

# **Wireless 802.11g Ethernet Adapter**

**Quick Installation Guide**

**Guide d'Installation Rapide**

**Kurzanleitung zur Installation**

**Guida Veloce all'Installazione**

**Guía Rápida de Instalación**

Version 1.0

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# 1. Before Installation

Thank you for purchasing the Wireless 802.11g Ethernet Adapter. This guide will help you set-up and configure your adapter with easy to follow installation instructions. For more detailed or advanced settings, please refer to the User Manual in the CD-ROM.

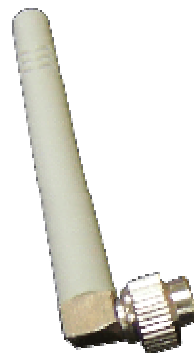
## Packet Contents

Please make sure you have the following in the box:

- ✓ 802.11g Wireless Ethernet Adapter
- ✓ 2dBi detachable RSMA Antenna
- ✓ Quick Installation Guide
- ✓ User Manual CD-ROM
- ✓ Combo Cable for Power and Network
- ✓ AC Power Adapter, 5V / 1A Output



Wireless Ethernet Client Adapter



External Dipole Antenna



Combo Cable for power and network



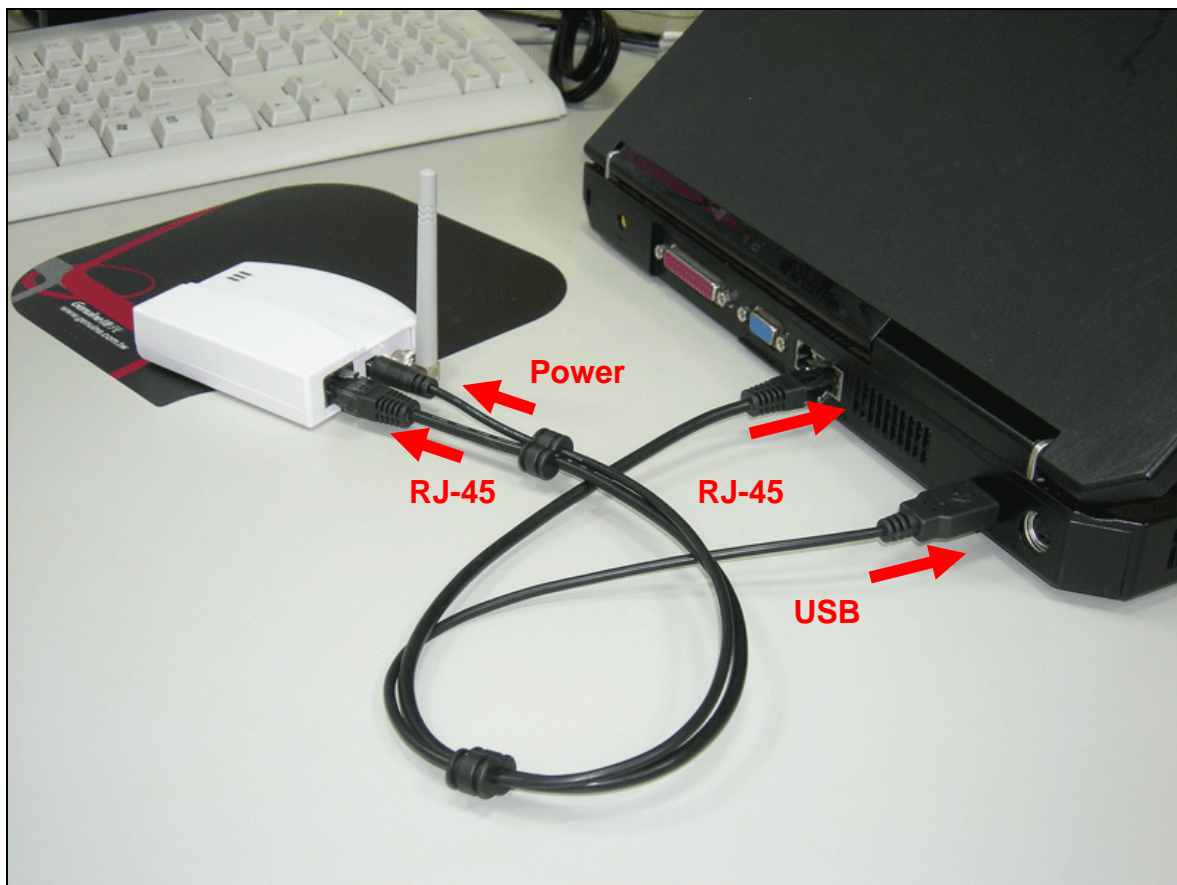
Power Adapter

## 2. Hardware Installation

### 2.1 Connect the Adapter to your Laptop / Desktop

The WCM-110 designed to be powered by the USB interface of your laptop/desktop. When the laptop/desktop is turned on, the USB interface is able to provide 5V DC power output except data transmission. This is enough to drive the WCM-110.

Please refer to the following figure for hardware installation.



### 2.2 LED Indicators

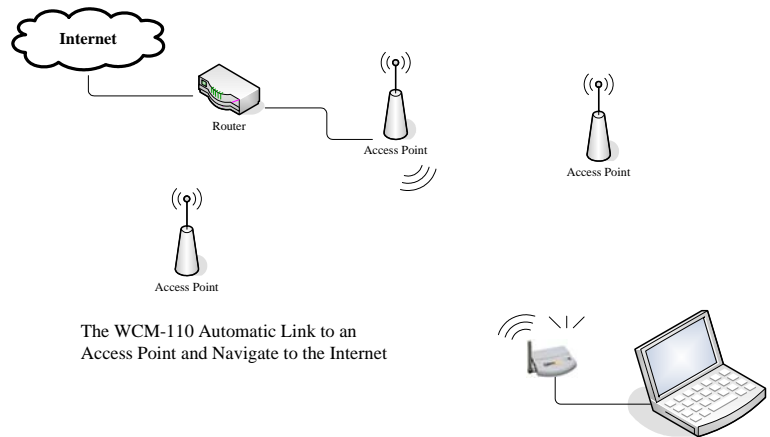
The WCM-110 comes with Link, Activity, and Power LED indicators. Refer to the table below for LED definitions:

LED	Color	Status	Definition
Link	Red	On	The device is connected to an Ethernet network.
		Off	The device is off or there is no Ethernet connection.
Activity	Blue	On	The device is on and ready.
		Off	The device is off.
Power	Orange	On	The device is on and ready.
		Off	The device is off or performing boot sequence.

# 3. Configure TCP/IP Settings on Laptop/Desktop

## 3.1 Automatically Access to the Network

After the WCM-110 boot on, it scan the access points to join the network. If it gets one in the area, it automatically joins to the access point and then navigates the internet.



Note that your laptop/desktop is configured to get IP address by a DHCP server.

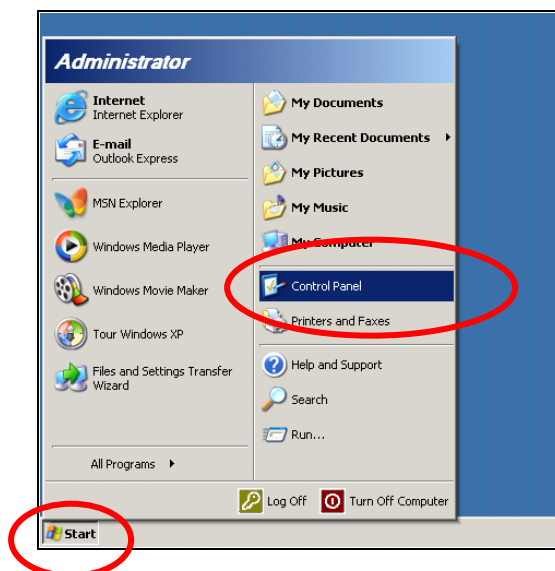
## 3.2 Manually Configure for Network Access

You may need to manually configure WCM-110 to access the network if the automatic method does not join to an ideal access point. Please follow the following steps for configuration:

### 3.2.1 Change the IP address of your laptop/desktop (Windows XP System):

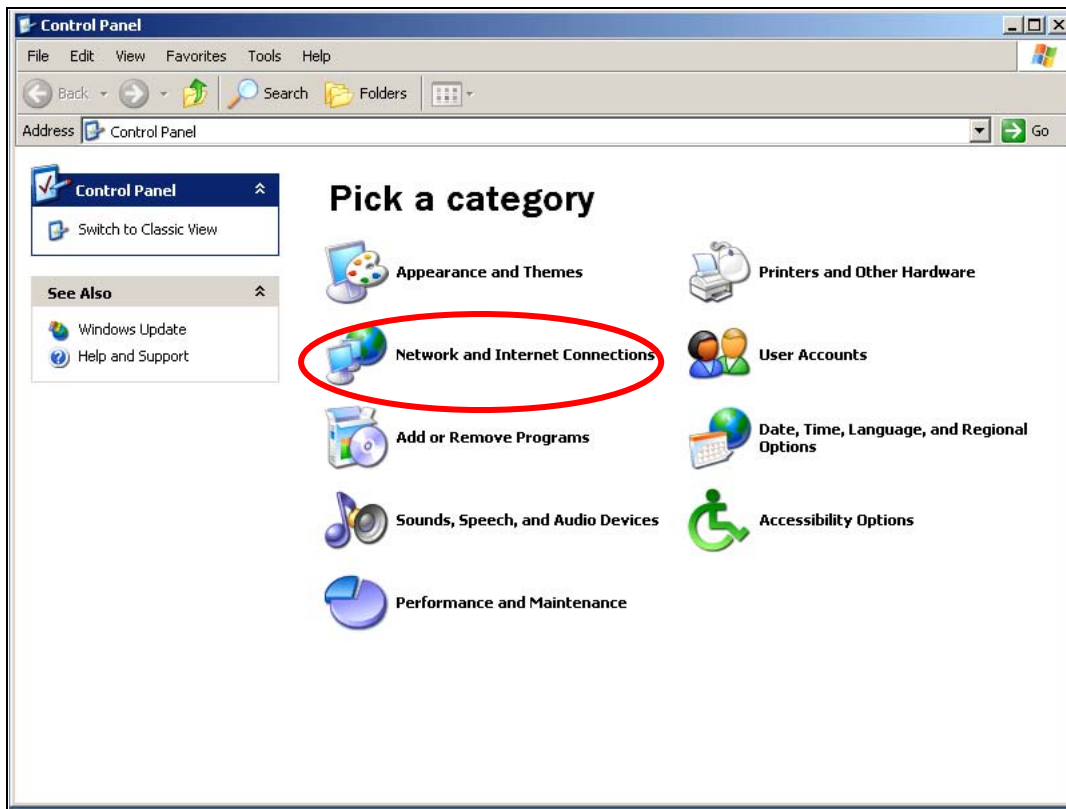
#### Step 1

Click **Start** → **Control Panel**



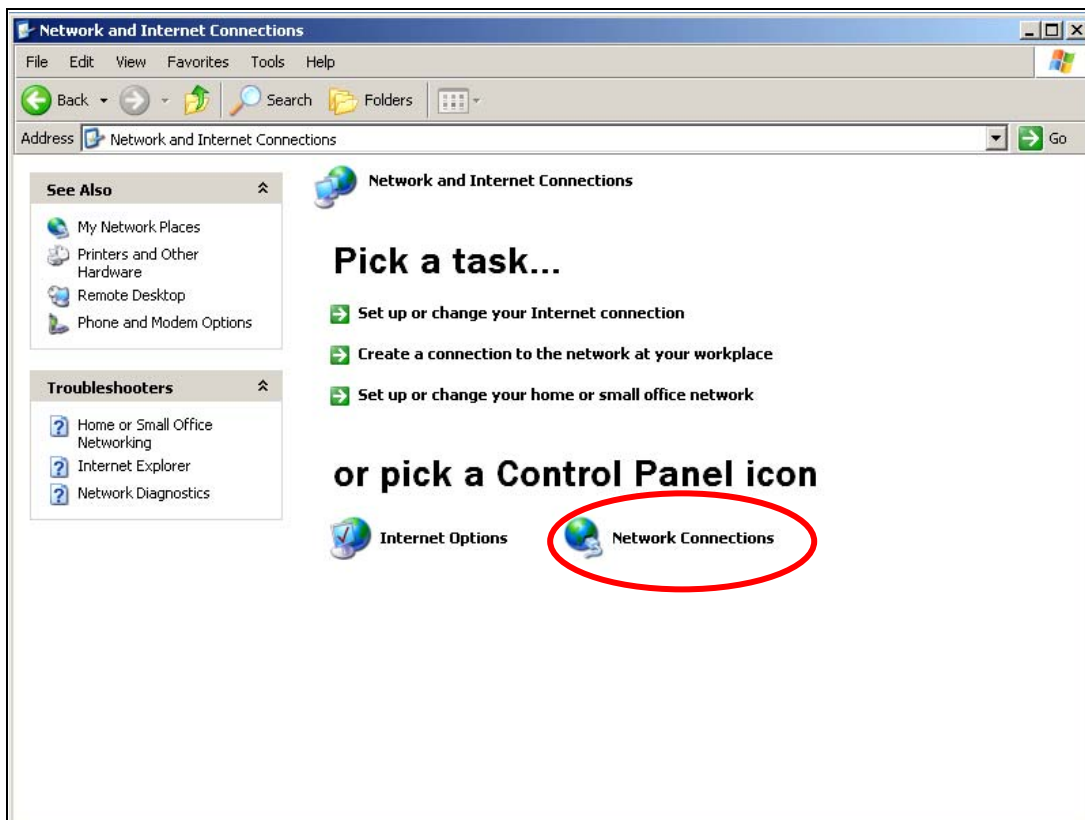
## Step 2

The **Control Panel** window shows up. Double-Click the **Network and Internet Connections** icon:



