

Airello™ Q-WiFi-Fone™

Wireless VoIP phone for SIP with GUI display

*Q-WiFi-Fone provides
an effective, reliable
mobile telephone communication system
for indoors and outdoors applications*



*Ideal for use in Corporate Offices, Restaurants,
Warehouses, Hospitals and Car Dealerships*

Q-WiFi-Fone wireless IP phone enhances productivity and allows greater mobility in the workplace.

Q-WiFi-Fone operates over intelligent IP network infrastructure with IEEE802.11b compliant wireless access points and allows the phone users to place calls across the existing data network with SIP protocol.

Features and Specifications

Signaling

- SIP (RFC3261)
- SDP (RFC2327)
- CODEC: G.711u/aLaw, G.729a/b, G.723.1a (optional)
- DTMF detection and relay
- Acoustic Echo Cancellation
- Silence Suppression
- Voice Activity Detection (VAD)
- Comfort Noise Generation (CNG)

Wireless

- IEEE 802.11b support
- Frequency band: 2.400 - 2.497 GHz
- Channel: FCC Ch1.11, ETSI Ch1.13, Japan Ch1.14
- Data Rate: 11/5.5/2/1 Mbps
- Sensitivity: -82dBm @ 11 Mbps
- Operating Range: Outdoor up to 300 m, Indoor up to 75 m
- Site Survey: Scan available access points in handset's environment
- Support infrastructure (public) mode and Ad-hoc mode (option)
- Compatible to most major access point manufacturer

Network

- IP address assignment: Fixed IP, DHCP client, PPPoE
- IPv6/IPv4, HTTP, TFTP, TCP, UDP, DNS, ARP, ICMP
- Tag VLAN support
- QoS support TOS/DiffServ
- NAT Traversal
- Direct IP-to-IP call

Management

- LCD screen displayed menu and keypad settings
- Built-in Web Configuration
- Support Auto-Configuration
- Direct Management using USB cable

Call Features

- Similar in operation to a cell-phone
- Make second call (first call on hold)
- Switch between first and second calls
- Transfer call
- Call waiting
- Call Return and Redial
- Call Forward
- Push-to-Talk
- Presence Awareness with SIMPLE

Applications

- Call Log
- Phonebook
- Network Game (Optional)

Security & Encryption

- WEP, WPA-PSK security
- 64/128 bit WEP encryption, AES, TKIP

Certification Compliance

- VCCI Class B
- ISO 9000

Hardware

- Dimensions (H x W x D): 131 mm x 47 mm x 11 mm
- Weight: 90 g
- Battery Capacity: 3.5 hours talk, 40 hours standby
- Display: 30 mm x 30 mm GUI LCD with 128x128, Backlight
- Buttons: 12 standard dialing keys (0-9, *, #) with characters, 4 soft keys, and 4 directional navigation + push stick key, Button-Lock key, Send/End/Clear keys
- Notification Ringer, Vibration
- Supported Ports: Headset or Earphone jack, USB port

