

**WL – 8005**

**AP/AP Client**

User Manual

1. Overview.....	2
<b>1.1. Product Feature</b> .....	2
2. WL – 8005 Setting .....	3
<b>2.1. Setup WL - 8005 by Web Browser</b> .....	3
3. WL – 8005 Tool .....	7
<b>3.1. Using WL – 8005 Tool</b> .....	8

# 1. Overview

## 1.1. Product Feature

- Complies with the IEEE 802.11b/g 2.4 GHz (DSSS) standard.
- High-Speed data transfer rate – up 54Mbps.
- Support 64/128-bit WEP Data Encryption function for high level security.
- Supports the most popular operating system: Windows 98SE/ME/2000/XP/Vista
- More Portable and mini-size design.
- Suitable for any Notebook or PC
- Easy and convenient setup tool (In AP Client Mode).

## 2. WL – 8005 Setting

The **WL-8005** has two kinds of method to settings. In capture 2.1, we show how to setup **WL-8005** by web browser. And capture 2.2 explain how to use **WL - 8005 Tool** to setup **WL-8005**(But in this version's firmware. It's only can used in AP Client Mode).

### 2.1. Setup WL - 8005 by Web Browser

Open web browser and entry The WL-8005 default IP address (192.168.1.10).

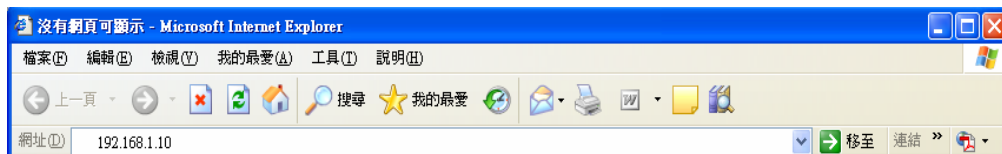


Figure 2.1.1

After you entry default IP address, please press enter to login WL-8005 setting page.



Figure 2.1.2

The default username and password:

**Username: admin**

**Password: admin**

You can see five select to set the WL-8005.

In Simple Setup page, please accord to the rules with your wireless settings.

Simple Setup		Security Setup	Site Survey	Firmware Upgrade	AP Mode
<b>Wireless Interface</b>					
Service Set ID (SSID)	Any				
Second SSID	Any				
Operation Mode	<input checked="" type="radio"/> Infrastructure <input type="radio"/> Ad-hoc				
Radio Preamble	Auto Select				
RF Channel	Automatic				
Station Mode	BG Auto				
Rate Selection	Auto				
Minimum speed limit	Disable				
Fragmentation Threshold	2346 bytes (256..2346)				
<b>Ethernet Interface</b>					
Single Client Mode:	<input checked="" type="radio"/> Enable <input type="radio"/> Disable				
MAC Cloning Mode	<input type="radio"/> Enabled <input checked="" type="radio"/> Disabled				
DHCP Relay	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled				
<input type="radio"/> Enable DHCP <input checked="" type="radio"/> Use the following IP address:					
IP Address	192	168	1	10	
Subnet Mask	255	255	255	0	
Default Gateway	192	168	1	10	
Apply			Restore		

Figure 2.1.3 Simple Setup pages.

In Security Setup page, please accord to the rules with your wireless security settings.

Simple Setup		Security Setup	Site Survey	Firmware Upgrade	AP Mode
WEP Encryption	Required				
Authentication Type	Open System				
Transmit WEP Key	Key 1				
WEP Key Size	104 bits				
WEP Key 1	11111111111111111111111111111111				
WEP Key 2	22222222222222222222222222222222				
WEP Key 3	33333333333333333333333333333333				
WEP Key 4	44444444444444444444444444444444				
(Enter 10 hexadecimal digits for 40 bit key, 26 hexadecimal digits for 104 bit key)					
WPA Mode	Disabled				
Data Encryption	TKIP				
Pass Phrase	*****				
Apply			Cancel		

Figure 2.1.4 Security Setup pages

In the **Site Survey** page you can see how many Router/AP in this environment.

