D-Link®

Personal Air

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 *

* Computers, PDAs and other devices connecting to the DBT-900AP access point must be Bluetooth-enabled with PAN Profile support.

DBT-900AP
Technical Specifications

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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RECYCLABLE
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