireless phones allow staff to communicate in real-time from anywhere on the property and can expand communications beyond voice and video. Application integration allows for real-time video to improve response to requests. The other great benefit of VOIP is the ability to take your device anywhere and make calls just like you were at home. The best services are fully find-me, follow-me capable. This means that wherever you happen to be, your phone number will find you and ring at that location without airport interference.

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WMM for QoS
WMM-PS (U-APSD) ultra battery life Equivalent to CCX v4 ASD***
- Wireless Security**
WEP (64 /128 bits)
WPA-PSK 802.1x EAP-MD5, EAP-TLS, PEAP, EAP-TLS*
WPA/WPA2 Personal and Enterprise
- Dynamic Network Binding**
Pre-configured 5 Network profiles (including instant network connection)
Wireless LAN Site Survey
Simple WLAN profile configuration for instant network connection
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DC Output: 5Vdc/2A
- COMPLIANCE**
KCC, FCC, IC, UL, RoHS
- HANDSET KEYS**
Call Control Key (Send, End, Clear)
5-Way Navigation Key
4 Soft Key
Number Key (0-9, *, #)
Volume Up/Down
- EXTERNAL CONNECTIVITY**
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SQ-3100

The SQ-3100 Video Conference Handset Cradle extends the functionality of the SQ-3000 & SQ-3500 Video Conference Handset combining the convenience and mobility of a handheld with the functionality of a desktop phone



UniData Voice over Internet Protocol (VoIP) services offer your business the ability to unite and simplify its communications infrastructure. Whether your employees are located at headquarters, a remote office or even on-the-road, our unique VoIP capabilities instantly turn any place into work place. As your company grows, adding new capacity and capability is super-fast and easy. It is possible to just add new devices and software without adding or updating the wiring infrastructure or PBX. All of our phones have been tested with Asterisk, Avaya, Nortel, and Broad-soft, etc. Again, UniData dedication to QOS really is evident in every product they produce, from the superb sound quality, exceptionally smooth transition between access points, to the auto-provisioning capabilities that save a great deal of time when managing larger installations.

SMB (Small Medium Business)

SOFTWARE SPECIFICATION

- INTERFACE**
Docking Port for SQ-3000/SQ-3500
2 Port 10/100Base-T Ethernet
Handset Connector
2.5c Stereo Headset Jack
- LED INDICATION**
(Phone and Battery Pack)
Speaker-phone LED
MIC-mute LED
Video Disable LED
- POWER SUPPLY**
AC Input: 100 - 240Vac, 50/60Hz
DC Output: 5Vdc/2A
- KEYS**
Speaker-phone, MIC-mute, Video Disable, Volume Up/Down
- DIMENSIONS**
Size: 6.1 x 8.1 x 6.4 in / 15.5 x 20.5 x 16.2 cm
Weight: 24.9oz / 704g
- TEMPERATURE RANGE**
Operation: 32 - 122°F / 0-50°C
Relative Humidity: 10% - 90%
- PACKAGE CONTENTS**
Main-unit, Handset, LAN Cable, Power Supply, AC Cable, Quick Start Guide
- COMPLIANCE**
KCC, FCC, IC, CE, UL, RoHS
- OPTION**
Wall Mount Bracket
PoE(Power over Ethernet)

