

PROLINK®

Challenge The Limit

WG2000

802.11g Wireless USB Adapter

PROLINK WG2000 is the perfect solution for your wireless network applications based on the IEEE 802.11g standard that offers a data rate of up to 54Mbps in a Wireless LAN environment. WG2000 wireless USB 2.0 adapter is designed for a USB type A port of a laptop or desktop computer for creating a wireless workstations....

Compact



USB Interface



- Compliant with IEEE 802.11g Standard for 2.4GHz Wireless LAN
- Up to 54Mbps Data Rate
- USB 2.0 compliant
- USB Plug & Play
- Low Power Consumption
- Wireless Mobility
- Freedom to Roam while Staying Connected
- Windows 98SE/2000/XP/ME Supported
- Compact Design
- Secure Information Transmission
- Easy to Install & Configure

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WG2000 802.11G WIRELESS USB ADAPTER

Specifications

General

LED Indicator

Act/Link: Green

Power Requirement

Operating Voltage: 5V DC

TX Consumption: 250mA (Max)

RX Consumption: 150mA (Max)

Physical Specification

Weight: 25g

Dimension: 98 (L) x 30 (W) x 14 (H)mm

Supported OS

Windows 2000/XP/ME/98SE

Environment Specification

Operating Temperature: -5 - 45 ambient temperature

Storage Temperature: -20 - 70 ambient temperature

Operating Humidity: 80% maximum (Non-condensing)

Storage Humidity: 80% maximum (Non-condensing)

EMI Certification

FCC Part 15 in US

EN300328 and EN300826 (EN301489-17)

in Europe

DGT and BSMI in Taiwan

Singapore

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Wireless

Standard: IEEE 802.11g

Host Interface: USB 2.0

Antenna: Chip Antenna

Frequency Range: 2.412GHz - 2.4835GHz

Number of Selectable Channels:

USA, Canada: 11 channels

Japan: 14 channels

Europe: 13 channels

Modulation Technique:

Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK), Orthogonal frequency division multiplexing (OFDM)

Security: 0/64/128 bit WEP, WPA

Media Access Protocol: CSMA/CA

(Collision Avoidance) with ACK

Output Power:

11g: 13.5dBm 11b: 16.5dBm

Data Rate:

802.11g: 54,48,36,24,18,12,9,6Mbps

802.11b: 11,5.5,2,1Mbps

Throughput: 20.3Mbps @54Mbps

5.4Mbps @11Mbps

Outdoor Distance:

183M @ 54Mbps (FER <10%)

225M @ 11Mbps (PER <8%)

Sensitivity: -70dBm @ 54Mbps

-82dBm @ 11Mbps

**Specifications are subjected to change without prior notice*

Online Technical Support
support@fida.com

Free Lifetime Technical Support Hotline

9am - 5.45pm (MON-FRI)

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