Wireless-G IP Phone

Mobile WiFi Phone for VoIP Service

Make Low-Cost High Quality VoIP Calls On Your Wireless-G Network.

Easy, Secure Setup on WiFi Network (with SES)

Superior Range and Performance with 802.11g

Intuitive User Interface

Model No. **WIP300**

PRODUCT DATA	• Support SIP v2 Standards
	• Compliance with IEEE 802.11b/g Wireless Standard
Model No.　**WIP300**	• High Resolution Color LCD screen
	• 50 hours standby time, 3 hours talk time on average**
Features	• Backlit Keypad
	• Intuitive User Display
	• RF and Battery Level Indication
	• WiFi Site Survey Tool
	• Connection Status Button
	• USB Charger Interface

**Batteries are rechargeable and have a limited number of charge cycles. The batteries may eventually need to be replaced. Battery life will vary from the stated average by usage, configuration and environment.

Package Contents	• Handset
	• USB Power Adapter
	• Li-ion Battery
	• Quick Install Guide
	• User Guide on CD-ROM
Minimum Requirements	• Internet Connection (cable/DSL/other)
	• Wireless Router / Access Point with DHCP server
	• Activated VoIP Service

Specifications

Model	WIP300
Standards	802.11b, 802.11g
Band	2.4GHz
Transmit Power	12.5 dBm for 802.11g / 16.6 dBm for 802.11b
Radio Range	Outdoors up to 200m, Indoors up to 75m via Embedded Antenna
External interface	One USB 1.1 port, 2.5mm standard 4 segment Ear Phone Jack
Display	1.8 inch TFT, LCD (128 x 160 pixels) with 65K colors
Memory	16MB Flash, 12MB SRAM
WiFi Account Support	Multiple Access point Registration Support
Network Protocols	TCP/UDP/IP, IPV4, DNS, SDP, ARP, ICMP, DHCP Client, Static IP, PPPoE
Security	WEP, WPA,WPA2,TKIP
Voice Protocols	SIP v2 Session Initiation Protocol (RFC3261)
	SIP Session Keep Alive
	Multiple SIP Account Support
Voice Codec's	G.711(A-law and µ-law), G.729 A/B
DTMF Transmission	In-band, Out-band (RFC2833)
Voice Quality	G.168 Echo Cancellation
	Jitter Buffer Control
	CNG - Comfortable Noise Generation
	Speaker and Microphone Volume Control
	Silence Suppression
	VAD - Voice Activity Detection
Telephony and Supplementary Services	Call Hold and Resume
	Caller ID Presentation
	Dial by Phone Number
	Call Forward
	DTMF Tone Detection and Generation
	Call Transfer
	Call Waiting and Retrieve
	Mute
	Speed Dial
	Last Number Redial
	Volume Control
	Vibrator (Silent mode)
	Password Security
	Phone Book (200 Records)
	Call History (20 Records)
	POP3/SMTP Email Access (optional)
	Ring tones: True Tones,
	Selectable Wallpaper Background
	Language - English
Management features	AES Encryption
	Embedded Web configuration interface (with password protection)
	Firmware upgrade through HTTP over WiFi
	Configuration file backup and restore

Environmental

Dimensions	45 x 118 x 19.7x mm (1.77 x 4.65 x 0.78 in)
Unit Weight	0.1 kg (3.53 oz)
Power	900mAh Li-ion Battery, AC Adapter
Certification	FCC, CE
Operating Temp.	0ºC to 40ºC (32ºF to 104 ºF)
Storage Temp.	-20ºC to 65ºC (-4ºF to 149 ºF)
Operating Humidity	10% to 85% relative humidity, non-condensing
Storage Humidity	10% to 95% non-condensing

The Linksys WIP300 Wireless-G IP Phone enables high-quality voice over IP (VoIP) service through a Wireless-G network and high-speed Internet connection. Connect at home or your office, and make low-cost phone calls through your Internet Telephony Service Provider.

The WIP300 Wireless-G IP Phone operates in the 2.4GHz band, supports 802.11g and the latest VoIP SIP protocols. The large, full-color high resolution display features an intuitive user interface enabling users to easily and quickly configure the handset using Secure Easy Setup (SES).

SES is a fast, secure way of connecting the WIP300 Wireless-G IP Phone to a Linksys Wireless-G broadband router. Just press the associated SES button on both devices and your connection will automatically be configured and secured with a custom SSID using powerful WPA (Wi-Fi Protected Access) encryption. That's it! Within seconds you have successfully set up a secure connection.

Get the value of low-cost VoIP service with the convenience of Wireless-G connectivity with the Wireless-G IP Phone from Linksys.

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