Simple Setup	Security Setup	Site Survey	Firmware Upgrade	AP Mode			
<b>Station Status</b>							
Connected SSID:	Any						
Operating Mode:	Infrastructure (Scanning...)						
Using Wep Key:	Open System : 128-bits Wep Key1 Lock						
MAC Address:	00-15-af-ff-00-50						
Connected MAC Address:	00-00-00-00-00-00						
<b>Site Survey</b>							
No	SSID	BSSID	Channel	AP	Mode	Security	Strength
<input type="radio"/>	WLAN	00-30-95-fe-54-1e	6	Yes	G	WEP	2
<input type="radio"/>		00-16-e6-3c-bb-35	6	Yes	G	WEP	16
<input type="radio"/>	000D0B5EB8C2	00-0d-0b-5e-b8-c2	1	Yes	G	OPEN	0
<input type="button" value="Refresh"/> <input type="button" value="Survey"/> <input type="button" value="Join"/> <input type="button" value="Reset"/>							

Figure 2.1.5 Security Setup pages

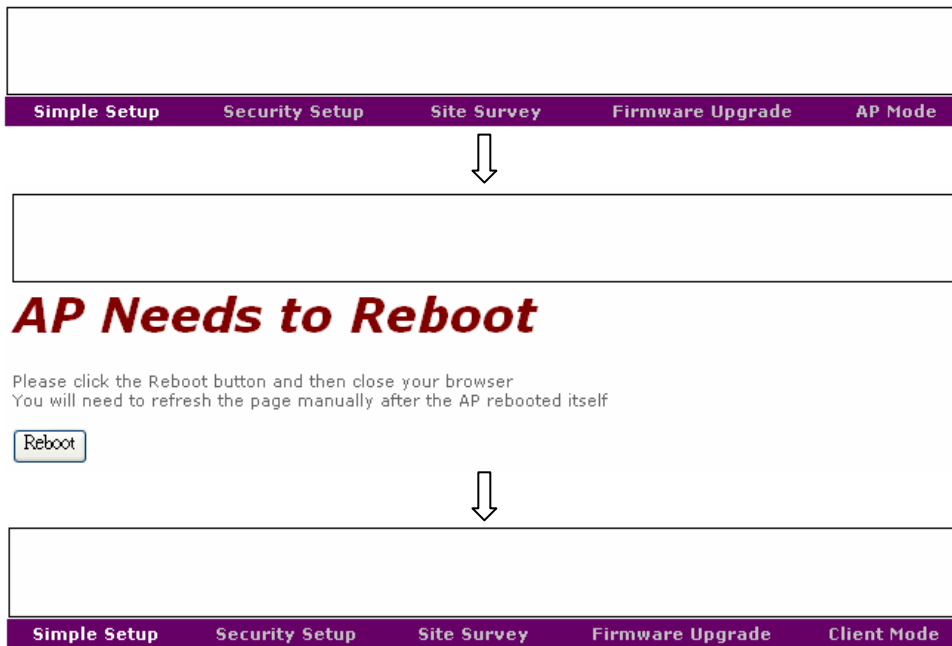
And you can do firmware upgrade in the Firmware Upgrade page.

Simple Setup	Security Setup	Site Survey	Firmware Upgrade	AP Mode
<b>Firmware Upgrade</b>				
Product ID:	DeskBridge			
Firmware Version:	3.06.1167ts 2007 05 11			
Regulation Domain:	0x30 ETSI(Europe)			
New Firmware File:	<input type="text"/>	<input type="button" value="瀏覽..."/>	<input type="button" value="Upgrade"/>	
<b>Setting Mangement</b>				
New Password:	<input type="text"/>	( 1-31 characters )		
Confirm New Password:	<input type="text"/>	( 1-31 characters )		
<input type="button" value="Launch"/>	<input type="button" value="Reset"/>	<input type="button" value="Restore"/>		