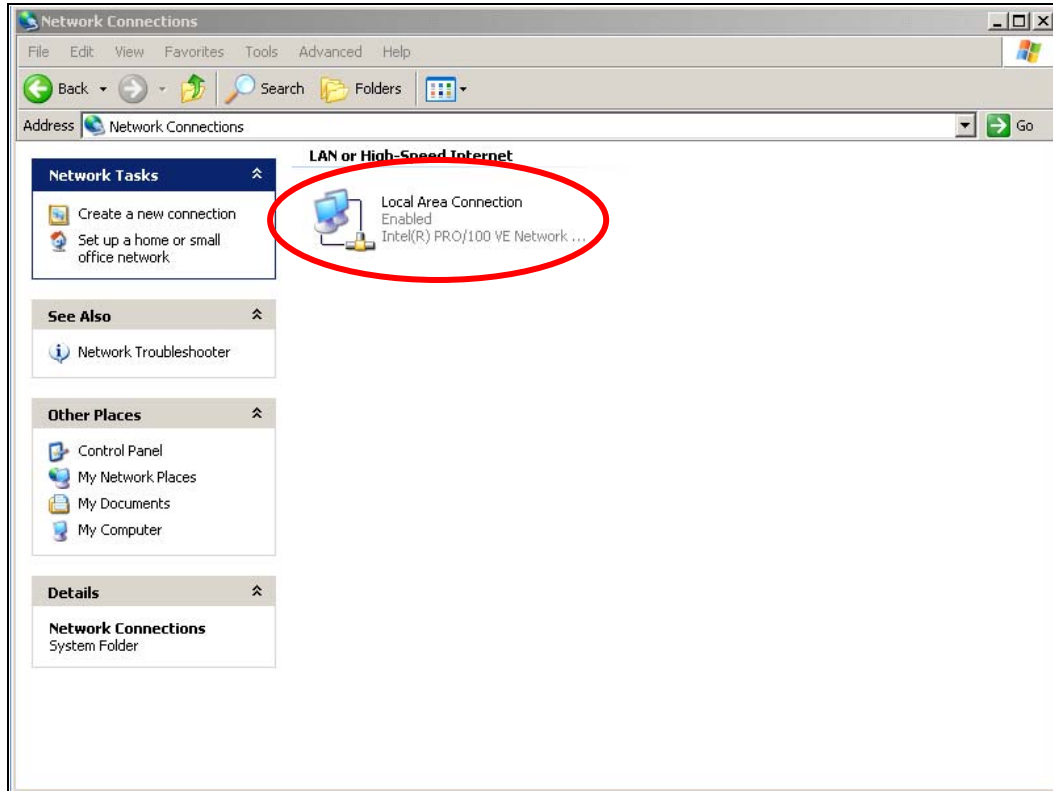
## Step 3

Click the **Network Connections** icon in the following window.



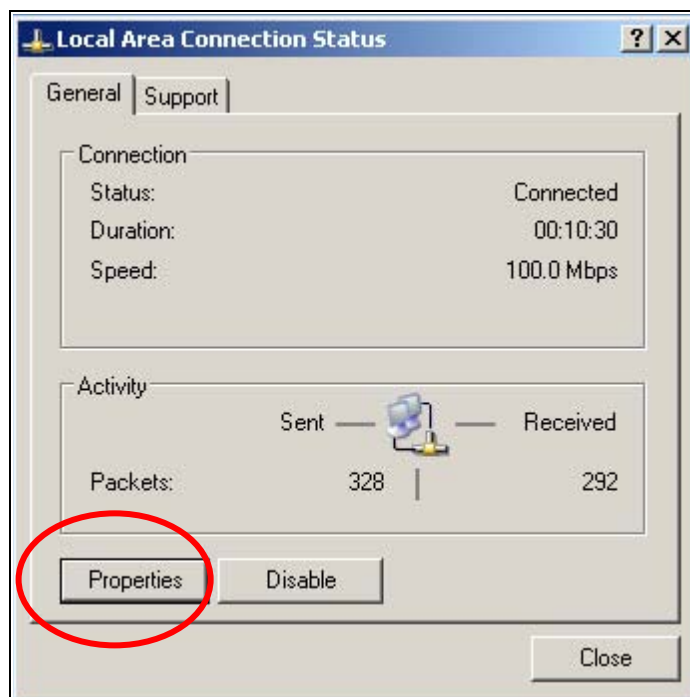
## Step 4

Double-Click the **Local Area Connection** icon in the following window.



## Step 5

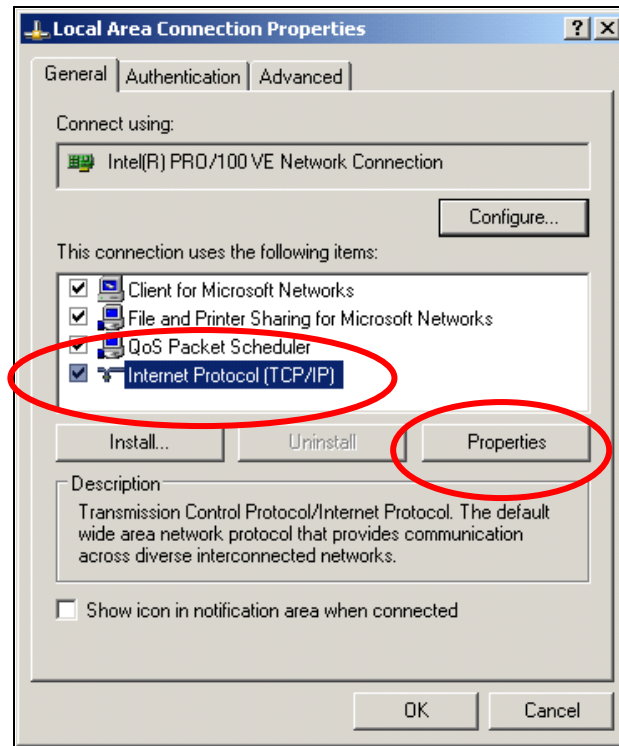
The **Local Connection Status** menu shows up. Click the **Property** button.





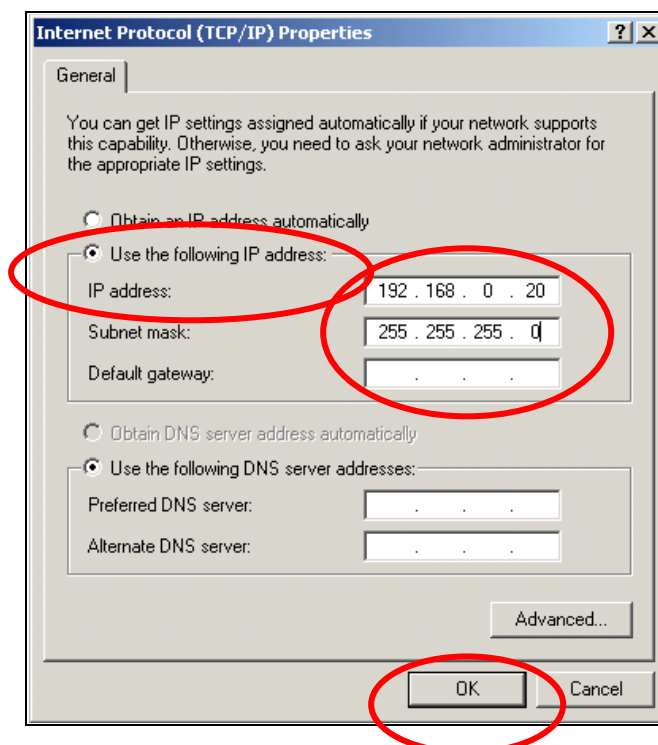
## Step 6

The **Local Area Connection Properties** menu shows up. Under the **General** Configuration Tab, locate and select **Internet Protocol (TCP/IP)** with the corresponding network card, then click the **Properties** button.



## Step 7

The **Internet Protocol (TCP/IP) Properties** menu then shows up. Select **Use the following IP Address** and enter IP Address with **192.168.0.20** and **255.255.255.0** for the Subnet Mask, and then click **OK**.



## Step 8

Close all the Network configuration menus to save.

**Note:** Above steps changes the IP address of your laptop/desktop to be in the same IP segment of WCM-110 in order to manage it.

## 4. Configure the Access Point

The WCM-110 provides the Web interface for configuration, please follow the following steps:

### 4.1 Login to the Web Management Interface

Open your web browser, and type <http://192.168.0.10> (The default IP address of WCM-10) in the address bar, and press Enter.



An authentication window will then appear. Enter **admin** in the username field and **admin** in the password field, and then click **OK**.



### 4.2 Join to an Access Point in the Wireless Network

Use the Site Survey Function search the Access Points

After a successful login, it brings the web management page of WCM-110.

Click the **Site Survey** menu item.

### Radio Setting

association table	Service Set ID (SSID)	wlan-g
radio	<input checked="" type="checkbox"/> Response to Broadcast SSID requests	
security	AP/UR/WB Mode	WB Mode
ipconfig	RF Channel	Auto - Channel 7
filter	Parent SSID	wlan-g
<b>site survey</b>	Use Preferred BSSID	Disabled
upgrade	Parent BSSID	00:00:00:00:00:00

Apply Reset Cancel

The **Site Survey** function lists the Access Points it had surveyed.

#### Join to the Access Point

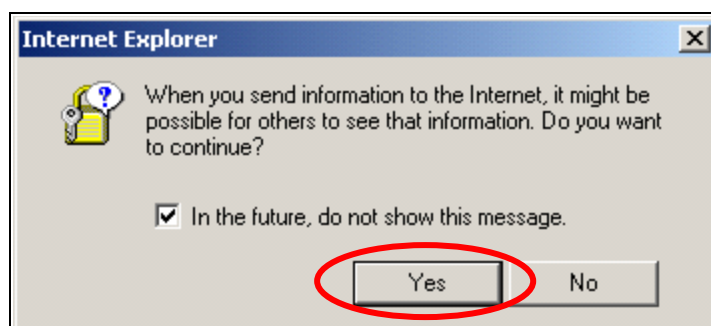
Select the Access Point which your WCM-110 wants to connect to, and click the **Join** button. (Click the **Scan** button to survey the Access Points again if needed.)

### Site Survey

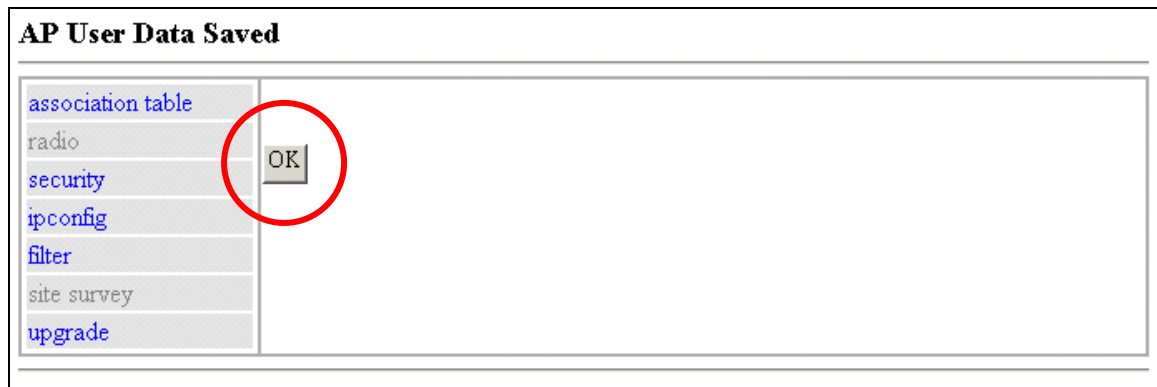
association table	SSID	BSSID	Channel	AP	Mode	Security	Strength
radio	<input checked="" type="radio"/> 1590	00:0e:8e:7a:d4:94	1	Yes	G	WEP	4
security	<input type="radio"/> optech	00:90:4b:33:95:20	1	Yes	B	WEP	2
ipconfig	<input type="radio"/> ipcam	00:0e:8e:b7:39:e6	10	Yes	G	WEP	24

Scan **Join** Reset

Click the **Yes** button to continue if the pop up menu shows up.



