

High-Speed Wireless Access for Exterior Environments!



The Linksys Wireless-G Exterior Access Point lets you connect Wireless-G (802.11g) or Wireless-B (802.11b) devices to your wired network so you can add PCs to the network with no cabling hassle. This weather-proof Access Point creates a "wireless bubble" in exterior spaces, like patios, pool areas, and outdoor cafés. Power over Ethernet support makes it easy to install, and you can create multiple SSIDs (up to eight) that connect to individual VLANs to keep your traffic separated.

It's also perfect for use as a bridge, a kind of "cable-less cable" to connect remote areas together. Maybe your warehouse is in a separate building from your offices. Or maybe you need to connect the separate buildings of a college campus. With one Wireless-G Exterior Access Point on each building, you're connected at 54Mbps – with no cable to run. The exterior-rated case protects the access point, and contains an internal antenna.

To protect your data and privacy, the Wireless-G Exterior Access Point supports both Wired Equivalent Privacy (WEP) and the industrial-strength wireless security of Wi-Fi Protected Access™ (WPA), encoding all your wireless transmissions with powerful encryption. The MAC Address filter lets you decide exactly who has access to your wireless network, and advanced logging and emailed intrusion alerts keep you apprised. Configuration is a snap with the web browser-based configuration utility.

The Linksys Wireless-G Exterior Access Point is the best way to add wireless access to the outdoor areas of your home or business.

Add high-speed Wireless-G access to the exterior areas of your wired home or small business network

Data rates up to 54Mbps in Wireless-G (802.11g) mode, or 11Mbps in Wireless-B (802.11b)

Weather-proof housing, internal high-gain antenna, and Power-over-Ethernet enable safe, simple, exterior installations

Advanced security with WPA encryption (both WPA-Enterprise and WPA-Personal), logging, and wireless intrusion protection

Wireless-G Exterior Access Point



Product Data

Wireless-G

Exterior Access Point

Features

- NEMA rated, lightning protected, weather proof housing
- Built-in directional antenna
- Supports 802.3af Power over Ethernet (PoE)
- Security Features: 802.1x/ RADIUS Authentication, Multiple SSID to VLAN mapping for client isolation

Package Contents

- Wireless-G Exterior Access Point
- User Guide on CD-ROM
- Mounting Plate with Hardware
- Quick Install
- 12' Network Cable
- Registration Card

Minimum Requirements

Hardware

- 802.11b or 802.11g Wireless Adapter with TCP/IP Protocol Installed per PC or
- Network Adapter with Ethernet Network Cable and TCP/IP protocol installed per PC
- AC wall power or Switch/Router with Power over Ethernet (PoE) support or POE injector

Software

- Web-based configuration: Java-enabled web browser

Linksys
A Division of Cisco Systems, Inc.
18582 Teller Avenue
Irvine, CA 92612 USA

E-mail: sales@linksys.com
support@linksys.com

Web: <http://www.linksys.com>

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 Web Site at www.linksys.com.

Specifications

Model Number
Standards

WAP54GPE
802.11g, 802.11b, 802.3 (10M Ethernet), 802.3u (100M Ethernet), 802.3af (PowerOverEthernet), 802.1p (QoS Priority), 802.1q (VLAN), 802.1x (Security Authentication), 802.11i - Ready (Security WPA2), 802.11e - Ready (Wireless QoS)
1 RJ-45, 1 Power, 1 External Antenna
Reset
UTP CAT 5
Power, Link, Activity
System Memory 8MB flash, 32MB RAM

Setup/Config

Web UI
Static IP
DHCP client

Built in Web UI for easy browser-based configuration (HTTP/HTTPS)
Supports Fixed (static IP)
Supports DHCP client

Management

SNMP Version 1, 2c
Event Logging
Firmware upgradeable through Web-browser
Diags: Flash, RAM, LAN, WLAN

Operating Modes

Access Point
Point-to-Point Bridge
Point-to-Multipoint Bridge
Repeater

Wireless

Radio and modulation type: 802.11.b DSSS, 802.11.g OFDM
Data Rates Supported 11b: 1, 2, 5.5, 11 Mbps, 11g: 6, 9, 11, 12, 18, 24, 36, 48, 54 Mbps
Operating Channels: 11 North America, 13 Europe (ETSI and Japan)
Embedded 2.4 Ghz Directional antenna: Peak Gain 8dBi
Optional External antenna: N-type connector
Transmit Power (Adjustable) @ Normal Temp Range: 802.11.g: Typical - 14dBm, 802.11.b: Typical - 18 dBm
Receiver Sensitivity: 802.11.g: 54Mbps@ -69dBm, 802.11.b: 11Mbps@ -82dBm

Security

WPA Security, 64/128-bit WEP Encryption, WPA-TKIP/AES
802.1x - RADIUS (MD5, SHA1, TLS, TTLS, PEAP) Dynamically varying encryption keys, HTTPS
Access Control List (ACL) capability: MAC-based
Port-based MAC address filtering

Wireless Security

SSID broadcast enable/disable
Supports multiple SSIDs with 802.1q VLAN mapping to create separate, secured networks with wireless client isolation

Environmental

Dimensions	6.42" x 8.07" x 2.17"
W x H x D	(163 mm x 205 mm x 55 mm)
Unit Weight	2.5 lbs. (1.14 kg)
Power	48v DC
PoE in	Powered by 802.3af Power over Ethernet (PoE)
Certifications	FCC, IC-03, CE
Operating Temp.	-4°F to 140°F (-20°C to 60°C)
Storage Temp.	-4°F to 140°F (-20°C to 60°C)
Operating Humidity	5% to 95% Non-Condensing
Storage Humidity	5% to 95% Non-Condensing
Warranty	3-Year Limited

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