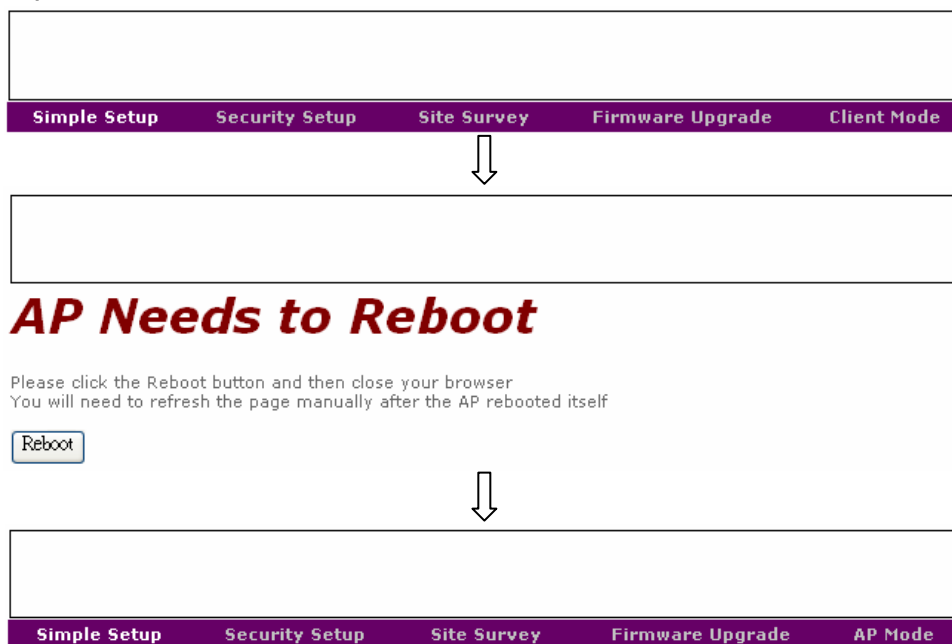
Figure 2.1.5 Security Setup pages

The last choose with **AP Mode**, you can use this choose to change **WL-8005** working type. The **WL-8005** default setting is working in **Client Mode**. So the last choose is “**AP Mode**”. When you select this choose, it will change to **Reboot Page** to request reboot device. After reboot, the **WL-8005** will change working type to **AP Mode**. In this time the last choose will change to **Client Mode**. You can do opposite process to change back **Client Mode**.

**Example 2.1.1: AP Client Mode to AP Mode**



**Example 2.1.1: AP Mode to AP Client Mode**



### 3. WL – 8005 Tool

The **WL – 8005 Tool** is an easy and convenient setup tool. But in this version, it can only use the **WL-8005** at **Client Mode**.