Click on the **OK** button to save.



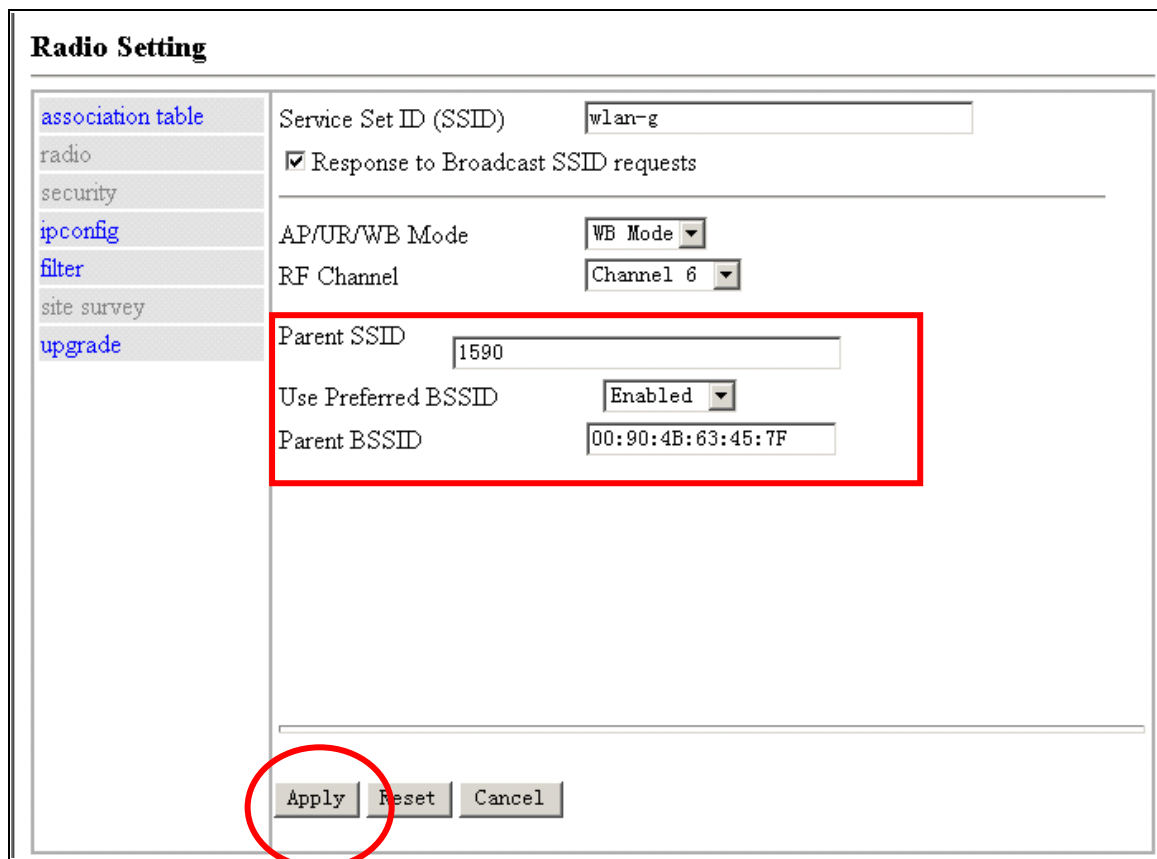
**AP User Data Saved**

association table	<input type="button" value="OK"/>
radio	
security	
ipconfig	
filter	
site survey	
upgrade	

### 4.3 Configure the Radio Setting

The menu then returns to main page.

Information of the access point which you joined is copy to the Radio Settings menu fields.



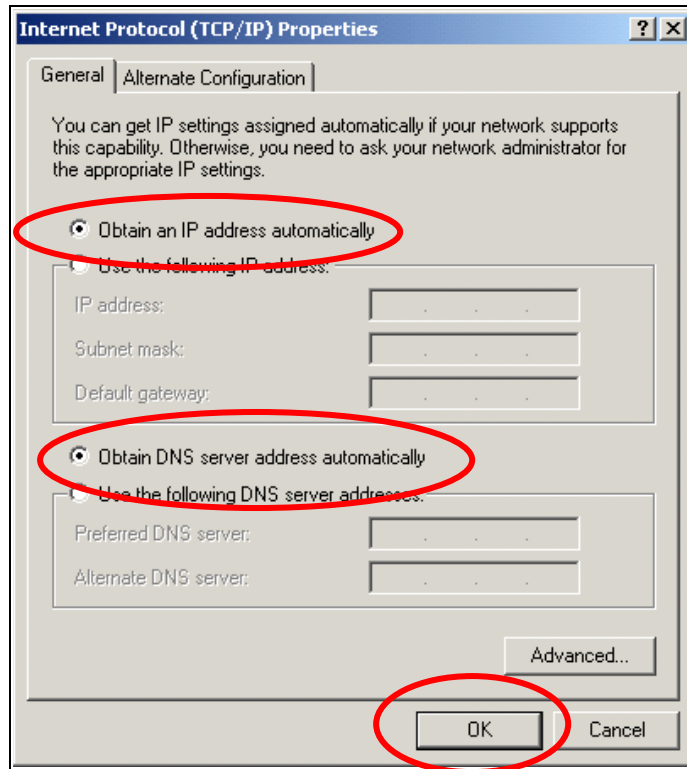
**Radio Setting**

association table	Service Set ID (SSID)	wlan-g
radio	<input checked="" type="checkbox"/> Response to Broadcast SSID requests	
security	AP/UR/WB Mode	WB Mode
ipconfig	RF Channel	Channel 6
filter	Parent SSID	1590
site survey	Use Preferred BSSID	Enabled
upgrade	Parent BSSID	00:90:4B:63:45:7F

Click on the **Apply** button to confirm.

### 4.4 Get the IP Address Automatically

Refer to the section **3. Configure TCP/IP Settings on Laptop/Desktop** and configure the TCP/IP settings to automatically get IP address.



Close the network configuration menus to save.

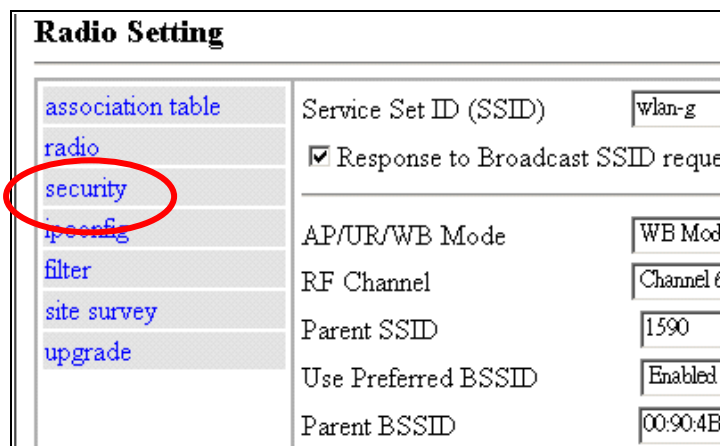
You can then access to the internet by way of the access point.

## 4.5 Configure the Security

Most of time, the Access Point in the network hid the SSID or set a password to prevent illegal access. It needs an advanced configuration in security to pass through the selected access point. The following example connects to the Access Point with WEP encryption.

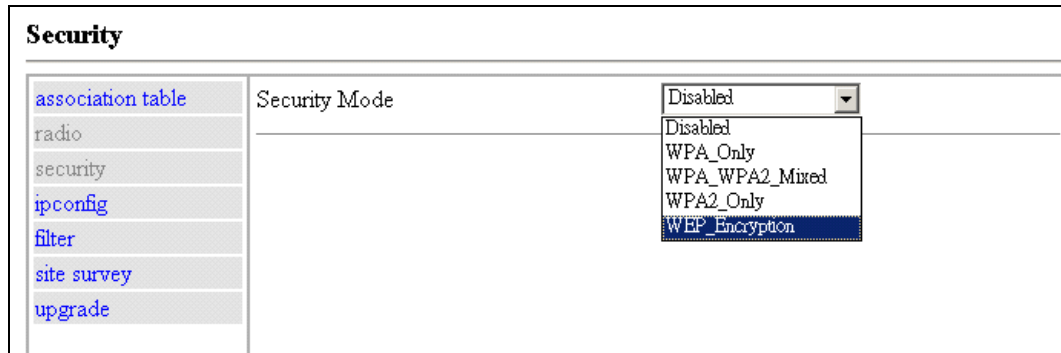
(Manually configure your IP address to be in the IP subnet as the access point first)

Click the **Security** item.



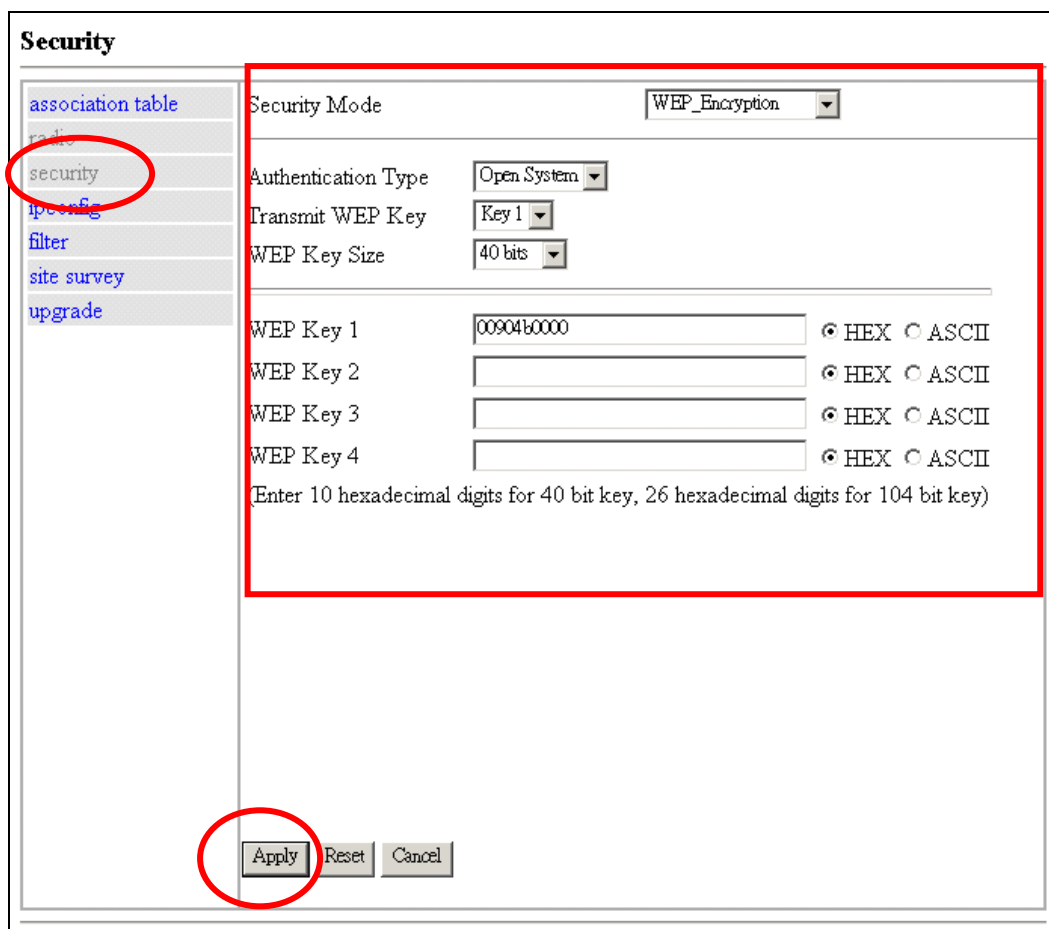
In the Security menu screen, the default Security mode is **"Disabled"**. Use the

pull-down menu to select the Security Mode to be **WEB\_Encryption**.



The screenshot shows a web interface titled "Security". On the left is a navigation menu with links: association table, radio, security, ipconfig, filter, site survey, and upgrade. The "security" link is highlighted. The main content area shows "Security Mode" with a dropdown menu open. The menu options are: Disabled, WPA\_Only, WPA\_WPA2\_Mixed, WPA2\_Only, and WEP\_Encryption. The "WEP\_Encryption" option is selected and highlighted in blue.

