D-Link
Building Networks for People

- **Easy Installation**
- **High Data Encryption (64/128-bit)**
- **Cost-Effective Wireless Adapter**
- **New Flip-Up/Fold-Up Compact Design**

DWL-120

11Mbps Wireless USB Adapter

WiFi ™
The Standard for Wireless Fidelity.

Air™ Wireless Network
2.4GHz Wireless
USB Adapter

11b
802.11b
11Mbps

128-BIT WEP

FREE 24/7 TECH SUPPORT (USA ONLY)†

D-Link, the industry leader in wireless networking, introduces the new and improved DWL-120[1], part of the D-Link Air™ family of award-winning wireless products. The DWL-120 is a USB 1.1 wireless adapter capable of a maximum signal rates of up to 11Mbps[2], giving you the ability to connect to a wireless network at home, at the office or at any wireless hotspot. Now, you can stay connected wherever you are and wherever you go.

The DWL-120 is Wi-Fi certified, meaning that it can connect and interoperate with other 802.11b Wi-Fi-compliant wireless routers, access points and adapters. The DWL-120 includes a standard USB cable and connects to any available USB port on a laptop or desktop Windows-based PC. With its USB cable (included) and the adapter's

flip-up antenna, the DWL-120 can be positioned virtually anywhere in a workspace to achieve the best available wireless signal reception — whether that workspace is in your office, on your deck or patio, by the pool, at the local coffee shop, or in an airport terminal while waiting to board your next flight.

The adapter's Microsoft WHQL-certified drivers for Windows XP ensure that you'll be up and running on a wireless network in just a matter of seconds. The DWL-120 also features 128-bit WEP encryption providing a level of security for the data that you wirelessly transmit.

Using its default settings, the DWL-120 automatically connects to other D-Link Air products as soon as it's active.

Air™ Wireless Network
2.4GHz Wireless
USB Adapter

WiFi™
The Standard for Wireless Fidelity.

The D-Link Air™ DWL-120[1] is an IEEE 802.11b Wireless USB adapter. The DWL-120 provides wireless access for your USB-enabled desktop or laptop PC. It's flip-up/fold-up, compact design allows you to take it wherever you go.

SPECIFICATIONS

Standards
- IEEE 802.11b
- Wi-Fi certified
- USB 1.1

Host Interface
- Mini USB to A-type

Signal Rates[2]
With Automatic Fallback
- 11Mbps
- 2Mbps
- 5.5Mbps
- 1Mbps

Encryption
- 64-, 128-bit WEP

Media Access Control
CSMA/CA with ACK

Frequency Range
2.4GHz to 2.462GHz

Range[3]
Up to 328 feet Indoors

Modulation
- Direct Sequence Spread Spectrum

Modulation Techniques
- CCK (11Mbps)
- CCK (5.5Mbps)
- DQPSK (2Mbps)
- DBSK (1Mbps)

Transmit Output Power
19dBm (79mW) +-2dB

Receiver Sensitivity
- -84dBm for 11Mbps @ 8% PER (Packet Error Rate)
- -90dBm for 2Mbps @ 8% PER (Packet Error Rate)

Operating Voltage
- 5VDC +- 10%

Internal Antenna Type
Dual PIFA (Patched Inverse "F" Antenna)

Temperature
Operating: -32˚F to 131˚F (0˚C to 55˚C)
Storing: -4˚F to 167˚F (20˚C to 75˚C)

Humidity
5% - 95% non-condensing

Certifications
- FCC part 15b

Dimensions
- L=3.3 inches (85mm)
- W=2.2 inches (55mm)
- H=0.5 inches (14mm)

Weight
1.2 lbs (544g)

Warranty
1 Year

1 Version E1
2 Maximum wireless signal rate based on IEEE Standard 802.11b specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead lower actual data throughput rate.
3 Environmental conditions may adversely affect wireless signal range.

Internet
Cable/DSL Modem
Wireless Router
DWL-120 Computer 1 Desktop PC or Laptop
DWL-120 Computer 2 Desktop PC or Laptop

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