ANYCOM Access Point
User Manual

EDR-AP
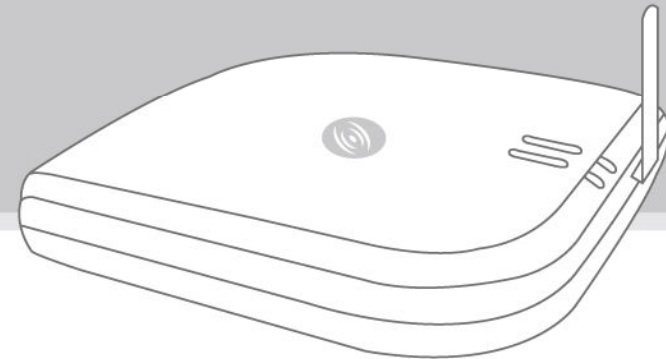
ANYCOM Technologies Inc.
www.anycom.com

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■ Table of Contents

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■ EDR-AP Key Features

- EDR-AP supports Bluetooth PAN / DUN / OPP Gateway.
- EDR-AP provides a built-in web server for convenient configuration.
- EDR-AP support private leased lines, ADSL/VDSL modems using PPPoE and cable modems (DHCP).

■ Part Checklist

Please check and make sure that you have the following package contents.

Item	Q'ty	Use
EDR-AP Body	1	EDR-AP main body
User Manual	1	User guide that explains features, functions and implementation examples
Antenna	1	Bluetooth Antenna
Power Adaptor	1	EDR-AP power supply device
LAN Cable(1.5m)	1	Cable that connects EDR-AP and Internet Modem

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■ Product Description

Please check and make sure that you have all the following package contents.
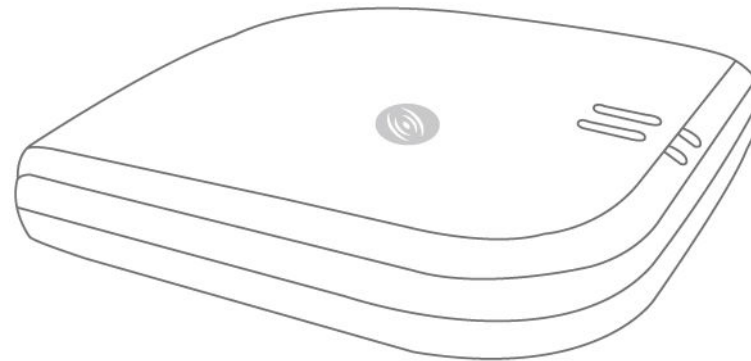
User Manual   Power Adapter   Antenna   LAN Cable

■ Specification

Name	Description
Output Power	15 ~ 20 dBm
Rx Sensitivity	85 dBm
Channel	79 CH
Antenna	2.4GHz Band 1/2λSleeve Dipole Antenna
Frequency	2402 ~ 2480 MHz
Modulation	FSK, QPSK
Adaptor	5V 1A
Max Current	560mA
Operating Temperature	−20℃~55℃

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■ Controls and Functions

▌ Button

Name	Description
Button	If you press any two buttons on the unit, the LED (Green) blinks and EDR-AP goes to discoverable and pairable mode.

▌ LEDs

| Name	Color	Status	Description
STATUS	Green	ON	Power is ON and Bluetooth is normal state mode
		BLINK	Other device is connected and new device is under pairable mode
		OFF	Power is OFF or Bluetooth is abnormal state mode
WAN	Green	ON	TCP/IP communication is able mode
		BLINK	TCP/IP communication is disable mode
		OFF	No connection with the Ethernet

* When EDR-AP restarts, every LED blinks several times

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▍ Rear Panel

RESET   5V1A   WAN
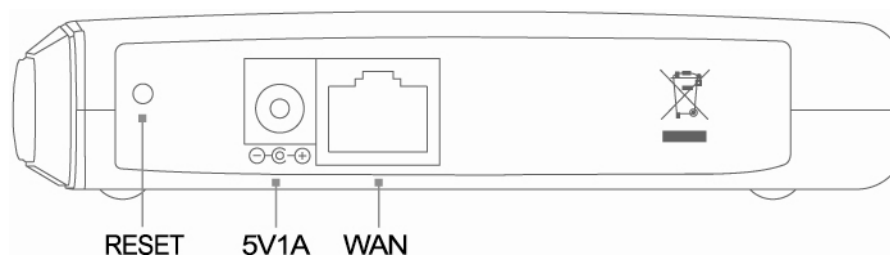
(From the left to the right side)

| Name	Description
RESET	Press this button for more than three seconds to restore the original factory default setting of EDR-AP (Reboot: press between 1~3 seconds)
5V1A ⊖-Ⓒ-⊕	Connect the Power Adaptor
WAN	Connect to private leased line, ADSL/VDSL modem, cable model using LAN cable (UTP Cable)

■ EDR-AP Installation

Please check the port location of the rear panel and then follow the steps below to install the BS-P100 properly.