The screen then changes to the parameters configuration menu as the following. Select the **Authentication Type**, **Transmit WEP Key**, and **WEP Key Size** and fill the **WEP Key** field. Click the **Apply** button to save.



The screenshot shows the "Security" configuration page with the "security" link in the left navigation menu circled in red. The main configuration area is enclosed in a red rectangular box. It contains the following fields: "Security Mode" (set to WEP\_Encryption), "Authentication Type" (set to Open System), "Transmit WEP Key" (set to Key 1), and "WEP Key Size" (set to 40 bits). Below these are four "WEP Key" input fields, each with radio buttons for "HEX" (selected) and "ASCII". The first "WEP Key 1" field contains the value "00904b0000". A note at the bottom of the box reads: "(Enter 10 hexadecimal digits for 40 bit key, 26 hexadecimal digits for 104 bit key)". At the bottom of the page, the "Apply", "Reset", and "Cancel" buttons are visible, with the "Apply" button circled in red.

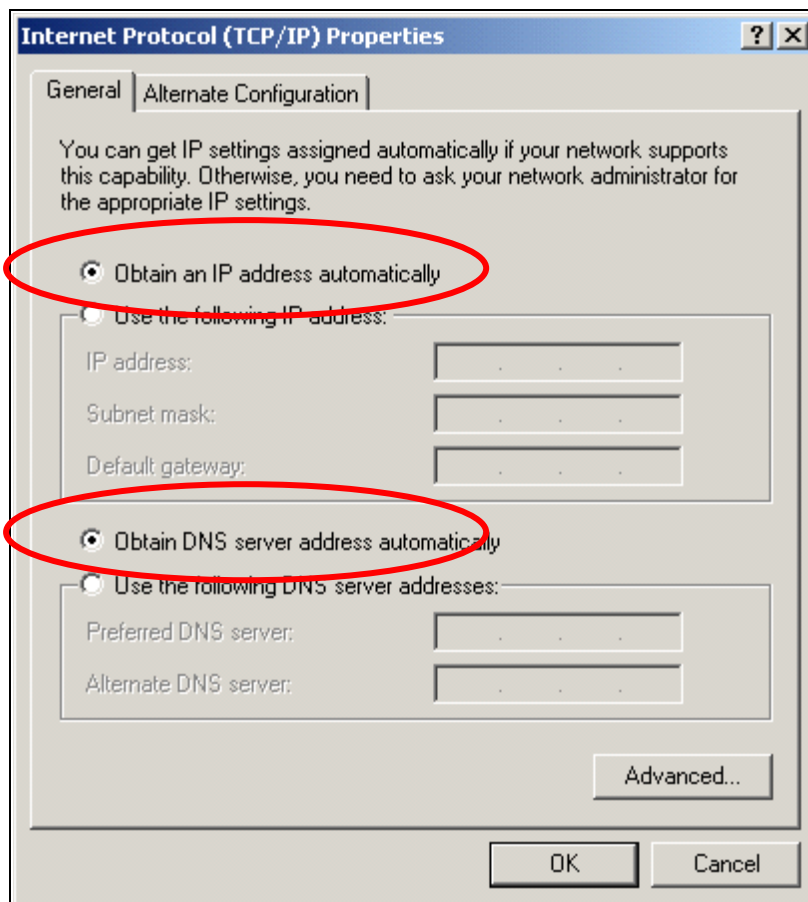
The **AP User Data Save** serene shows, click the **OK** button to save.

## AP User Data Saved



## 4.6 Get the IP Address Automatically

Refer to the section 3. **Configure TCP/IP Settings on Laptop / PC** and configure the TCP/IP settings to automatically get IP address.



Close the network configuration menus to save.



For detail configuration, please refer to the user manual in the CD-ROM.



# 1. Avant l'Installation

Nous vous remercions d'avoir acheté l'Adaptateur Ethernet Sans Fil 802.11g. Ce guide vous aidera à mettre en place et à configurer l'adaptateur facilement grâce aux instructions d'installation. Pour des paramètres plus détaillés ou avancés, veuillez vous référer au Manuel de l'Utilisateur disponible sur le CD-ROM.

## Contenu de la Boîte

Veillez vous assurer que la boîte contient ce qui suit:

- ✓ Un Adaptateur Ethernet Sans Fil 802.11g
- ✓ Une Antenne RSMA Détachable 2dBi
- ✓ Un Guide d'Installation Rapide
- ✓ Un CD-ROM contenant le Manuel de l'Utilisateur
- ✓ Un Câble Combo pour l'Alimentation et le Réseau
- ✓ Un Adaptateur d'Alimentation AC, avec 5V / 1A de Sortie



Adaptateur Client Ethernet Sans Fil



Antenne Externe Dipole



Câble Combo pour l'alimentation et le réseau



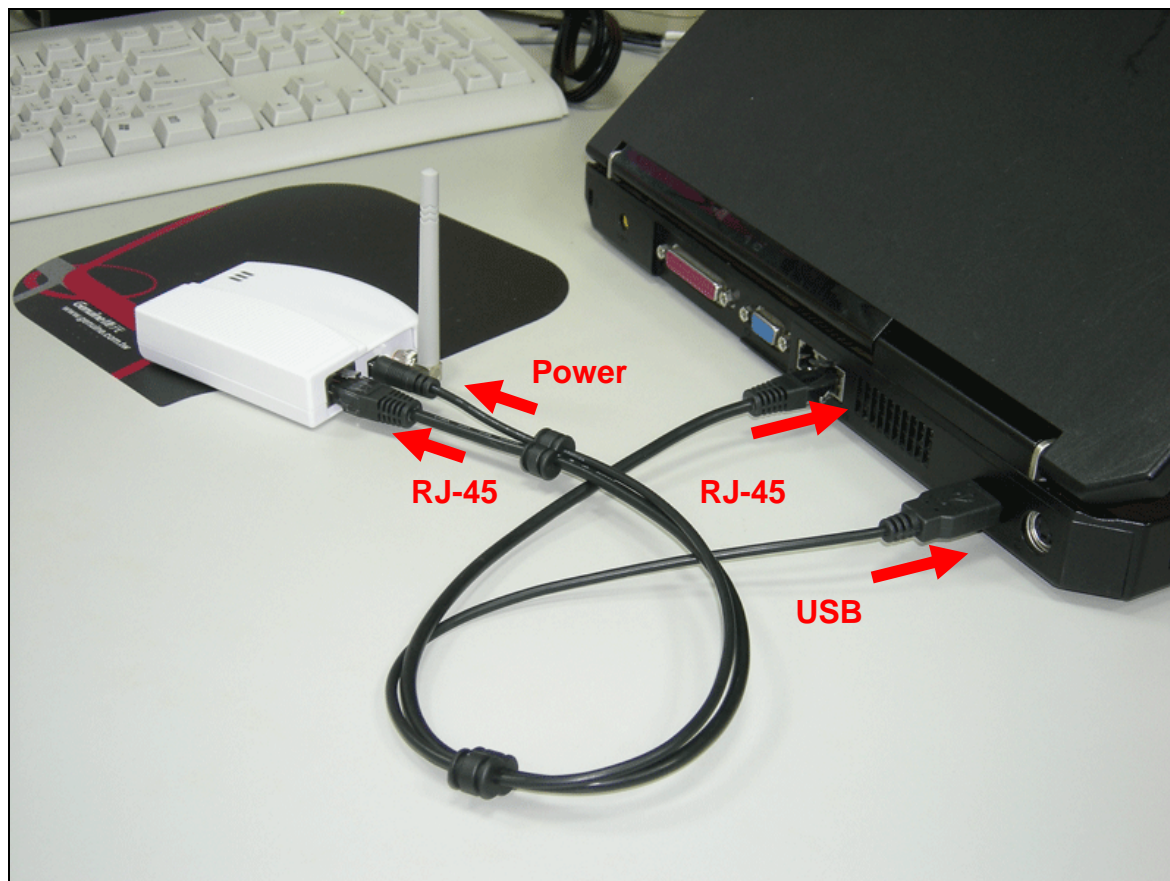
Adaptateur d'alimentation

## 2. Installation du Matériel

### 2.1 Connecter le Point d'Accès au Portable / PC

Le WCM-110 est conçu pour être alimenté par l'interface USB de votre portable / PC. Quand le portable / PC est allumé, l'interface USB est capable de fournir une alimentation de 5V DC mais pas de transmission de données. Ceci suffit pour opérer le WCM-110.

Veillez vous référer au schéma suivant pour l'installation du matériel.



## 2.2 Voyants LED

Le WCM-110 est équipé de voyants LED pour la Liaison, l'Activité et l'Alimentation. Référez-vous au tableau ci-dessous pour les définitions des LED:

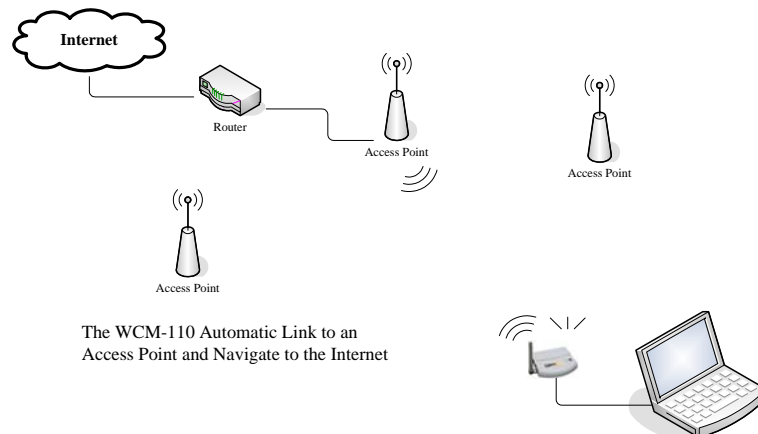
LED	Couleur	Etat	Définition
Liaison	Rouge	Allumé Eteint	Le périphérique est connecté au Réseau Ethernet. Le périphérique est éteint ou il n'y a pas de connexion Ethernet.
Activité	Bleu	Allumé Eteint	Le périphérique est allumé et prêt. Le périphérique est éteint.
Alimentation	Orange	Allumé Eteint	Le périphérique est allumé et prêt. Le périphérique est éteint ou est en séquence d'initialisation.

## 3. Configurer Paramètres TCP/IP sur Portable / PC

### 3.1 Accéder Automatiquement au Réseau

Après l'initialisation du WCM-110, celui-ci scanner les points d'accès pour rejoindre le réseau.

Si l'un d'entre eux est disponible dans le voisinage, il rejoint automatiquement le point d'accès et puis navigue sur internet.



Notez que votre portable / PC est configuré pour obtenir l'Adresse IP grâce à un serveur DHCP.

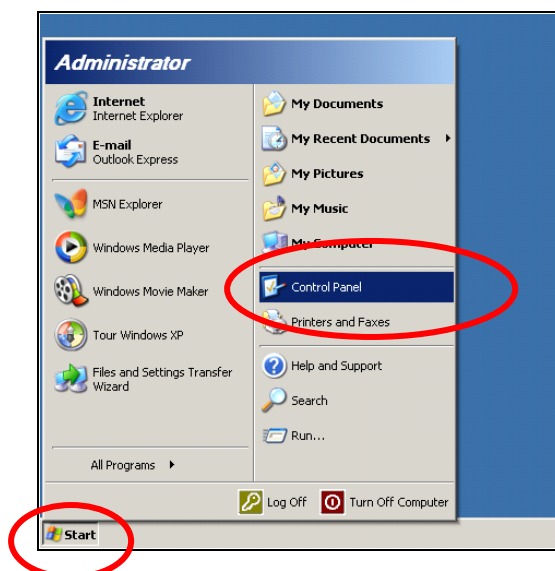
### 3.2 Configurer manuellement pour l'Accès réseau

Vous pourriez à avoir à configurer manuellement le WCM-110 pour accéder au réseau si la méthode automatique ne peut joindre un point d'accès idéal. Veuillez suivre les étapes suivantes pour la configuration:

