



DBT-900AP

Bluetooth-to-LAN Access Point

The D-Link DBT-900AP Bluetooth-to-LAN Access Point is designed to extend LAN network services to Bluetooth-enabled devices such as laptop computers and PDAs. * This Access Point provides a new solution for wireless connection of multiple users and devices on a Bluetooth network. It enables mobile users using devices equipped with the Bluetooth technology to connect wirelessly to a local network (LAN) and the Internet.

Standard Compliance

With Bluetooth v1.1 and IEEE 802.3u Ethernet compliance, the DBT-900AP access point provides you with wireless access to Ethernet LAN and Internet/Intranet services via a range of Bluetooth devices. The DBT-900AP allows mobile users to connect without delay when they are located in a defined Bluetooth Network area. This Bluetooth-to-LAN access point supports devices equipped with Bluetooth wireless technology, which incorporates built-in intelligence to provide security and quick installation. The DBT-900AP supports the state-of-the-art PAN Profile Bluetooth technology.*

Point to Multipoint Connectivity

The DBT-900AP allows multiple mobile users to connect to it simultaneously and without delay when they are within range of the access point.

Low-Cost, High-Speed Network Access

The DBT-900AP operates at public-use radio frequencies that are plentiful and unlicensed. It provides Bluetooth wireless connectivity to Ethernet-equipped devices and systems running TCP/IP for high-speed, local network and Internet communications without the operation cost (such as telephone charges) of going through a cellular carrier.

Access to Wide-Ranging Applications

Through its LAN interface, the DBT-900AP enables your Bluetooth users to access information services on a local area network (LAN), e-mail, file transfer, Web browsing and synchronization. Printers, scanners and storage devices connected to an Ethernet network can also be shared among Bluetooth users.

Internet Connection

Through its Ethernet interface, the DBT-900AP can be directly connected to a broadband Internet gateway for high-speed Internet sharing among Bluetooth-enabled users. In a LAN environment, such as in an office, such Internet sharing among Bluetooth users can also be realized through the presence of a remote router on the LAN.

Home, Business and School Use

Besides for private use at home, the DBT-900AP can also be installed at public areas such as offices, hotels, museums, airport lounges or even schools. It can be useful if you are in a hotel and want to access the Internet from different places inside the hotel or from your hotel room. This device can also be installed at school to provide access to the Internet from inside the campus.

Features

- Bluetooth specification v1.1 (PAN Profile) compliant
- Ethernet connection with DHCP assignment
- 10/100BASE-TX Ethernet LAN port with auto-sensing 10/100Mbps speeds, auto MDI/MDIX plug-and-play connection
- Plug-and-play installation, no driver required
- LED indicators for Power, Bluetooth Connection and LAN Connectivity status
- Security function for user access authorization/authentication
- Simultaneous access to Internet/Intranet for up to 7 Bluetooth users
- Operation range up to 20 meters (Class 2)
- Works seamlessly with desktop/laptop computers and PDAs *

DBT-900AP

Technical Specifications

Bluetooth Access Point

Emission Type

Frequency Hopping Spread Spectrum (FHSS)

RF Frequency

2400 to 2483.5MHz (Europe & USA, except France)

Output Power

-6 to +4dBm (Class 2)

Modulation Type

Gaussian Frequency Shift Keying (GFSK)

Frequency Hopping

1600hops/sec. (625us/hop)

Receiving Sensitivity

-80dBm (Class 2) BER 10E-3

Antenna

2dBi Gain dipole antenna

LED Indicators

- Power
- BT (Bluetooth)
- LAN

Connectors

- Power jack
- RJ-45 LAN jack

Configuration Reset

Reset button

Physical & Environmental

Power Input

Through external power adapter

Power Adapter

- Auto-switching 100 to 240 VAC, 50/60Hz
- 5VDC, 2A

Dimensions

104 (L) x 63 (W) x 29 (H) mm (device only)

Weight

100 grams (device only)

Operation Temperature

5° to 50 °C

Storage Temperature

-25° to 50 °C

Humidity

5% to 95% non-condensing

Emission

- FCC Class B
- CE Class B

Safety

LVD (EN60950)



Ordering Information

DBT-900AP Bluetooth-to-LAN Access Point

Please specify your order as follows:

DBT-900AP/A With US standard power adapter
DBT-900AP/B With UK standard power adapter
DBT-900AP/E With EU standard power adapter
DBT-900AP/N With Australia standard power adapter



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U.S.A	TEL: 1-949-788-0805	FAX: 1-949-753-7033
Canada	TEL: 1-905-8295033	FAX: 1-905-8295095
Europe	TEL: 44-20-8731-5555	FAX: 44-20-8731-5511
Germany	TEL: 49-6196-77990	FAX: 49-6196-7799300
France	TEL: 33-1-30238688	FAX: 33-1-30238689
Benelux	TEL: 31-10-2045740	FAX: 31-10-2045880
Italy	TEL: 39-2-2900-0676	FAX: 39-2-2900-1723
Iberia	TEL: 34-93-4090770	FAX: 34-93-4910795
Sweden	TEL: 46-(0)8564-61900	FAX: 46-(0)8564-61901
Norway	TEL: 47-22-309075	FAX: 47-22-309085
Denmark	TEL: 45-43-969040	FAX: 45-43-424347
Finland	TEL: 358-9-2707-5080	FAX: 358-9-2707-5081
Singapore	TEL: 65-6774-6233	FAX: 65-6774-6322
Australia	TEL: 61-2-8899-1800	FAX: 61-2-8899-1868
Japan	TEL: 81-3-5434-9678	FAX: 81-3-5434-9868
China	TEL: 86-10-8518-2533	FAX: 86-10-8518-2250
India	TEL: 91-22-652-6696	FAX: 91-22-652-8914
Egypt	TEL: 202-62-44615	FAX: 202-62-44583
UAE	TEL: 971-4-3916480	FAX: 971-4-3908881
Turkey	TEL: 90-212-335-2525	FAX: 90-212-335-2500
Israel	TEL: 972-9-9715700	FAX: 972-9-971-5601
Chile	TEL: 56-2-232-3185	FAX: 56-2-232-0923
Brasil	TEL: 55-11-3094-2910	FAX: 55-11-3094-2921
South Africa	TEL: 27(0)1266-52165	FAX: 27(0)1266-52186
Russia	TEL: 7-095-737-3389	FAX: 7-095-737-3390
Taiwan	TEL: 886-2-2910-2626	FAX: 886-2-2910-1515
D-Link Corp.	TEL: 886-2-2916-1600	FAX: 886-2-2914-6299