▌ Ethernet Network Connection

Let's check the network cable connection to use the internet service.
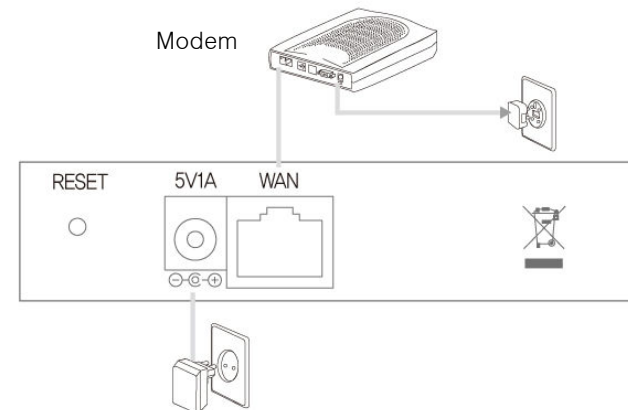
① Pull out the cable from the Ethernet (LAN) port of modem and connect it to the WAN port at the EDR-AP's rear panel.

② Connect the power adaptor to the "POWER" port at the EDR-AP rear panel.

③ Connect antenna provided to antenna connecting jack at the side of body. When you connect antenna, twist it on carefully and lastly push it strongly.
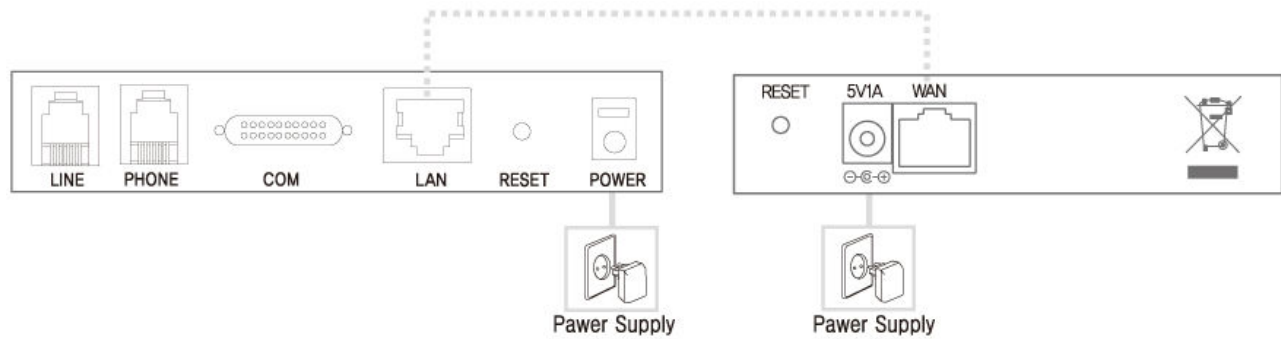
■ CAUTION

- Use only the power adaptor supplied. Using other power adaptors may cause **the** voice quality **to** deteriorate and malfunction.

- Install EDR-AP far from wireless LAN/microwave about 1m. If installed close may cause jamming.

- Use only the antenna provided.

The data of this device could be lost When the static electricity occurs in antenna portion

■ Configuration using Web Interface

You can use Web Interface with web browser in order to set the EDR-AP configuration. You can access the Web Interface by IP address or Bluetooth connection (PAN). For the access by Bluetooth connection, connect with PAN of EDR-AP and access with Gateway address assigned from the PC.

▋ Checking device's IP address

In case of you don't know the IP address, you can check the current EDR-AP IP address by configuring IP address of user's PC.

① Click [Start] from the bottom menu bar, then choose [Settings].

② Select [Control Panel] to view a new window, and then choose [Network connections].

③ Right click on [Local Area Connection]. If there are more than one Local Area Connections, choose the one that is currently in use.

④ Choose [Properties] when a new window appears.

⑤ Click [IP Address] tab and then check the [Obtain an IP address automatically] box. If the box is already checked, you don't need to change anything.

⑥ Click [Ok]. You don't need to restart your computer in Windows XP.

Access to the Web Page: http://EDR-AP's Address:1001/index.html or http://default Gateway's Address:1001/index.html

You can set the functions below through Web Page.