#### 3.2.1 Changer l'Adresse IP de votre portable / PC (Windows Système XP):

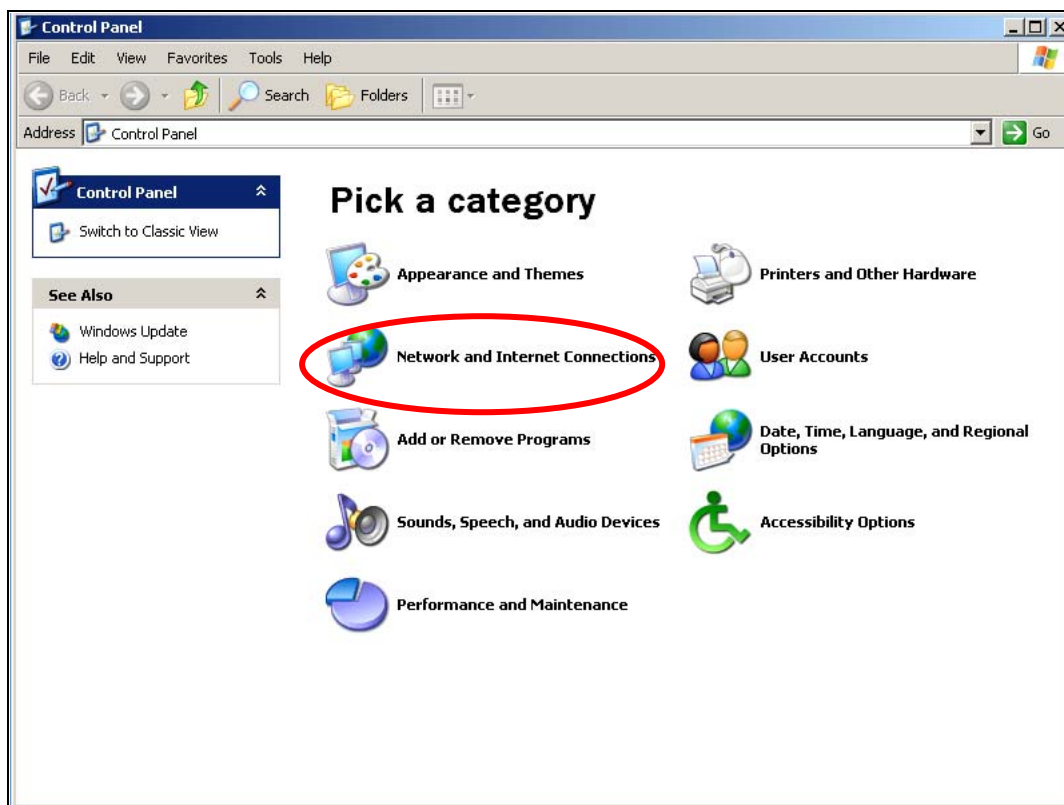
##### Étape 1

Cliquer **Démarrer** → **Panneau de Configuration**



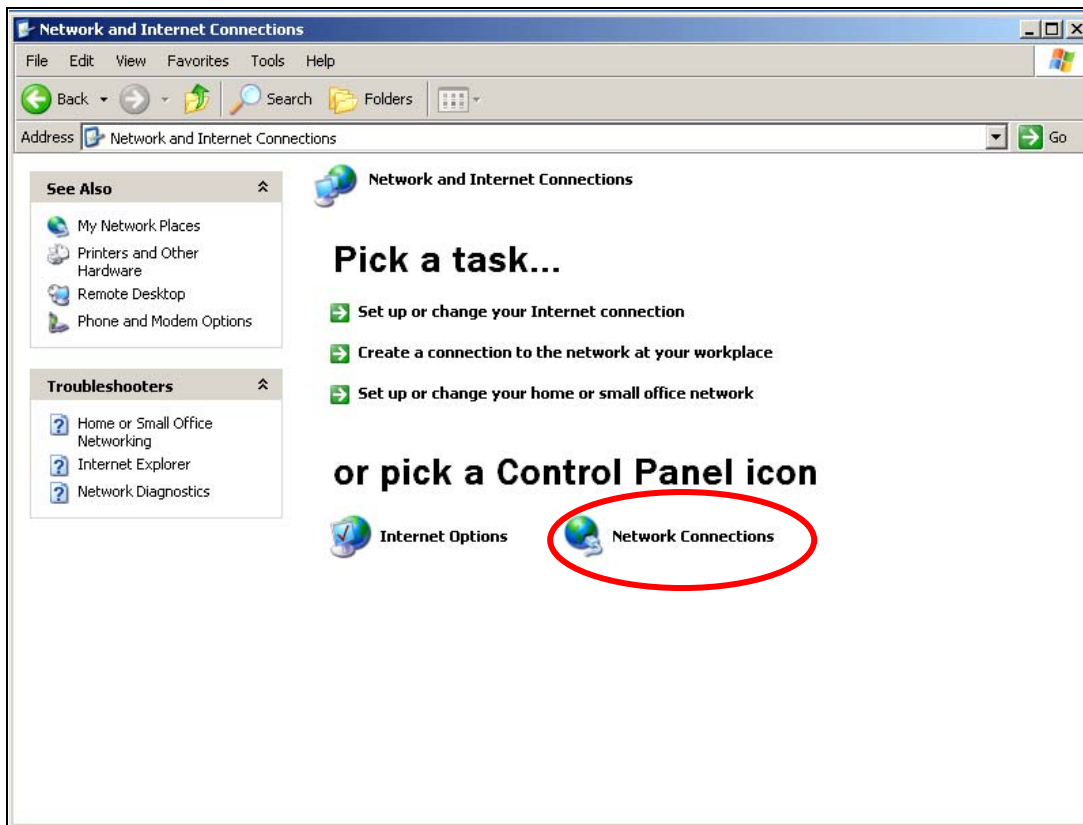
## Étape 2

La fenêtre du **Panneau de Configuration** s'affiche. Double-cliquer sur l'icône **Connexions réseau et Internet**:



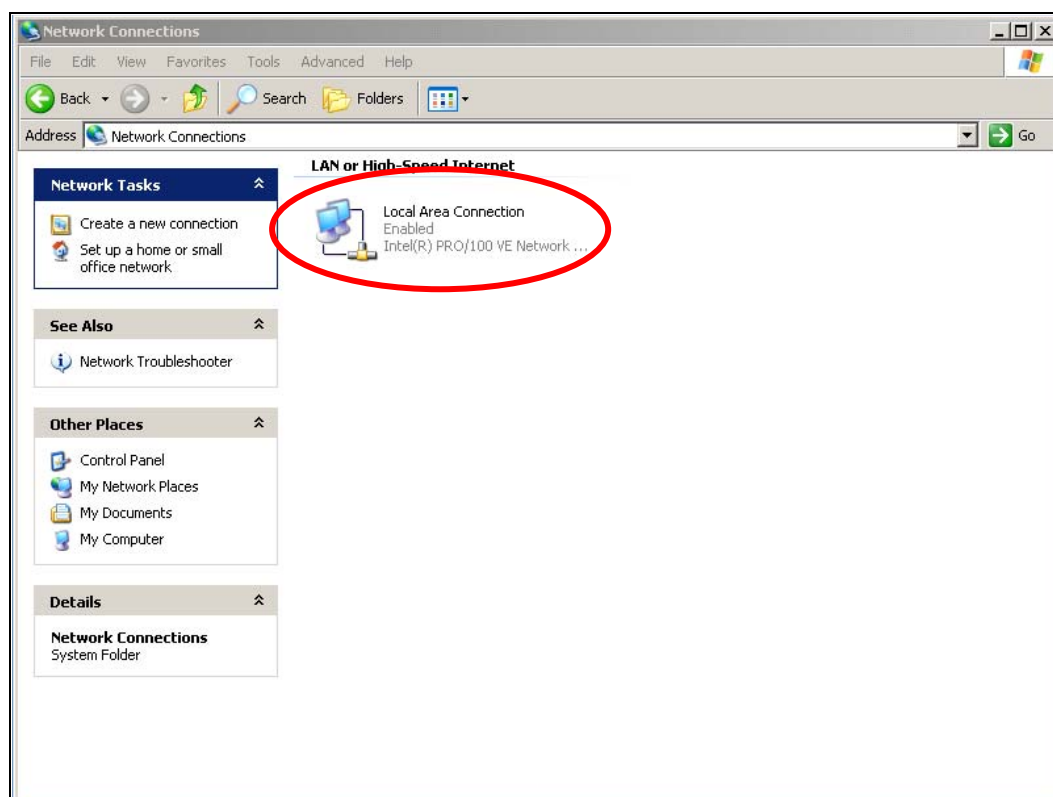
## Étape 3

Cliquer sur l'icône **Connexions réseau** dans la fenêtre suivante.



#### Étape 4

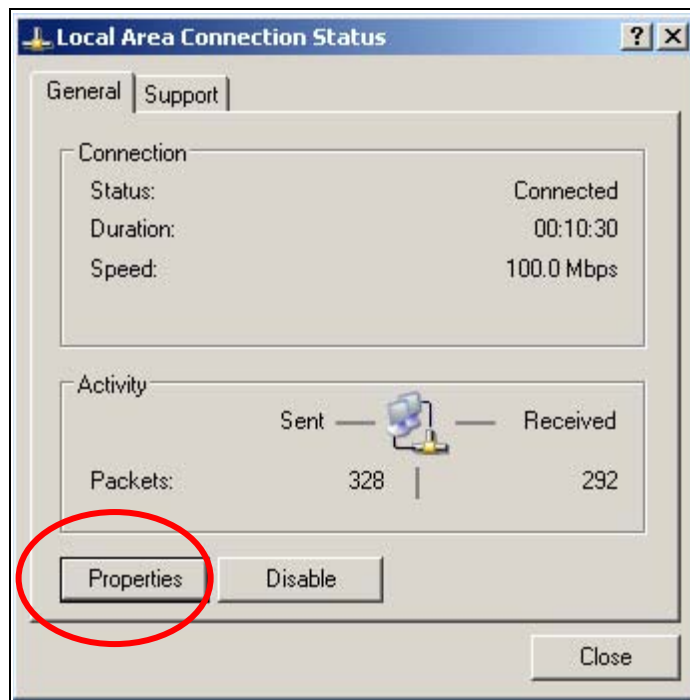
Double-cliquer sur l'icône **Connexion au Réseau Local** dans la fenêtre suivante.



#### Étape 5

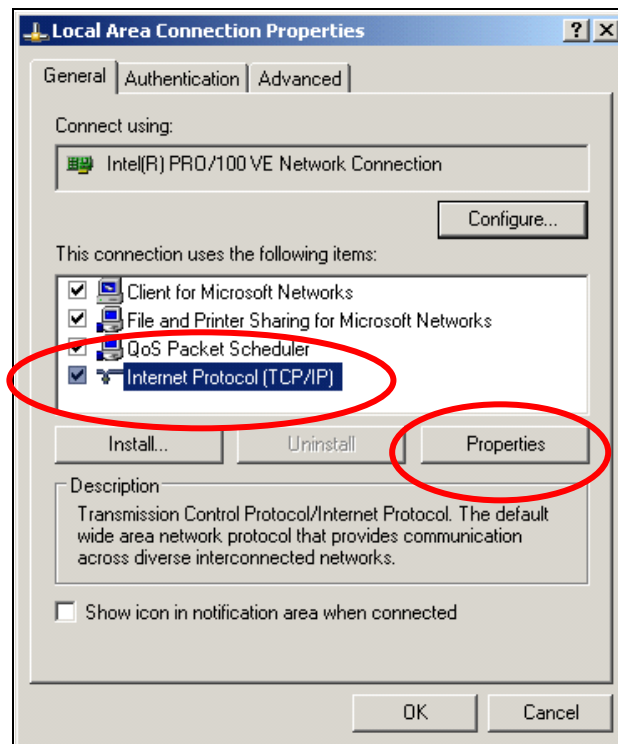
Le menu **Etat de connexion au réseau local** s'affiche. Cliquer sur le bouton

## Propriétés.



## Étape 6

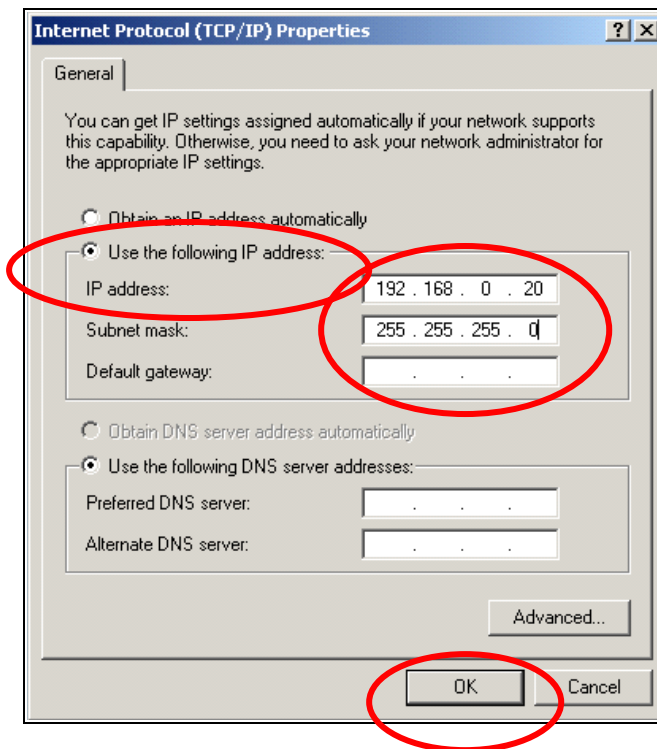
Le menu **Propriétés de Connexion au réseau local** apparaît. Dans l'onglet de Configuration **Général**, localiser et sélectionner **Protocole Internet (TCP/IP)** avec la carte de réseau correspondante, puis cliquer sur le bouton **Propriétés**.



