

Features

- Bluetooth 1.2 certified
- Support up to 7 Bluetooth devices simultaneously
- Support up to 100 meter radius coverage
- Four port 10/100 Base-T Ethernet switch HUB
- Bridge/Routing functions
- AAL5 for ATM over ADSL
UBR/CBR/VBR ATM services
- VC-based and LLC multiplexing
- Up to eight ATM VCs
- Web-based management
- Register to IN with SIP or DTMF signaling
- Enhanced telephone ability to support global line impedance, echo cancellation and parallel extension detection

Description

The ADSL AP integrates the Bluetooth PAN, CTP/ICP and Headset profiles in ADSL modem, providing both the high-speed data access to Internet service and the audio related services wirelessly for Bluetooth-enabled devices like desktop, laptop, PDA, smart phone, mobile phone, headset, and some electrical appliances.

It has a standard RJ11-ADSL interface to connect to the PSTN. When other Bluetooth mobile devices come into the range of the AP, a 2.4GHz wireless link is established. This connection allows desktops/ Laptops/ PDAs to browse the Internet, send/receive email, transfer files, and share LAN resources wirelessly through the ADSL, enables mobile phones to be used as cordless phones of the AP, and realizes the call transfer automatically between the GSM/CDMA mobile phone call to the fixed line (AP), it means you still enjoy the convenience and flexibility of the mobile phone call but pay much lower. The AP supports simultaneously up to seven client connections with it, these client devices and the AP can make data or voice communication with each other free.

The design is suitable for office or family. Users would obtain the most convenience from this wireless solution.



Bluetooth-ADSL Voice and Data Access Point

Part No: CT-541



Applications Diagram



Specifications

WAN Interface (One RJ-11 port for ADSL interface)	
ADSL standard	ITU-T G.992.1(G.dmt), G.992.2(G.lite), G.994.1(G.hs) and ANSI T1.413
G.DMT data rate	Downstream : 10 Mbps/ Upstream : 1 M bps
G.lite data rate	Downstream : 1.5 Mbps/ Upstream : 512 Kbps
LAN Interface (Four RJ-45 port for Ethernet connection)	
10/ 100 Base-T	IEEE 802.3u
Wireless Interface	
Bluetooth standard	Bluetooth 1.2
Bluetooth Profiles	HS, SPP, CTP/ICP, PAN
Encryption	Safer algorithm and PIN-code authorization
Radio Characteristic	Class1, Tx power: 16dBm, Sensitivity: -86dBm
Range	100meters
ATM Attributes	
PPPoA	RFC-2364
PPPoE	RFC-2516
Multi-protocol over AAL5 Routed	RFC-1483/2684
Multi-protocol over AAL5 Bridged	RFC-1483/2684
IP Over AAL5	RFC-1577
VCs	8
AAL type	AAL5
ATM service class	UBR/CBR/VBR
ATM UNI support	UNI3.1/4.0
OAM F4/F5	Yes
Management	
SNMP	Yes
RFC-1213 MIB II	Yes
Telnet	Yes
Web-based management	Yes
LED Indicators	
	Power, Bluetooth , 4xLAN, ADSL
Network Access	
Transparent bridge and learning	Yes
Routing functions	
IP static route	Yes
RIP and RIPv2	Yes
Network functions	
DNS, NAT/PAT, BOOTP	Yes
DHCP Client/ Server/ Relay	Yes
PAP, CHAP	Yes
IGMP proxy	Yes
SIP User Agent	Yes
Power Supply	
External power adapter	110 VAC or 220VAC
Environmental Conditions	
Operating temperature	0°C to 50°C
Storage temperature	-40°C to 85°C
Relative humidity	5 ~ 95% (non-condensing)
Dimensions	
	205 mm (W) x 47 mm (H) x 145 mm (D)

Note: Specifications are subject to change without notice



Bluetooth ADSL Voice/Data AP

IVT Corporation, F5, FaZhan Building, No.12, ShangDi XinXi Road, HaiDian District, Beijing, China, 100085
Tel: 86-10-62963060, 82898226 Fax: 86-10-62963059