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SI 7800B AP

Simple Manual

1. Understanding the Hardware

1.1 Hardware Configuration

RJ-45 Ethernet Connector – Provides 10 Mbps connectivity to a wired Ethernet LAN.

Reset Button – By holding this down for more than 3 seconds, the unit will reset to its factory default settings.

Power Supply Connector – Connects to the power adapter.

1.2 Hardware Installation

A. Configure your notebook or PC with a wireless LAN card.

B. For a wired LAN, connect your PC's Ethernet port to the unit's LAN port via an Ethernet cable.

C. For WLAN, position the unit in a proper location.

D. Plug in the power cord into the power outlet.

2. System

Consists of Administrator Settings   Firmware Upgrade   Reset   Restore Defaults

1. Administrator Settings

Enter new password and then click save and restart

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2. Firmware Upgrade

step 1

Firmware Upgrade

Current Firmware information	
Version:	v200.187
Date:	June,02 2004
Download New Firmware:	
Download	⊙ Firmware only
	○ Firmware + Configuration
File	[_____] 瀏覽...
Progress		

Note: The whole upgrade procedure takes about 2 mins.

Cancel   Save   Help

step 2

Firmware Upgrade

Current Firmware information	
Version:	v200.187
Date:	June,02 2004
Download New Firmware:	
Download	○ Firmware only
	⊙ Firmware + Configuration
File	D:\軟體測試書\SI7800B\603\AT76C511_A 瀏覽...
Progress		

Note: The whole upgrade procedure takes about 2 mins.

Cancel   Save   Help

Click Browse to find new Firmware   then click save and restart

3. Reset

Reset Access Point

After you change the setting or in the event that the Access Point stops responding correctly or in some way stops functioning, you can perform a reset. To perform the reset, click on the "Reset" button below. You will be asked to confirm your decision.

The reset will take for about 40 seconds.

Reset

Click Reset

4. Restore Defaults

Click Restore Defaults

3. LAN

Consists of LAN Settings DNS Settings

1. LAN Settings

Change IP Address Subnet Mask Default and Gateway and then click save and restart

2. DNS Settings

DNS Relay Settings

DNS Relay Service	○ Enable ⊙ Disable
Domain Name Suffix	patras.atmel.com
Primary Domain Name Server Address	10 . 170 . 254 . 16
Secondary Domain Name Server Address (optional)	0 . 0 . 0 . 0

Cancel   Save   Help

Enable DNS Relay Service change Domain Name Suffix and Primary Domain Name Server Address and then click save and restart

4. Services

1. Network Servives

Consists of SNMP Server DHCP Server System Log Daemon Easy Setup Wizard

A. SNMP Server

step 1

Network Services

SNMP Server	○ Enable ⊙ Disable Configure
DHCP Server	⊙ Enable ○ Disable Configure
System Log Daemon	○ Enable ⊙ Disable Configure
Easy Setup Wizard	⊙ Enable ○ Disable

Cancel   Save   Help

Enable and then click Configure to enter into settings

step 2

Network Services - SNMP server Configuration

Read only community	••••••
Read write community	•••••••
Trap sink IP address	10 . 170 . 250 . 111

Cancel   Save   Help

Read only community , enter public

Read write community, enter private

After modifications, click save and restart

B. DHCP Server

step 1

Network Services

SNMP Server	○ Enable ● Disable Configure
DHCP Server	● Enable ○ Disable Configure
System Log Daemon	○ Enable ● Disable Configure
Easy Setup Wizard	● Enable ○ Disable

Cancel   Save   Help

Enable and click Configure to enter into settings

step 2

Network Services - DHCP server Configuration

IP Pool Starting Address	192.168.2. 230
IP Pool Ending Address	192.168.2. 250
Lease Time	
Default Router IP Address	0 . 0 . 0 . 0
DNS Server IP Address	0 . 0 . 0 . 0
Local Domain Name	(optional)

Cancel   Save   Help

Change IP Pool starting Address   IP Pool Ending Address and Lease Time and then click save and restart

C. System Log Daemon

step 1

Network Services

SNMP Server	○ Enable ⊙ Disable Configure
DHCP Server	⊙ Enable ○ Disable Configure
System Log Daemon	○ Enable ⊙ Disable Configure
Easy Setup Wizard	⊙ Enable ○ Disable

Cancel   Save   Help

Enable and click Configure to enter into settings

step 2

Network Services - System Log Daemon Configuration

System Log Daemon IP address	10 . 170 . 254 . 212
System Log Daemon Port number	514

Cancel   Save   Help

Change System Log Daemon IP Address and System Log Daemon Port number and
then click save and restart

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D. Easy Setup Wizard

Network Services

SNMP Server	○ Enable ⊙ Disable Configure
DHCP Server	⊙ Enable ○ Disable Configure
System Log Daemon	○ Enable ⊙ Disable Configure
Easy Setup Wizard	⊙ Enable ○ Disable

Cancel   Save   Help

Click Enable to use Easy Setup Wizard

5. Wireless

Consists of Settings   Operational Mode   Security Settings   MAC Filtering

1. Settings

Click save and restart after change

2. Operational Mode

Click save and restart after change

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3. Security Settings

Click save and restart after change

4. MAC Filtering

Click save and restart after change

6. Information

Consists of System Status Wireless Status Association List LAN Statistics Wireless Statistics   DHCP Client List

1. System Status

You can find LAN and System Information settings here

2. Wireless Status

You can find SSID and Channel settings here

3. Association List

You can find what wireless LAN or AP are attached to SI 7800B AP

4. LAN Statistics

You can find the Total Bytes   Total Packets   Total CRC here

5. Wireless Statistics

Wireless Statistics

Refresh

	Receive	Transmit
Unicast Packets	0	0
Broadcast Packets	47	69
Multicast Packets	0	6

You can find Unicast Packets   Broadcast Packets   Multicast Packets here

6. DHCP Client List

DHCP Client List   Clear & Restart   Refresh

Item	MAC	IP	Expire date	Expire time
		No DHCP Client.		

Help

You can find which client are connected to server when AP Enable DHCP Sever was used

Federal Communication Commission Interference Statement

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 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.

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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.