## Étape 7



Le menu **Propriétés de Protocole Internet (TCP/IP)** apparaît alors.  
Sélectionner **Utiliser l'adresse IP suivante** et saisir l'adresse IP **192.168.0.20** et **255.255.255.0** pour le Masque de sous-réseau puis cliquer sur **OK**.



## Étape 8

Fermer tous les menus de configuration du réseau pour sauvegarder.

**Note:** Les étapes précédentes changent l'Adresse IP de votre portable / PC afin qu'elle se situe dans le même segment IP que le WCM-110 de façon à pouvoir le gérer.

## 4. Configurer le Point d'Accès

Le WCM-110 fournit une interface Web pour la configuration; veuillez suivre les étapes suivantes:

### 4.1 Se Connecter à l'Interface de Gestion du Web

Ouvrez votre navigateur web, et saisissez <http://192.168.0.10> (L'adresse IP par défaut de WCM-10) dans la barre d'adresse, puis pressez Enter.



Une fenêtre d'authentification apparaîtra alors. Saisir **admin** dans le champ username (nom de l'utilisateur) et **admin** dans le champ password (mot de passe), puis cliquer sur **OK**.



### 4.2 Rejoindre un Point d'Accès sur le Réseau Sans Fil

Utiliser la Fonction de recherche des Points d'Accès de Site Survey

Une fois connecté, vous accédez à la page de gestion web de WCM-110.

Cliquer sur l'intitulé **Site Survey** dans le menu.

### Radio Setting

association table	Service Set ID (SSID)	wlan-g
radio	<input checked="" type="checkbox"/> Response to Broadcast SSID requests	
security	AP/UR/WB Mode	WB Mode
ipconfig	RF Channel	Auto - Channel 7
filter	Parent SSID	wlan-g
<b>site survey</b>	Use Preferred BSSID	Disabled
upgrade	Parent BSSID	00:00:00:00:00:00

Apply Reset Cancel

La fonction **Site Survey** établit la liste des Points d'Accès recensés.

Rejoindre un point d'Accès

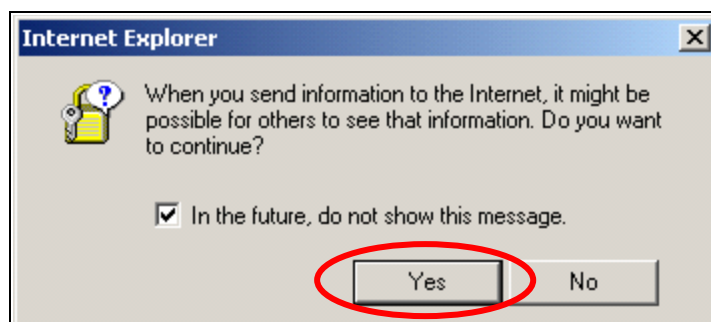
Sélectionner le Point d'Accès auquel votre WCM-110 veut se connecter et cliquer sur le bouton **Join (Rejoindre)**. (Cliquer sur le bouton **Scan** pour interroger les Points d'Accès à nouveau si besoin est.)

### Site Survey

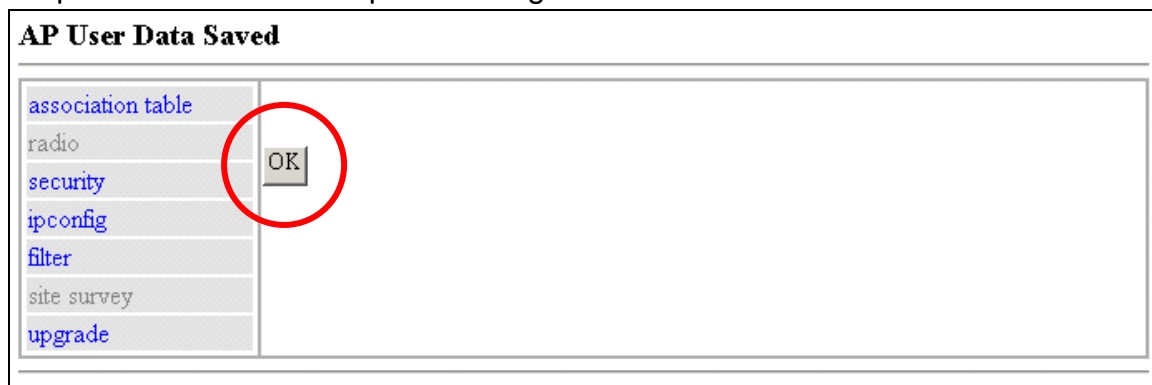
association table	SSID	BSSID	Channel	AP	Mode	Security	Strength
radio	<input checked="" type="radio"/> 1590	00:0e:8e:7a:d4:94	1	Yes	G	WEP	4
security	<input type="radio"/> optech	00:90:4b:33:95:20	1	Yes	B	WEP	2
ipconfig	<input type="radio"/> ipcam	00:0e:8e:b7:39:e6	10	Yes	G	WEP	24

Scan **Join** Reset

Cliquer sur le bouton **Yes** pour continuer si le menu apparaît.



Cliquer sur le bouton **OK** pour sauvegarder.



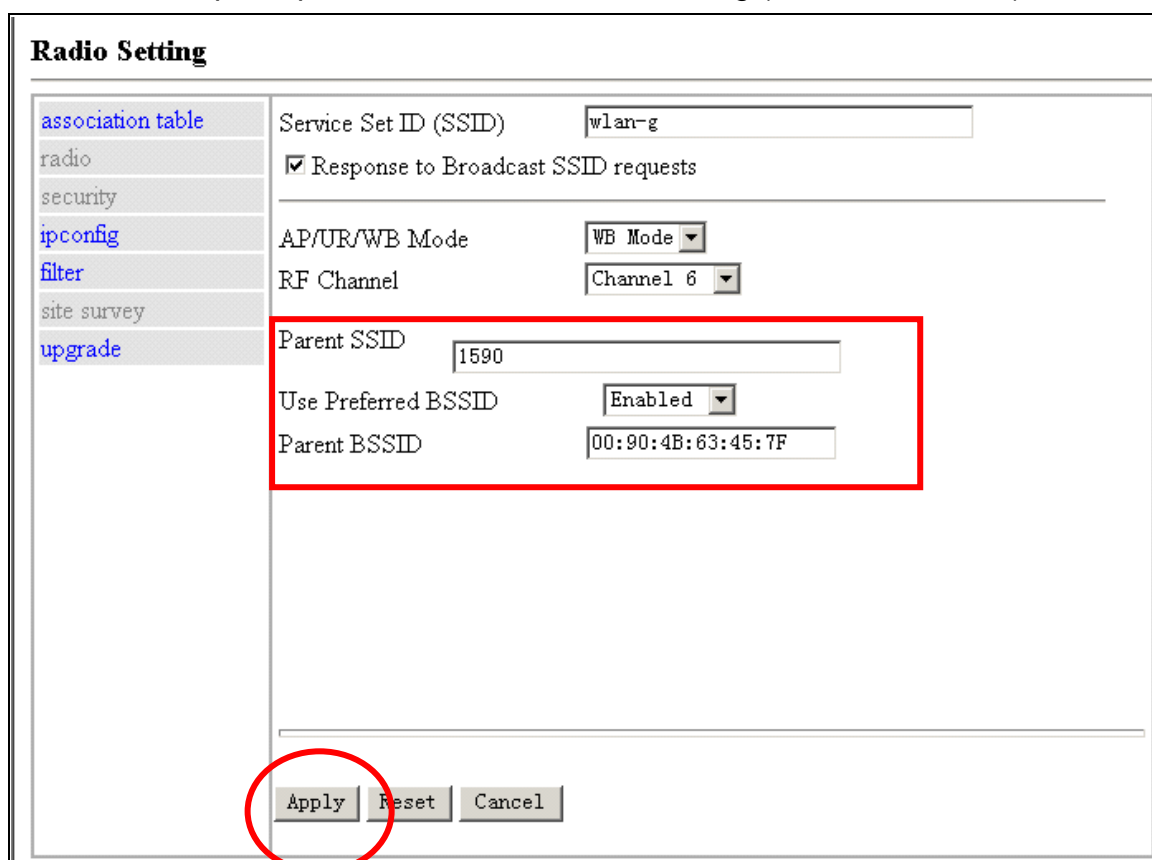
**AP User Data Saved**

association table	<input type="button" value="OK"/>
radio	
security	
ipconfig	
filter	
site survey	
upgrade	

### 4.3 Configurer le Paramètre Radio

Le menu retournera alors vers la page principale.

Les informations concernant le point d'accès que vous avez rejoint sont copiées dans les champs disponibles du menu Radio Setting (Paramètre Radio).



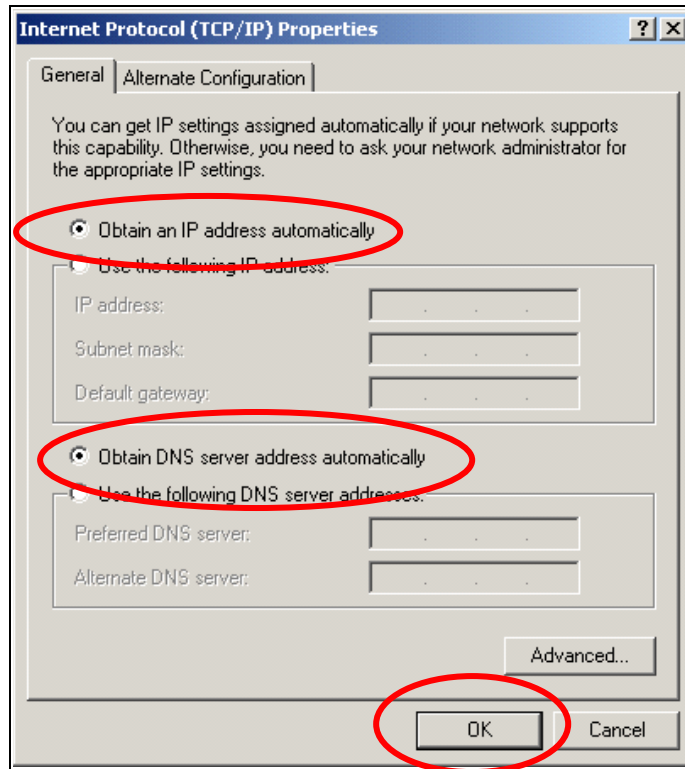
**Radio Setting**

association table	Service Set ID (SSID)	<input type="text" value="wlan-g"/>
radio	<input checked="" type="checkbox"/> Response to Broadcast SSID requests	
security	AP/UR/WB Mode	<input type="text" value="WB Mode"/>
ipconfig	RF Channel	<input type="text" value="Channel 6"/>
filter	Parent SSID	<input type="text" value="1590"/>
site survey	Use Preferred BSSID	<input type="text" value="Enabled"/>
upgrade	Parent BSSID	<input type="text" value="00:90:4B:63:45:7F"/>

Cliquer sur le bouton **Apply** (Utiliser) pour confirmer.

### 4.4 Obtenir l'Adresse IP Automatiquement

Se référer à la section **3. Configurer les Paramètres TCP/IP sur le Portable / PC** et configurer les paramètres TCP/IP pour obtenir l'Adresse IP automatiquement.



Fermer les menus de configuration du réseau pour sauvegarder.  
 Vous pouvez accéder à internet grâce au point d'accès.

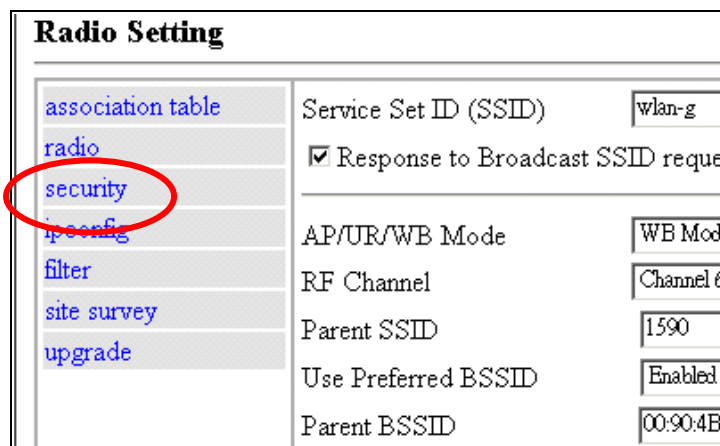
## 4.5 Configurer la Sécurité

La plupart du temps, le Point d'Accès du réseau cache la SSID ou bien établit un mot de passe pour empêcher tout accès non autorisé. Il requiert une configuration avancée pour la sécurité pour pouvoir passer par le point d'accès sélectionné.

