



Bountiful® Wi-Fi Lightweight Access Point BWLWAPG 1000

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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
IEEE Std 802.11 e/WMM
IEEE Std 802.11k Neighbor report assisted roaming
IEEE Std 802.11r Fast BSS transitions for seamless roaming
IEEE Std 802.11d, e, h, i, w
IEEE Std 802.1Q

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

Features

WLAN Security:

WEP with 64/128-bit of key
802.1X Radius
WPA-PSK
WPA2-PSK Enterprise
Captive Portal (BWRACWALL support)
Splash page (BWRACWALL support)
VLAN per SSID
[\(see BWRACWALL for more security features\)](#)

Network Security:

[\(BWRACWALL supported\)](#)

Other Features:

PoE
Quad SSID
Intra SSID
Inter SSID
Hide SSID
WDS Bridge/Repeater
IP/Ethernet
Virtual server
VLAN support
Wi-Fi multimedia

Configuration / Management:

Controller based web-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