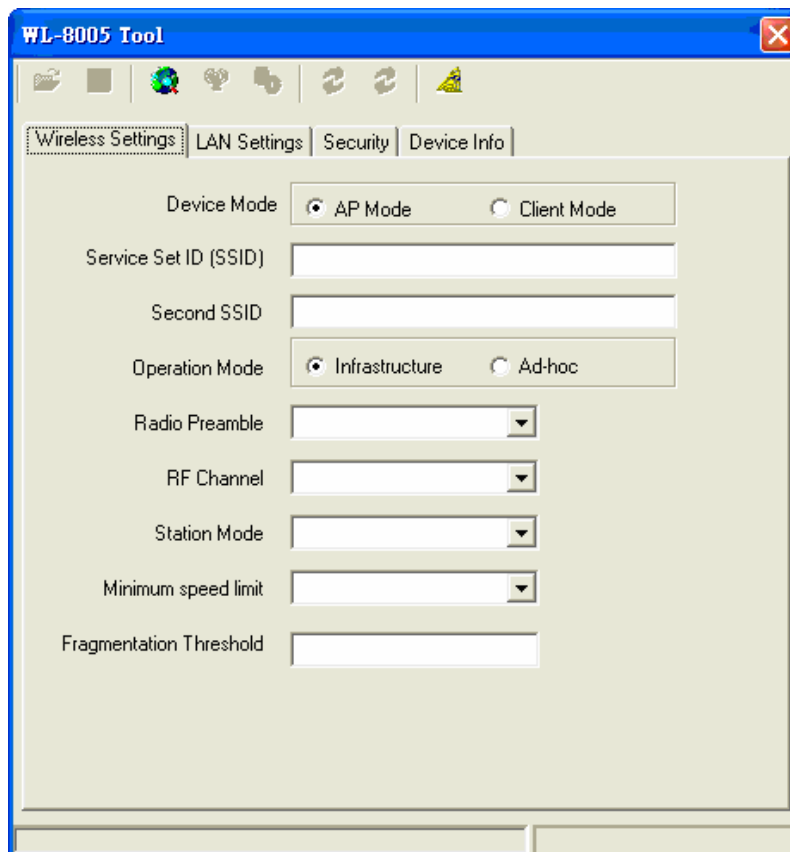


Figure 3.1 WL-8005 Tool

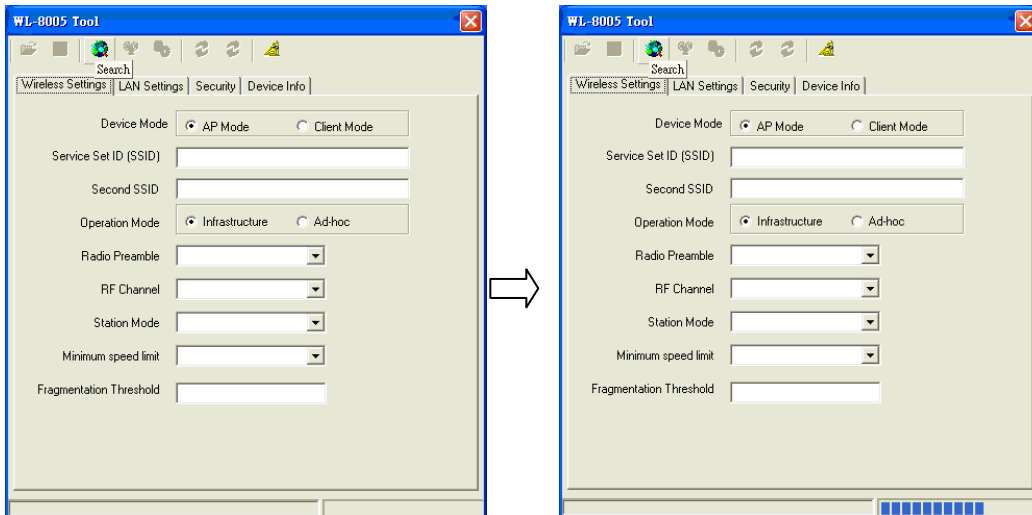
#### **Attention:**

*Before you start using this tool, you maybe have something need to check first. You must check the **WL – 8005** is working in **Client Mode**. Next, if you link to **WL – 8005** need to pass through a router. You must to ascertain the router can't to block **broadcast packet**.*

