

WP589

WiFi SIP IP Phone



Charging with USB

LCD MENU



Slim and Compact design, weight 110 grams and dimension 130(H) x 48(w) x 18(T) mm.

WiFi Phone with desktop charging cradle

- Comply with IEEE 802.11 b/g WiFi client mode
- Support up to 4 Register Accounts at four SIP Servers
- Comply with SIP RFC3261 and any SIP Server, IPPBX
- Color LCD display with 160 hrs standby time
- Roaming among WiFi AP during talking
- Bilingual Display : English and Chinese
- Color : Black



WP589 is a WiFi client handheld SIP IP phone with color LCD display and Slim, Compact design. It links to IP network through WiFi AP which complies with IEEE 802.11 b/g standard. It is suitable for Internet Telephony Service provider, Office IP-PBX or home use Wireless phone.

Slim and Stylish IP Phone

WP589 is an SIP based IP Phone built-in WiFi b/g client mode to connect to IP network. It is easy to carry and convenience to call or answer once it was connected to WiFi AP no matter where you are. It looks like a Mobile phone, however, it is definitely an WiFi Phone.

Office IP-PBX Wireless Extension

Since WP589 is an SIP based IP Phone, it has to register to IP-PBX or ITSP Service provider platform. In office application, WP589 is an IP-PBX extension and you can carry with you like a mobile phone to make or receive a call no matter this call is via IP to IP or to PSTN land line. You don't miss any call when you link to WiFi and IP-PBX.

Rich Telephony Features

WP589 supports rich telephony features. The feature is similar to mobile phone and provide user friendly Icon to guide you to use it without reading user manual.

Cordless Phone

WP589 is also used as home cordless Phone. Most family has ADSL or Cable Modem with WiFi b/g AP. WP589 can link to this AP together with your PC, Notebook which access to internet at the same time. ITSP Service Provider provide a VoIP number to this WiFi phone and you can regard this phone as legend cordless phone but lower calling rate from ITSP Provider.



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WP589 WiFi SIP IP Phone

SPECIFICATION

Hardware Interface:

Microphone: 4.0mm (Φ) x 1.5mm, sensitivity: -42dB

Receiver: 32Ω, rated sine power: 10mW

Speaker: 8Ω, rated sine power: 0.5W

Navigation Keys

Vibrator : Support

I/O Connector: Standard 5pin mini USB

Charge mode: CC mode, CV mode, recharge mode

USB Charging : Support

Battery Capacity : 1000 mAh

Charging time : 3 hrs

Standby Time : 160 hrs

Talk Time : 6 hrs

Power Adaptor:

- INPUT: AC100V~240V, 50/60Hz

- OUTPUT: DC 5V, 0.5A

LCD Display:

View Size: 1.44-inch

LCD Type: 65K CSTN,

Resolution: 128 x 128 pixels

Language : Both **English and Chinese**

Wireless Specification :

Internal Antenna

Operation Mode : IEEE 802.11b/g client

Transmit Power :

IEEE 802.11b: typical 15dBm, maximum 17dBm

IEEE 802.11g: typical 12dBm, maximum 15dBm

Receive Sensitivity :

IEEE 802.11b (11M): -83dBm

IEEE 802.11g (54M): -68dBm

WiFi Security : WEP 64, WEP 128, WPA-PSK, WPA2-PSK (TKIP and AES)

Wireless Features: Layer 2 intelligent roaming algorithm, WMM / WMM-PS

IP Network connection

IPv4 (RFC 791)

MAC Address (IEEE 802.3)

Static IP

DHCP Client (RFC 2131)

DNS Client

NTP Server

TCP/UDP (RFC 793/768)

RTP/RTCP (RFC 1889/1890)

IPV4 ICMP (RFC 792),

SIP Protocol :

RFC3261 compliance

Support up-to 4 SIP Register Accounts (Register one account at one time)

SIP UDP Protocol

MD5 Digest Authentication

Message Waiting Indication (RFC3842)

Support DNS SRV to locate SIP Server (RFC 3263)

Audio Codec :

G.711 A-law/μ-law, G.729

Silence Suppression

VAD/CNG

Automatic Gain Control

In-band/out of band DTMF (RFC 4733 (RFC 2833)/SIP INFO)

Adaptive/Configurable Jitter Buffer

Acoustic Echo Cancellation

Volume Adjustment

Call Features :

Call history:

Dialed call, Missed call, Received call, Call duration

Call Hold

Call Mute

Call Transfer

Call waiting

Call Forward

Speaker Phone Mode

Phone Book: 200 records, support speed dial and group

Contact List : 200 records

Group Number : 50

Phone Profile : 5 sets

Ring Tone: Support 64-Chords polyphonic MIDI and MP3

Caller ID display

Speed Dialing

Call Waiting/Switching between Calls

Others :

Wallpaper: Support JPEG and BMP format

Icon indicators: WLAN status, SIP server status, battery level

Organizer: Alarm, calendar, world clock, calculator

My phone info.: Phone number, firmware version, MAC address

Flight Mode

Vibration Mode

Auto Keypad Lock

FTP firmware upgrade

Reset to Default

Environmental :

Dimension: 130(H) × 48(W) × 18(T) mm

Weight: 0.4 kg (One unit with packing)

Operating Temp. & Humidity

- Temp.: 0°C~45°C (32°F~113°F)

- Humidity: 10%~90% relative humidity, non-condensing

Approvals:

CE, FCC, LVD and RoHS

Country of origin:

Made in Taiwan

Packing Accessories

WP589 WiFi Phone x 1 pcs

AC to DC 5V Power adaptor x 1 pcs

USB Cable x 1 pcs

Battery 1000mAh x 1 pcs (NOKIA Mobile battery compatible)

CD User Manual

Warranty : One Year