L'exemple suivant connecte au Point d'Accès avec l'encryptage WEP.

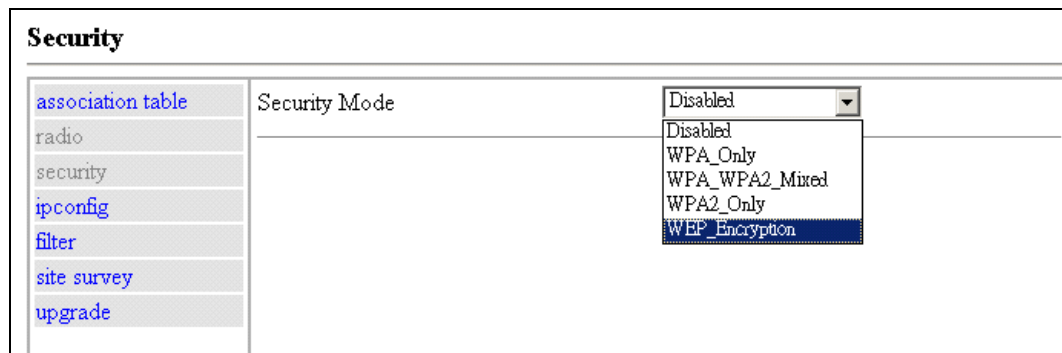
(Configurer manuellement votre Adresse IP afin d'être d'abord dans l'adresse de sous-réseau dans le point d'accès)

Cliquer sur l'intitulé **Security**.



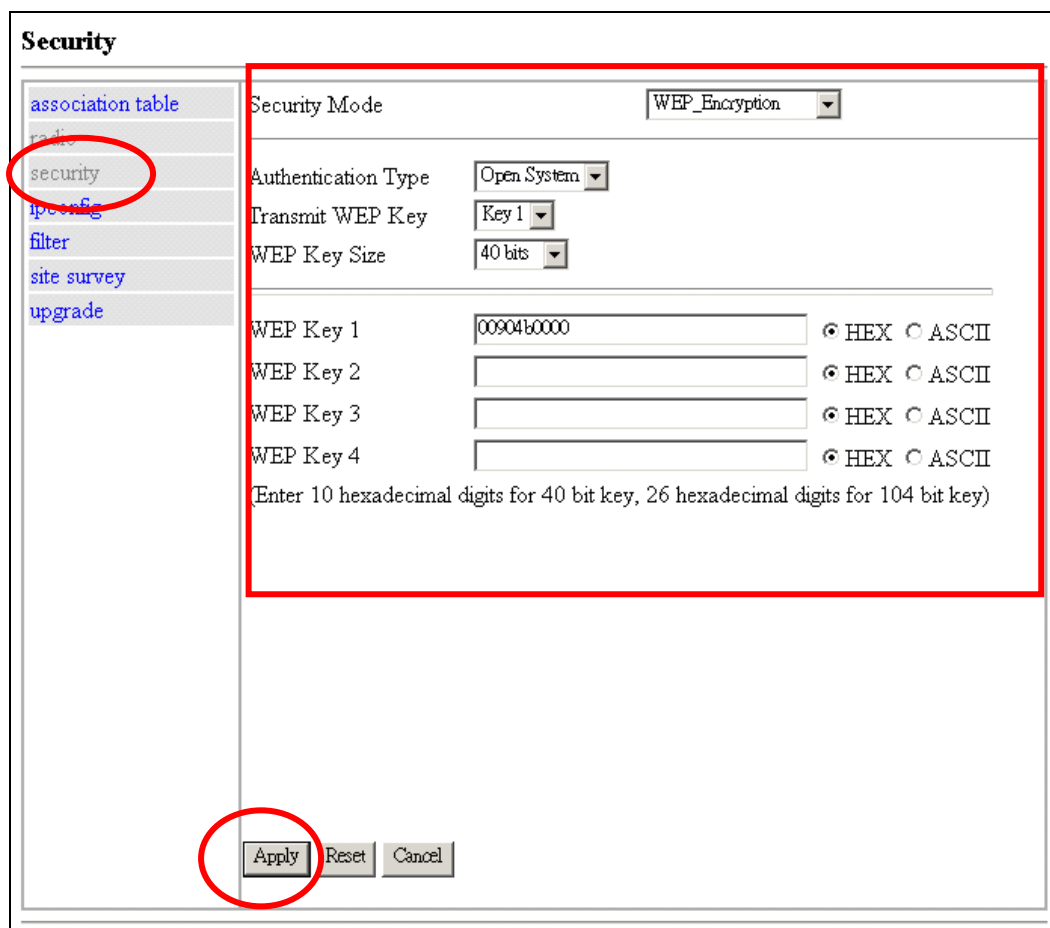
Dans l'écran du menu Sécurité, le mode de Sécurité par défaut est **"Disabled"**

(Désactivé). Utiliser le menu déroulant pour sélectionner **WEB\_Encryption** (Encrytage WEB) comme Mode de Sécurité.



The screenshot shows the 'Security' configuration page. On the left is a navigation menu with items: association table, radio, security, ipconfig, filter, site survey, and upgrade. The main content area has a 'Security Mode' dropdown menu currently set to 'Disabled'. The dropdown menu is open, showing the following options: Disabled, WPA\_Only, WPA\_WPA2\_Mixed, WPA2\_Only, and WEP\_Encryption. The 'WEP\_Encryption' option is highlighted with a blue background.

L'écran devient alors le menu de configuration des paramètres tel que suit. Sélectionner **Authentication Type** (Type d'Authentification), **Transmit WEP Key** (Transmettre la Clé WEP), et **WEP Key Size** (Taille de la Clé WEP) et remplir le champ **WEP Key** (Clé WEP). Cliquer sur le bouton **Apply** (Utiliser) pour sauvegarder.



The screenshot shows the 'Security' configuration page with the 'WEP\_Encryption' mode selected. The 'security' menu item on the left is circled in red. The main configuration area is enclosed in a red rectangular box. It contains the following fields: 'Authentication Type' set to 'Open System', 'Transmit WEP Key' set to 'Key 1', and 'WEP Key Size' set to '40 bits'. Below these are four 'WEP Key' input fields, with the first containing '00904b0000'. Each key field has radio buttons for 'HEX' (selected) and 'ASCII'. A note at the bottom of the key fields reads: '(Enter 10 hexadecimal digits for 40 bit key, 26 hexadecimal digits for 104 bit key)'. At the bottom of the page, the 'Apply' button is circled in red, along with 'Reset' and 'Cancel' buttons.

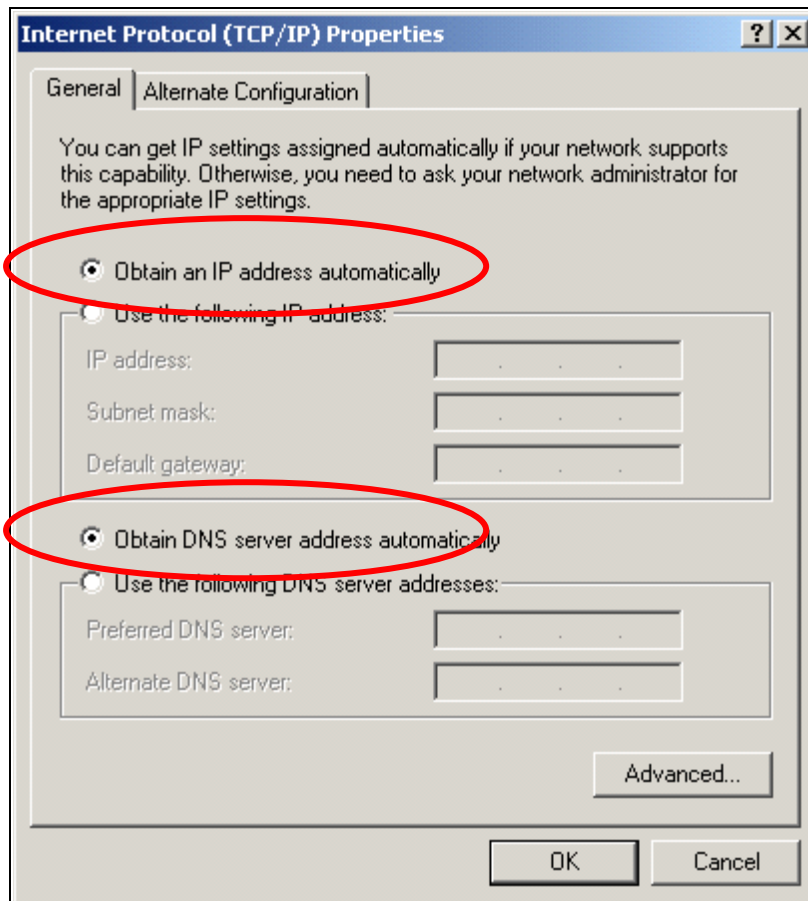
L'écran **AP User Data Saved** (Données de l'Utilisateur du Point d'Accès Sauvegardées) apparaît, cliquer sur le bouton **OK** pour sauvegarder.

## AP User Data Saved



## 4.6 Obtenir l'Adresse IP Automatiquement

Se référer à la section 3. **Configurer les Paramètres TCP/IP sur le Portable / PC** et configurer les paramètres TCP/IP pour obtenir l'Adresse IP automatiquement.



Fermer les menus de configuration du réseau pour sauvegarder.

Pour une configuration détaillée, veuillez vous référer au manuel de l'utilisateur  
inclus dans le CD-ROM.





# 1. Vor der Installation

Danke für Ihren Kauf dieses kabellosen 802.11g Ethernet-Adapters. Diese Anleitung hilft Ihnen beim Einrichten und Aufstellen Ihres Adapters mit einfachen Anleitungen zur Installation. Weitere detailliertere oder erweiterte Einstellungen sind in der Benutzeranleitung auf der CD-ROM enthalten.

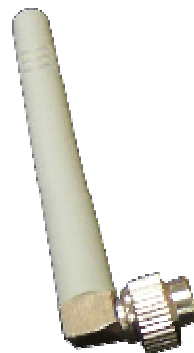
## Inhalt der Verpackung

Sicherstellen, dass die folgenden Artikel in der Verpackung vorhanden sind:

- ✓ Kabelloser 802.11g Ethernet-Adapter
- ✓ Entfernbare 2dBi RSMA-Antenne
- ✓ Kurzanleitung
- ✓ CD-ROM mit Benutzeranleitung
- ✓ Combo-Kabel für die Stromversorgung und das Netzwerk
- ✓ AC-Netzadapter, 5V / 1A-Ausgang