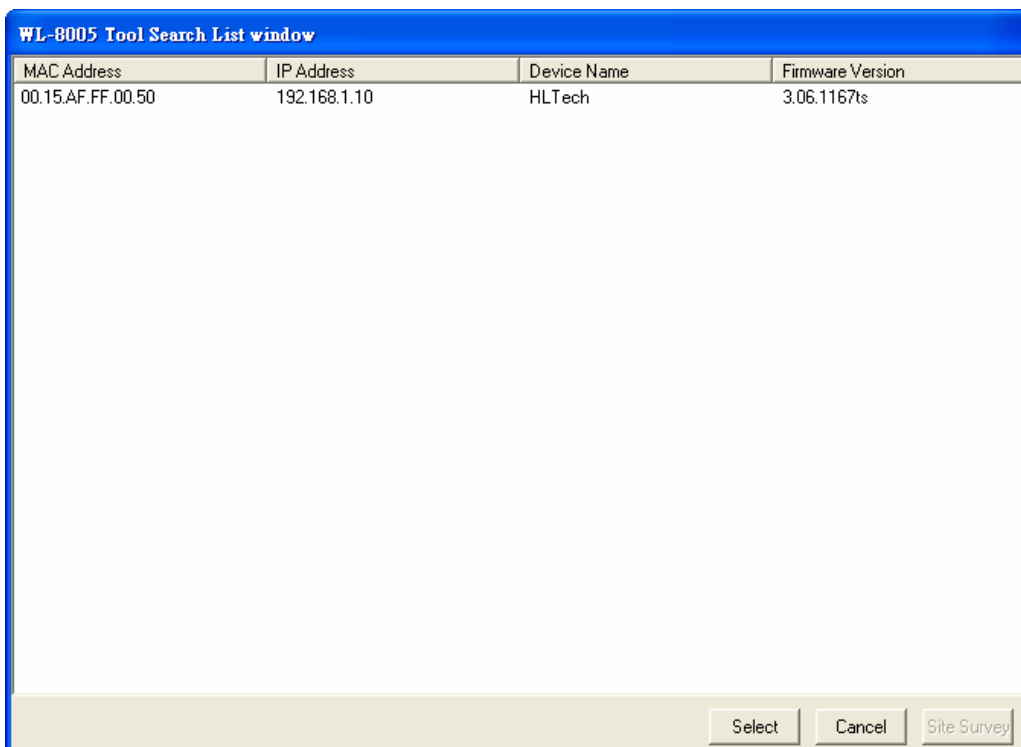


### 3.1. Using WL – 8005 Tool

Please press Search button to search WL – 8005 device and wait the progress bar end.

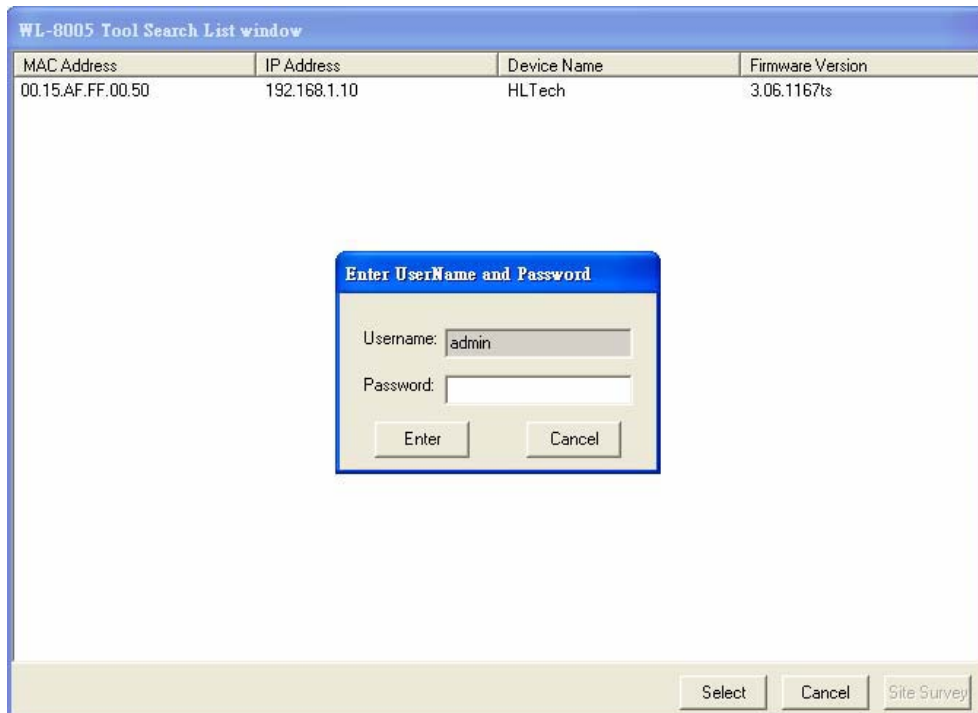


After search, the WL – 8005 Tool will pop list window.

