



BWAPG1000

Specifications

Standards:

IEEE Std 802.11g-2003
IEEE Std 802.11b-1999
IEEE 802.3 WPA version II
IEEE 802.3u
IEEE Std 802.3af

Interface:

WLAN: IEEE802.11b/g
LAN: 2x 10/100Mbps
RJ45, auto MDI
1x PoE 11.5W
Antenna: 1x R-SMA
DC power
Reset button

Transfer Data Rates:

802.11b: 1, 2, 5.5, 11
802.11g: 6, 9, 12, 18, 24, 36, 48, 54
Mbps, with auto-fallback

Modulation Type:

802.11b: CCK
802.11g: OFDM

Channels/Frequency Range:

11 Ch (2.412-2.462GHz) USA
13 Ch (2.412-2.472GHz) Europe
14 Ch (2.412-2.83GHz) Japan

Transmit Output Power:

Peak to antenna port
802.11b: 29 dBm \pm 1dB
802.11g: 27 dBm \pm 1dB

Receive Sensitivity:

802.11b	1Mbps	-95dBm
	11Mbps	-90dBm
802.11g	6Mbps	-92 dBm
	54Mbps	-73 dBm

Antenna Type:

Detachable di-ole, 3 dBi, R-SMA

Features

WLAN Security:

WEP with 64/128-bit of key
WEP with 802.1x/RADIUS
Authentication
WPA with 802.1x/RADIUS
Authentication & key
Management
WPA with Pre-Shared Key (PSK)
MAC filtering (300 addresses)
WPA2 Radius

Network Security:

Layer 2/3/4 access control

Other Features:

PoE enabled
Quad SSID
Intra SSID
Inter SSID
Hide SSID
WDS Bridge/Repeater
IP/Ethernet
DHCP server DHCP/BOOTP client
Virtual server
VLAN support
WiFi multimedia
SNMP v3

Configuration / Management:

Web-based UI with easy setup wizard
CLI-like Telnet UI

Compliance:

UL 60950 (USA and Canada)
FCC Part 15.247 Class B

LEDS:

System:	Power/Fault
LAN:	Link/Activity
WLAN:	Link/Activity

Power Supply

5 Vdc @ 0.3 A

Temperature:

Operating: 0° C to 30° C
Storage: -20° to 70° C

Humidity:

10%-90%, Non-condensing

Dimensions (without antennas):

7.5 x 6 x 1.25 inches

Weight:

1 lb (450gm)

Housing:

Extruded Aluminum
Housing for Indoor Use Only

Operating Range:

Due to an increase of transmit power and sensitivity, range will be 2 to 4 times that of standard access points. Ranges vary based upon numerous environmental factors and unit configuration. Individual performance may vary significantly

Minimum System Requirements:

200 MHz or Faster Processor
64 MB of RAM
Internet Explorer 4.0 or Netscape Navigator 4.7 or higher for web-based configuration
CD-ROM Drive
Windows 98SE, Me, 2000 or XP
Mac OS X