Name	Detailed Name	Description
System Information	System Status	You can check the status of EDR-AP
	Technical Specification	You can check the information about firmware, software, hardware of EDR-AP
Configuration	Network	You can configure the network environment for the internet use. (Choose the network among Static IP, DHCP, ADSL(PPPoE))
	Bluetooth	You can set the environment for the Bluetooth use You can configure the Device Name, Security Level, Pin Code, Select Power Class
	Radius	You can configure the Radius authentication method and information
	SNMP	You can configure the information for the interoperate with SNMP server
	System Mgmt	You can configure the ID, Password of the EDR-AP
	Factory Reset	System reset by factory value
System Restart		Restart EDR-AP

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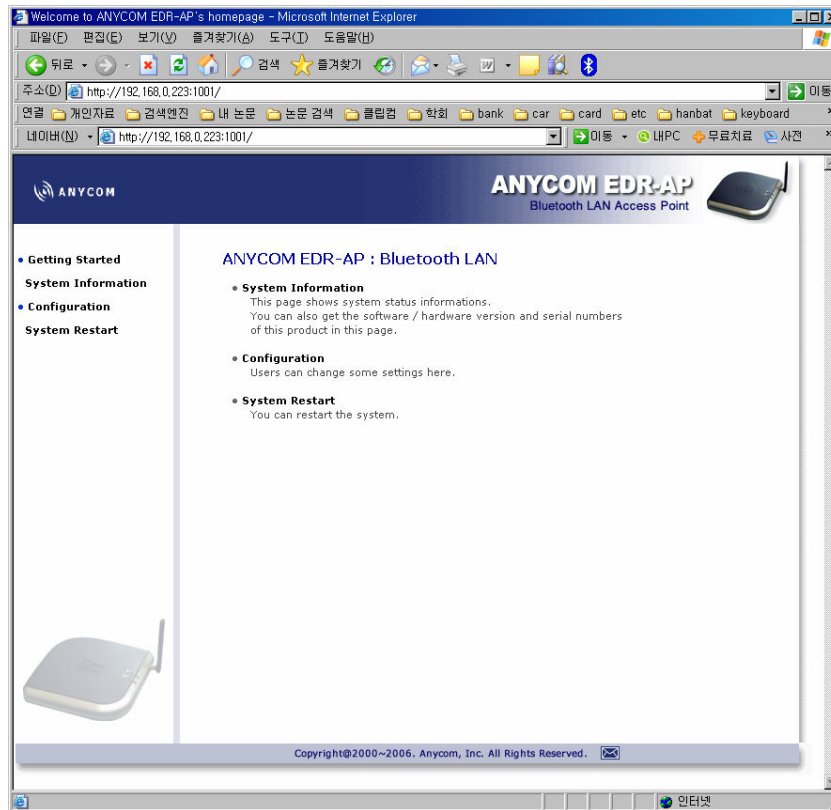
Network Configuration

①　Select [Configuration], and then choose [Network] to enter the network configuration page.

②　Now select and set the appropriate IP configuration parameters that match your network environment from below.

(a)　Static IP

i.　Select [Static IP].

ii.　Enter the IP, gateway, network mask and DNS address for EDR-AP.

(b)　DHCP(Dynamic IP) or Cable modem

i.　Select [DHCP].

(c)　ADSL(PPPoE)

i.　Select [ADSL].

ii.　Enter ADSL ID and the password.

Bluetooth Configuration

① Select [Configuration], and then choose [Bluetooth] to enter the network configuration page.

② When the pop up window requesting ID and Password, type USER ID: admin, Password: 0000.

Title	Description	Default Value
Device Name	Means the name of the device. Choose the "User Defined" and type the name you wish.	Use Default
Security Configuration	Set the Security Level. Level 1 : Security Code(Pin Code) Is not requested. Level 3 : Security Code(Pin Code) Is requested.	Level 3
Device Configuration	Type the Pin Code of EDR-AP.	000000
Radio Power Class	Select the electric wave of EDR-AP. Class 1 is the strongest electric wave.	Class 1

RADIUS

① Select [Configuration], and then choose [RADIUS] to enter the network configuration page.

Title	Description	Default value
Retransmission	Define the number of re-transmission times in case of data failures when interoperate with Radius server.	1
Timeout(sec)	Set the time interval for Retransmission.	5 sec
Authentication Server	Set the domain or IP address of Radius Server.	
Authentication Password	Set the Password to receive the authentication from the Radius Server.	
Authentication Port Number	Set the Port Number of Radius Server.	1812

SNMP

① Select [Configuration], and then choose [SNMP] to enter the network configuration page.

Title	Description	Default Value
SNMP activation	Activate the SNMP function.	enable
SNMP Accessibility	Check the weather or not to be accessed to the SNMP Server.	Use
SNMP GET/SET Server Setting	Set the domain or IP address of SNMP Server.	
SNMP Community Setting	Set the authority for Read/Write of SNMP Server interoperate.	RD : Public WR : private

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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's

authority to operate the equipment.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following

Measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

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▌ ATTENTION(FCC):

This appliance and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. A minimum separation distance of 20 cm must be maintained between the antenna and the person for this appliance to satisfy the RF exposure requirements.