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High-speed wireless access for existing networks!

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.

The Advanced security features makes this solution ideal for your Business. Advanced wireless security using Wi-Fi Protected Access™ (WPA2 Enterprise) with up to 256-bit encryption, and the new Wireless Security Monitoring functionality gives your business the visibility and protection it needs. Used when Linksys 200-Series Wireless Adapters are present, the Wireless Security Monitoring functionality alerts you of possible wireless intruders, vulnerabilities in the wireless deployment, and visibility into Denial of Service attacks.

The Linksys WAP200 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. Power over Ethernet support makes it easy to install – you can mount the Access Point anywhere, even without ready access to a power plug. With appropriate Power over Ethernet support at the other end, you only need to run one cable to the Access Point to deliver both data and power. Of course, you can also use the included AC adapter if your installation point has power available nearby.

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.

Standards-based PoE (IEEE 802.3af) or External DC power

RangeBooster technology for up to twice the range, reduced dead spots, and up to 35% more throughput than standard Wireless-G

Advanced wireless security using Wi-Fi Protected Access (WPA2) with up to 256-Bit encryption, and new Security Monitoring feature gives your business the visibility and protection it needs

Support for WMM provides improved QoS over wireless connections for better video and voice performance



WAP200

PRODUCT DATA

Wireless-G Access Point with Power Over Ethernet and RangeBooster

BUSINESS SERIES

Model: WAP200

Features

- 10BASE-T/100Base-TX Ethernet port, autosensing half/full duplex & MDI/MDI-X
- Full backwards compatibility with 802.11b
- Easy installation and configuration
- Supports WEP, WPA-PSK, WPA2-PSK, WPA-ENT, WPA2-ENT authentication (802.11i ready)
- SMA detachable dipole antennae with 1x2 MIMO to increase coverage
- Supports Power over Ethernet (PoE) or external DC power
- Supports 4 BSSID and 802.1Q VLAN to SSID mapping
- Supports SNMP and intuitive web-based interface
- WMM wireless QoS support - upgradeable to 802.11e
- 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

PRODUCT DATA

BUSINESS SERIES

Wireless-G Access Point with Power Over Ethernet and RangeBooster

Specifications

Model	WAP200
Standards	IEEE802.11g, IEEE802.11b, IEEE802.3, IEEE802.3u, IEEE802.3af (Power Over Ethernet), 802.1p (QoS priority), 802.1q (VLAN), 802.1X (Security Authentication), 802.11i - Ready (Security WPA2), 802.11e - Ready (Wireless QoS), 802.11F (Wireless Roaming)
Ports	10BASE-T/100BASE-TX Ethernet, 12 VDC Power
Buttons	Reset
Cabling Type	UTP CAT 5
LEDs	Power, PoE, Wireless, Ethernet
Operating System	Linux

Setup/Config

WebUI	Built-in Web UI for Easy Browser-based Configuration (HTTP/HTTPS)
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Management

SNMP Version	SNMP Version 1, 2c, 3
Event Logging	E-mail Notification Remote Syslog
Web F/W upgrade	Firmware Upgradable Through Web-Browser
Diagnostics: Flash, etc.	Diagnostics: Flash, RAM, LAN, WLAN
DHCP	DHCP Client

Operating Modes

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

Spec/Modulation	Radio and Modulation Type: 802.11b/DSSS, 11g/OFDM
Channels	Operating Channels: 11 North America, 13 Most of Europe (ETSI and Japan) 2 (Omni-Directional) SMA detachable
# of External Ant.	Transmit Power (Adjustable) @ Normal Temp Range: 11b - 18~19 dBm; 11g - 14~15 dBm
Transmit Power	2
Antenna Gain in dBi	11.g: 54 Mbps@ -72 dBm, 11.b: 11 Mbps@ -85 dBm
Receiver Sensitivity	

Security

WEP/WPA/WPA2	WEP 64-Bit/128-Bit, WPA-PSK, WPA2-PSK, WPA-ENT, WPA2-ENT
Access 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
Wireless Security Monitor	Scan and Classify Wireless Devices in the Network Report New Client and AP joining Network and Suspicious Network Events (Works together with 200 Business series client adapters): <ol style="list-style-type: none">1. Intrusion Alarms (e.g., Rogue Client Detected, Spoofed MAC address)2. Denial of Service Alarms (e.g., Duration Attack, Association Table Full)3. Vulnerability Alarms (e.g., AP is not using encryption, AP is broadcasting SSID)4. Other Alarms (e.g., Low speed connection)

Quality of Service

QoS	4 Queues WMM Wireless Priority
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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

PRODUCT DATA

BUSINESS SERIES

LINKSYS®
A Division of Cisco Systems, Inc.

General

Wireless Roaming Based on IAPP
Auto-channel Selection

Environmental

Dimensions	6.69" x 8.07" x 7.68"
W x H x D	170 x 205 x 195 mm
Unit Weight	0.88 lb (0.4 kg)
Power	12V 1A DC Input, and IEEE 802.3af Compliant PoE Max Power Draw: 3.36 W
Certification	FCC, ICES-003, CE
Operating Temperature	32 to 104°F (0 to 40°C)
Storage Temperature	-4 to 158°F (20 to 70°C)
Operating Humidity	10 to 85% Noncondensing
Storage Humidity	5 to 90% Noncondensing

Package Contents

- Wireless-G Access Point with Power Over Ethernet and RangeBooster
- 2 x SMA detachable Dipole antenna
- User Guide on CD-ROM
- Ethernet Network Cable
- Power Adapter
- Product Stands
- Registration Card

Minimum Requirements

- 802.11b, 802.11g Wireless Adapter With TCP/IP Protocol Installed Per PC
- Switch/Router with Power Over Ethernet (PoE) Support Or PoE Injector when used with PoE
- Web-Based Configuration Java-Enabled Web Browser

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.

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



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Model: WAP200