

WP589

WiFi SIP IP Phone



Charging with USB

LCD MENU LIST



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

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

Bilingual Display : English and Chinese

Color : Black

WiFi Phone with desktop charging cradle



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.



Welltech Computer Co., Ltd.

13F-4, No.150, Jian Yi Rd., Chung Ho City, Taipei, Taiwan
Tel : +886.2.8226.5699 Fax : +886.2.8226.5799
Email : voipinfo@welltech.com WEB: www.welltech.com

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),
TFTP Client
HTTP Server

SIP Protocol :

RFC3261 compliance
Support up-to 4 SIP Register Accounts
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:
Dialled 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
CD User Manual

Warranty

One year