

SL-50US EXT

802.11b/g 500mW High Power USB Adapter



Key Features

- Connects at a full 54Mbps via USB 2.0, up to 8 times faster than a USB 1.1 adapter
- High gain upgradeable
- Compact size for greater flexibility
- Also compatible with USB 1.1 desktop and notebook computers
- Plug-and-Play Compatible with windows 98SE, 2000, Millennium, XP and Linux
- High security 64/128/256bit WEP Encryption, TKIP, WPA, 802.11

IEEE 802.11b/g 27dBm USB Adapter with SMA EXT 2dBi Antenna

Benefits

The SL-50US EXT Wireless USB Adapter is used for offering a wireless interface, which eliminates the effort cabling for your LAN with the wireless feature. With being compliant to IEEE 802.11g specification, SL-50US EXT supports data rate up to 54Mbps and hence help to construct your high-speed home or office wireless network.

Specification

standards

IEEE 802.11b/g
USB 2.0 Standard

Data Rate

IEEE 802.11b: UP to 11Mbps
IEEE 802.11g: 54Mbps

OS Supported

Windows 98SE
Windows ME
Windows 2000
Windows XP
Linux 2.6
Mac 10.4
WinCE 5.0
Support S/W AP

Interface

USB 2.0 Mini USB

Antenna Type

1 x 2.4Ghz SMA connector

Frequency Range

2412~2462 MHz (N.A)
2412~2472 MHz (EU)
2412~2484 MHz (Japan)

Channel

1~11 channels (North America)
1~13 channels (General Europe)
1~14 channels (Japan)

Emission Type & Output Power

DSSS/OFDM - 27dBm

Sensitivity for 802.11b

1, 2 Mbps (BPSK, QPSK): - 96dBm
11 Mbps (CCK): -91dBm
(Typically @PER < 8% packet size 1024 and
@25°C + 5°C)

Sensitivity for 802.11g

54Mbps (64QAM): -76dbm
48Mbps (64QAM): -71dbm
36Mbps (16QAM): -78dbm
24Mbps (16QAM): -80dbm
18Mbps (QPSK): -81dbm
12Mbps (QPSK): -82dbm
9Mbps (BPSK): -85dbm
6Mbps (BPSK): -91dbm
(typically @PER < 10% packet size 1024 and
@25°C + 5°C)

Frequency Stability

Within +25 ppm

Data Modulation Type

BPSK,QPSK, CCK and OFDM

Security

WEP 64/128
802.1X support
Wi-Fi Protected Access (WPA)
WPA-PSK

Operating Temp

0°C ~ +50°C
Storage : -10°C ~ +65°C

Power

Voltage: 5V+5%



Sesami, Corporate Headquarters, 257/431 P.H Road, Aminjikarai, Chennai, Tn, India.
E-Mail: sales@sesami.in

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