

Wireless-G IP Phone for VoIP Service

The Linksys WIP310 Wireless-G IP Phone enables high-quality voice over IP (VoIP) service through a Wireless-G network.

The WIP310 Wireless-G IP Phone operates in the 2.4GHz band, supports 802.11b/g 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 with network access using WiFi Protected Setup (WPS).

WPS is a fast, secure way of connecting the WIP310 Wireless-G IP Phone with any standards based Wireless-G broadband router. Just press the WPS button and your connection will automatically be configured and secured with a custom SSID using powerful WPA (WiFi Protected Access) encryption. Within seconds you have successfully set up a secure connection.

The WIP310 utilizes the same trusted and proven Linksys provisioning capabilities presently being used to deploy other popular Linksys Voice Products on a massive scale. Customers purchasing VoIP service from the service provider and using the WIP310 can be quickly provisioned via a WiFi connection where their configuration profile is received securely right to the handset using TFTP, HTTP, or HTTPS.

The included telephone base accentuates the appealing, modern design of the handset and provides hands-free convenience when using the built-in speakerphone. The WIP310 supports many features such as caller ID, call forwarding, call transfer, 3-way conferencing and can store 200 records in its phonebook.

Benefit with low-cost VoIP service with access to any Wireless-G network using the Wireless-G IP Phone from Linksys.

DATASHEET

Low-Cost High Quality VoIP Calls over a WiFi Network

Easy, Secure Setup on WiFi Networks with industry-standard WPS

Superior Range and Performance with 802.11g

Quick Provisioning capabilities for mass-scale Service Provider activation



Wireless-G IP Phone

Model: WIP310

Features

- Support SIP v2 Standards
- Compliance with IEEE 802.11b/g Wireless Standard
- WiFi Protected Setup (WPS)
- WMM QoS (802.11e)
- SMS (Short Message Service)
- Around 3 Hours Talk Time; Around 40 Hours Standby Time on average (Home)**
- Easy Configuration via Web GUI or Linksys Auto Provisioning
- Backlit Keypad and Display
- Multi-profile WiFi Support
- Visual Voice Mail Indicator
- NAT Passthrough/STUN Support
- USB Charger Interface
- Polyphonic Ring Tone
- User Downloadable Ring Tones
- Speakerphone

Specifications

Model	WIP310
Band	2.4GHz
Transmit Power	13 dBm for 802.11g / 15 dBm for 802.11b
Radio Range	Outdoor: up to 100m-300m, Indoor: up to 25m-100m
Antenna	PIFA
External interface	One USB Port (1.1 and 2.0), 2.5m Standard 4 Segment Ear Phone Jack
Display	1.8 inch TFT, LCD (128 x 160 pixels) 65K Colors, Backlit
Memory	32MB NAND Flash + 32MB SDRAM
Network Protocols	TCP/UDP/IP, IPV4, DHCP Client
WiFi Features	802.11b, 802.11g WMM (802.11e)
Wireless Security	64- and 128-bit WEP Encryption WPA Personal WPA2 Personal WPS
Voice Protocols	SIP v2 Session Initiation Protocol (RFC3261) SIP Reliable 1xx Response (RFC3262) SIP SRV Lookup (RFC3263) SIP Offer/Answer Model (RFC3264) SIP Subscribe/Notify Framework (RFC3265) STUN (RFC3489) SIP Message Waiting Indication (RFC3842) SIP Refer (RFC3515) SIP Info (RFC2976) SIP Message Method for Text Messaging (RFC3428) SDP (RFC2327) DNS SRV (RFC2782) RTP (RFC1889) HTTP Authentication (RFC2617)
Voice Codecs	G.711u, G.711a, G.726 (at 32 kbps only), G.729ab
DTMF Transmission	DTMF events over RTP (RFC2833)
Voice Quality	Acoustic Echo Cancellation (AEC) Automatic Gain Control (AG) Adaptive Jitter Buffer Packet/Frame Lost Concealment Adjustable Audio Frames Per Packet
Call Control*	Caller ID Call Mute Call Hold / Resume Call Forward (Conditional, Unconditional, Busy or No Answer) Call Transfer (Attended or Blind) Call Waiting Call Blocking Do Not Disturb Shared Call Appearance (SCA) 3-way Conferencing with local mixing Auto-Answering Media Loop Back (MLB) Call Parking and Unparking IP Dialing Secure Calls Integrates with Linksys Voice System (LVS) * Some features may require support by call server
Phone Features	Speaker Phone Button Local Phone Book Dial from Call History



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Linksys products are available in more than 50 countries, supported by 12 Linksys Regional Offices throughout the world. For a complete list of local Linksys Sales and Technical Support contacts, visit our worldwide website at www.linksys.com

SMS (Short Message Service)
Web Services (Weather / Stock Quote / Local Search)
User Downloadable Ring Tones
Key Lock
WiFi AP Site Survey
Voice / Data Statistics
Speed Dial
Clock
Phone Book (200 Records)
Call History (20 Records)
Management features Embedded Web configuration interface (with password protection)
Auto Provisioning via TFTP/HTTP/HTTPS
Configuration changes via MMI or Web GUI
Remote Firmware Upgrade via TFTP/HTTP/HTTPS
Secure, Remote Provisioning capabilities for mass-scale Service Provider Activation
Documentation: Quick Installation Guide
User Guide
Administration Guide
Provisioning Guide (Service Providers Only)

Environmental

Dimensions 1.71" x 5.85" x 1.00" (43.5 x 148.7 x 25.3 mm)
Weight 3.88 oz (110 g)
Charger Mini USB AC adapter AC100 ~ 240V Input, 5V/1.0A DC Output
Power Li-Ion 3.7V 860mAH Battery, AC Adapter
**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.
Certification FCC, CE, WiFi
Operating Temp. 32 to 104°F (0 to 40°C)
Storage Temp. -4 to 149°F (-20 to 65°C)
Operating Humidity 10 to 80% Noncondensing
Storage Humidity 10 to 95% Noncondensing

Package Contents

- Handset
- Phone Cradle
- Power Adapter
- Li-ion Battery
- USB Cable
- Quick Install Guide

Minimum Requirements

- Internet Connection (cable/DSL/other)
- Access to WiFi Network
- Activated VoIP Service

The maximum performance for wireless is derived from IEEE Standard 802.11 specifications. Actual performance can vary, including lower wireless network capacity, data throughput rate, range and coverage. Performance depends on many factors, conditions and variables, including distance from the access point, volume of network traffic, building materials and construction, operating system used, mix of wireless products used, interference and other adverse conditions. The WIP310 does not support Access Point to Access Point roaming within the same network. Simultaneous, active calling and WiFi roaming between access points is not supported.

Check the product package and contents for specific features supported. Specifications are subject to change without notice.



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Model: **WIP310**