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-resistant Access Point creates a “wireless bubble” in exterior spaces, like patios and outdoor cafés. Power over Ethernet support makes it easy to install, and you can create multiple BSSIDs 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 up to Wireless-G speeds—with no cable to run. The weather-resistant housing protects the access point and is lightning protected.

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 keeps you apprised. Configuration is a snap with the web browser-based configuration utility.

RangeBooster technology is a compatible add-on to standard Wireless-G which increases your wireless network’s range up to two times, and its throughput by up to 35%. Unlike ordinary wireless technologies that are confused by signal reflections, RangeBooster uses two smart receivers at each end to detect and decode reflected signals at distances where standard technologies give up. You’ll find that “dead spots” in the wireless coverage area are reduced, too.

Moreover, the integrated QoS features provide consistent voice and video quality on both the wired and wireless networks, enabling the deployment of business quality VoIP and video applications.

Additional features like Multiple BSSIDs, Wireless Roaming, and Auto-Channel selection, make this solution ideal for your Business.
Wireless-G Exterior Access Point with Power over Ethernet

**Specifications**

**Model**
WAP200E

**Standards**
IEEE802.11g, IEEE802.11b, IEEE802.3, IEEE802.3u, IEEE802.3af (Power over Ethernet), 802.1Q (VLAN), 802.1X (Security Authentication), 802.11i - Ready (Security WPA2), 802.11e - Ready (WMM & U-APSD), 802.11F (Wireless Roaming)

**Ports**
1 Ethernet, 1 External Antenna

**Buttons**
Reset

**Cabling Type**
UTP CAT 5

**LEDs**
Power, Ethernet, Wireless

**Operating System**
Linux

**Setup/Config**

**Web UI**
Built-In Web UI for Easy Browser-Based Configuration (HTTP/HTTPS)

**Static IP**
Yes

**DHCP Client**
Yes

**Management**

**SNMP Version**
1, 2 and 2c

**Event Logging**
Yes

**Web F/W Upgrade**
Yes

**Diags:**
Flash, RAM, LAN, WLAN

**Operating Modes**

**Access Point**
Access Point Mode, Point-to-Point Bridge Mode, Point-to-Multipoint Bridge Mode, Repeater Mode

**Wireless**

**Spec/Modulation**
802.11b/DSSS, 802.11g/ODFM

**Data Rates**
802.11b: 1, 2, 5.5, 11 Mbps; 802.11g: 6, 9, 11, 12, 18, 24, 36, 48, 54 Mbps

**Channels**
11 North America, 13 Europe (ETSI and Japan)

**Auto-Channel Selection**

**Number of Internal Antennas**
2 x 6 dBi (directional)

**Antenna Connector Type**
Reverse Polarity Female N-Type

**Detachable Antenna**
Yes (sold separately)

**RF Power (EIRP) in dBm**
802.11g: Typical – 16.5 dBm, 802.11b: Typical – 17 dBm

**Antenna Gain in dBi**
Internal Antenna: 6 dBi

**Adjustable Power**
Yes

**Receiver Sensitivity**
802.11g: 54 Mbps@ -65 dBm, 802.11b: 11 Mbps@ -85 dBm

**Security**

**WEP/WPA/WPA2**
WEP, WPA-PSK, WPA2-PSK, WPA-ENT, WPA2-ENT

**Connection Control**
Wireless Connection Control: MAC-Based

**SSID Broadcast**
SSID Broadcast Enable/Disable

**802.1X**
IEEE 802.1X Support

**Wireless Client Isolation**
Wireless Client Devices Can Be Isolated from Each Other Either Within an SSID or Between Two SSIDs. However, Both Isolation Modes Can Be Enabled at the Same Time.

**Web-Based Utility**
HTTP/HTTPS, Wireless Client Web GUI Access Control

**Wireless Security**

**WEP Bits**
64, 128

**WPA Bits and Params.**
128 - TKIP/AES

**WPA2 Bits and Params.**
256 - AES

**SSID Broadcast On/Off**
Yes

**Features**

- Lightning protected, weather-resistant housing
- 10Base-T/100Base-TX Ethernet port, autosensing half/full duplex and MDI/MDI-X
- Built-in 6-dBi directional antenna with 1x2 MIMO to increase coverage
- Obtains power via 802.3af Power over Ethernet (PoE) from a PoE switch or power injector
- Simplified Web interface for installation and configuration
- Security Features: 802.1X/ RADIUS Authentication
- Supports WEP, WPA-PSK, WPA2-PSK, WPA-ENT, WPA2-ENT wireless security
- Supports 4 BSSID and 802.1Q VLAN to SSID mapping
- Supports SNMP and intuitive Web-based interface
- WMM wireless QoS support
- Supports wireless roaming based on 802.11F (IAPP)
- Supports AP, Bridge Mode and Repeater mode
- Supports wireless security monitoring (working together with 200 series client cards)
- Supports wireless client isolation
- 3 Year limited warranty
Client Isolation: Yes
MAC-based Wireless Connection Control: Yes
Wireless Web GUI Access On/Off: Yes

Quality of Service

QoS: 4 Queues
WMM Wireless Traffic Prioritization

General

Wireless Roaming Based on IAPP (802.11F)
Auto-Channel Selection

Environmental

Dimensions: 6.42” x 8.07” x 2.17”
W x H x D: (163 x 205 x 55 mm)
Unit Weight: 2.47 lb (1.121 kg)
Mounting options: Industrial-Strength, weather-resistant housing, lightning protection for outdoor enclosure, ceiling- or wall-mountable
Power: 48VDC
Max Power Draw: 4.8 W
PoE In Y/N: Yes
Certification: FCC, IC, CE
Operating Temp.: -4 to 140°F (-20 to 60°C)
Storage Temp.: -4 to 140°F (-20 to 60°C)
Operating Humidity: 5 to 95%, Noncondensing
Storage Humidity: 5 to 95%, Noncondensing

Package Contents

- Wireless-G Exterior Access Point with Power over Ethernet
- User Guide on CD-ROM
- Mounting Plate with Hardware
- 12-ft Weather-Resistant Network Cable
- Registration Card

Minimum Requirements

- 802.11b or 802.11g Wireless Adapter with TCP/IP Protocol Installed per PC
- Switch/Router with Power over Ethernet (PoE) Support or PoE Injector
- Web-Based Configuration: Java-Enabled Web Browser