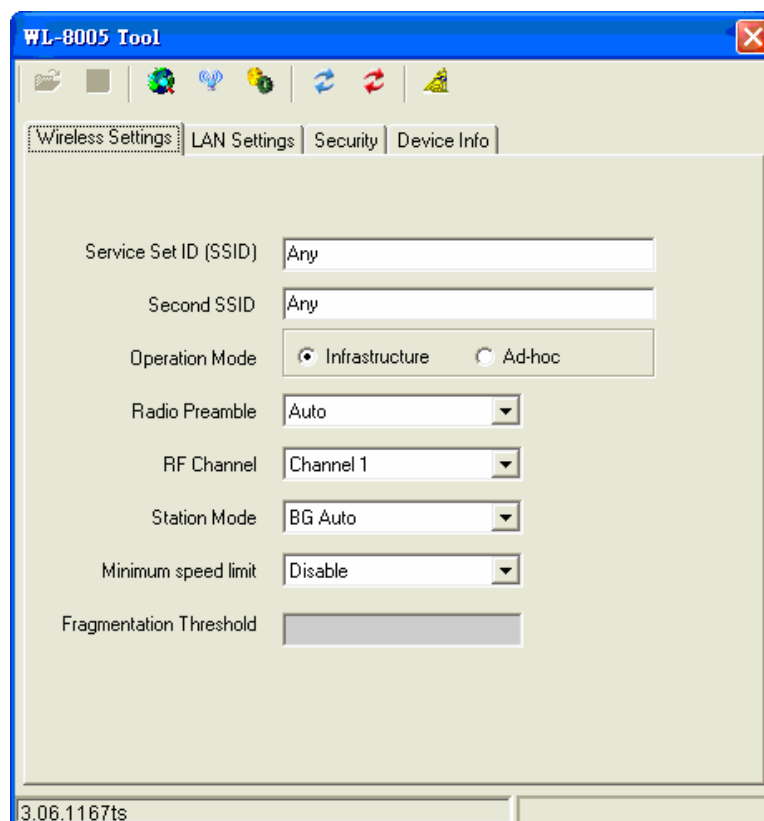


The list window will list all WL – 8005 device on the network. You can use double click or press Select button to select device.

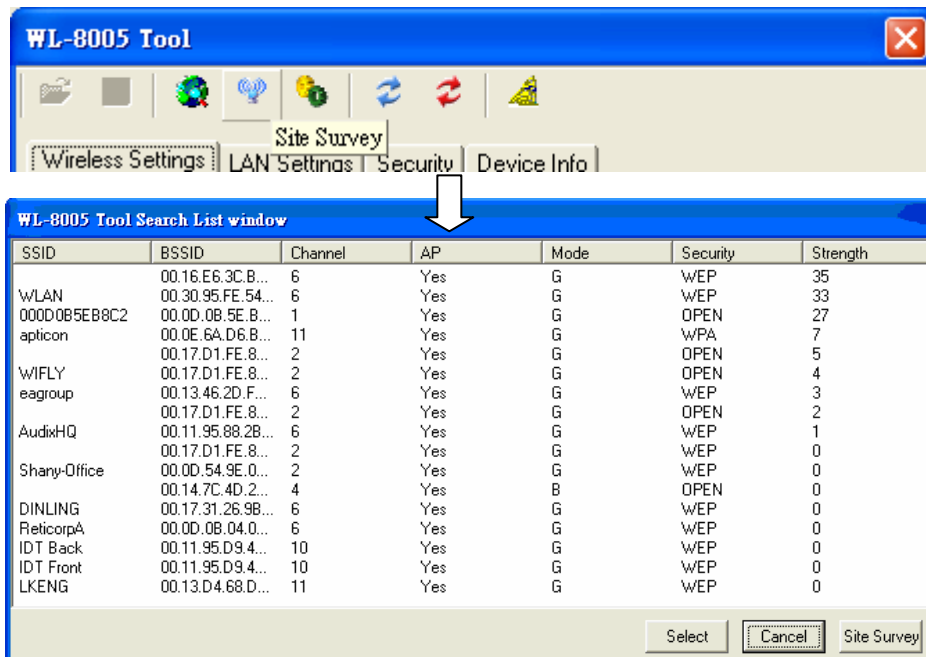
You should entry password after you select device.



If the password is right with your enter. The **WL – 8005 Tool** will show all **WL – 8005** device settings.



In your setting, you can use **Site Survey** button to search how many wireless access point in this environment.



If you select any AP, the **WL – 8005 Tool** will auto change the main window's SSID. It will change the same with your select.

The last steps please press **Apply** button. **WL – 8005 Tool** can auto send all settings to you select **WL – 8005** device in early.



If sent setting to **WL – 8005** device was success. The **WL – 8005 Tool** will show a message box.



And in this time, **WL – 8005** will reboot. When you close this message box, the **WL – 8005 Tool** will to get **WL – 8005** settings again. You can double check your settings in this time.

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 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 installation. , May cause harmful interference to radio communication. 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

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body .