Kabelloser Ethernet-Client-Adapter



Externe Dipol-Antenne



Combo-Kabel für die Stromversorgung  
und das Netzwerk



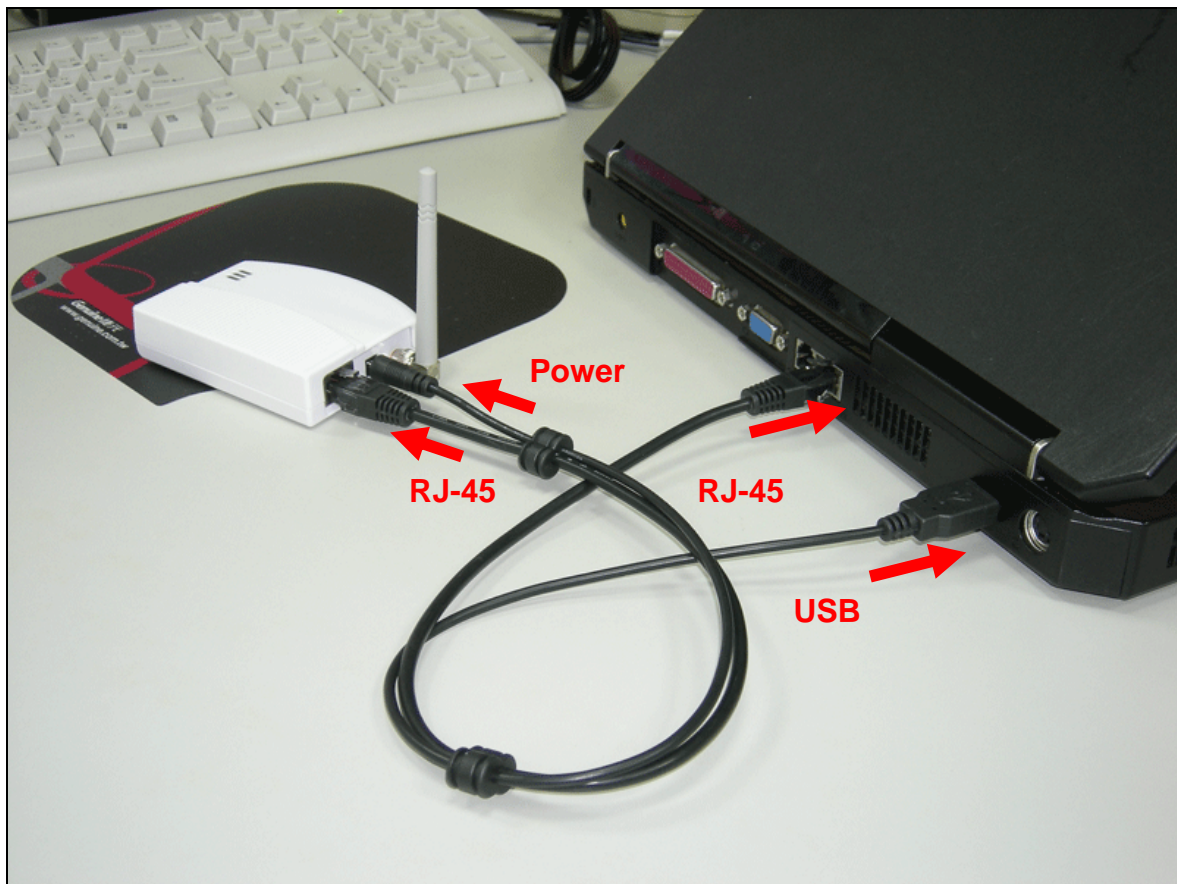
Netzadapter

## 2. Hardware-Installation

### 2.1 Den Adapter an den Laptop/Desktop anschließen

Der WCM-110 ist für den Betrieb über die USB-Schnittstelle Ihres Laptops/Desktops ausgeführt. Beim Einschalten des Laptops/Desktops wird über die USB-Schnittstelle mit Ausnahme der Datenübertragung eine DC-Stromausgabe (Gleichstrom) von 5 V ermöglicht, was für den Betrieb des WCM-110 ausreichend ist.

Die Hardware-Installation wird in der folgenden Abbildung dargestellt.



## 2.2 LED-Anzeigedioden

Der WCM-110 ist mit LED-Anzeigedioden zur Anzeige der Verbindung (Link), des Betriebs (Activity) und der Betriebsanzeige (Power) ausgestattet. Diese LED-Anzeigedioden sind in der nachstehenden Tabelle beschrieben:

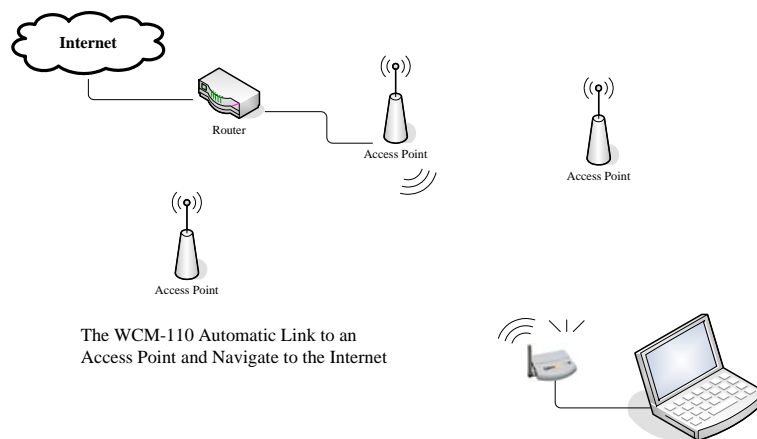
LED	Color	Status	Definition
Verbindung (Link)	Rot	Ein Aus	Das Gerät ist mit einem Ethernet-Netzwerk verbunden. Das Gerät ist ausgeschaltet oder es besteht keine Verbindung mit dem Ethernet.
Betrieb (Activity)	Blau	Ein Aus	Das Gerät ist eingeschaltet und betriebsbereit. Das Gerät ist ausgeschaltet.
Betriebsanzeige (Power)	Orange	Ein Aus	Das Gerät ist eingeschaltet und betriebsbereit. Das Gerät ist ausgeschaltet oder führt eine Startreihenfolge (Boot-Sequence) aus.

## 3. Die TCP/IP-Einstellungen des Laptop/Desktop konfigurieren

### 3.1 Automatischer Zugang zum Netzwerk

Nach dem Einschalten des WCM-110 können die Access-Points zum Verbinden mit dem Netzwerk abgetastet (gescannt) werden.

Falls einer innerhalb des Bereiches vorhanden ist, wird dieser automatisch mit dem Access-Point verbunden, wonach im Internet navigiert wird.



The WCM-110 Automatic Link to an Access Point and Navigate to the Internet	Der WCM-110 wird automatisch mit einem Access-Point verbunden und navigiert im Internet
--	---

Beachten Sie, dass Ihr Laptop/Desktop so konfiguriert ist, dass er die IP-Adresse von einem DHCP-Server erhält.

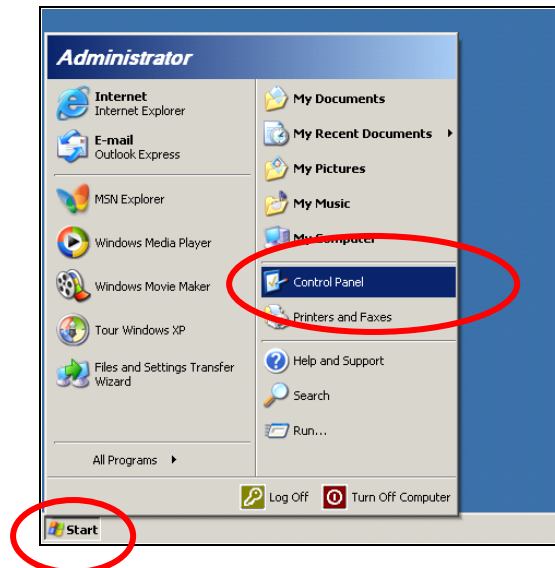
### 3.2 Manuelles Konfigurieren für den Zugang zum Netzwerk

Eventuell muss der WCM-110 für den Zugang zum Netzwerk manuell konfiguriert werden, falls mit der automatischen Methode keine Verbindung mit einem idealen Access-Point hergestellt werden kann. Zur Konfiguration die folgenden Schritte befolgen:

#### 3.2.1 Die IP-Adresse Ihres Laptops/Desktops abändern (Windows XP System):

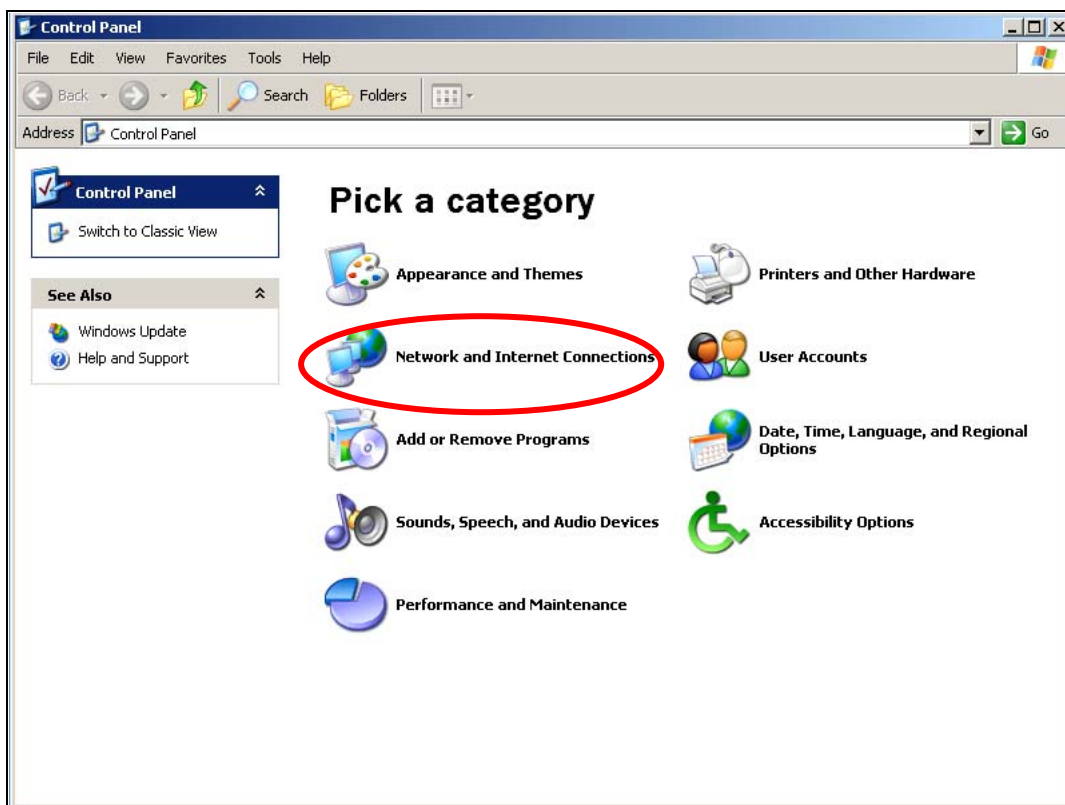
##### Schritt 1

Auf **Start** → **Systemsteuerung** klicken



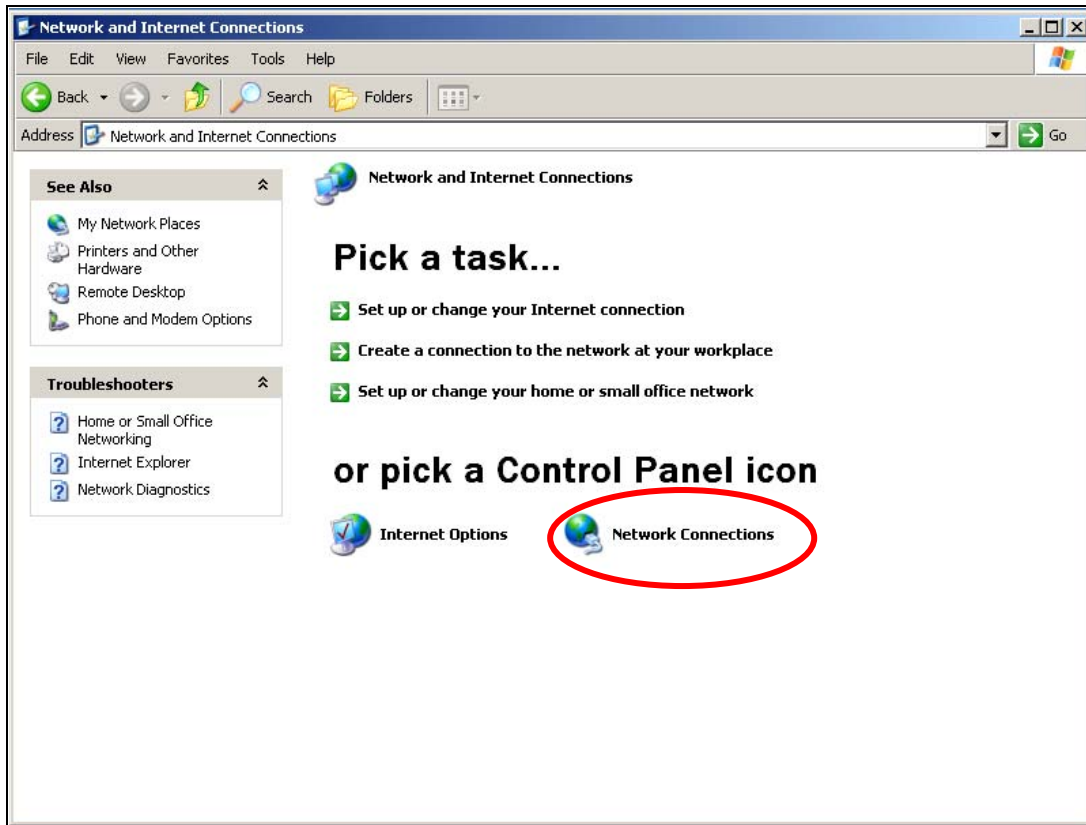
## Schritt 2

Das Fenster mit der **Systemsteuerung** erscheint. Auf das Symbol **Netzwerk- und Internet-Verbindungen** klicken:



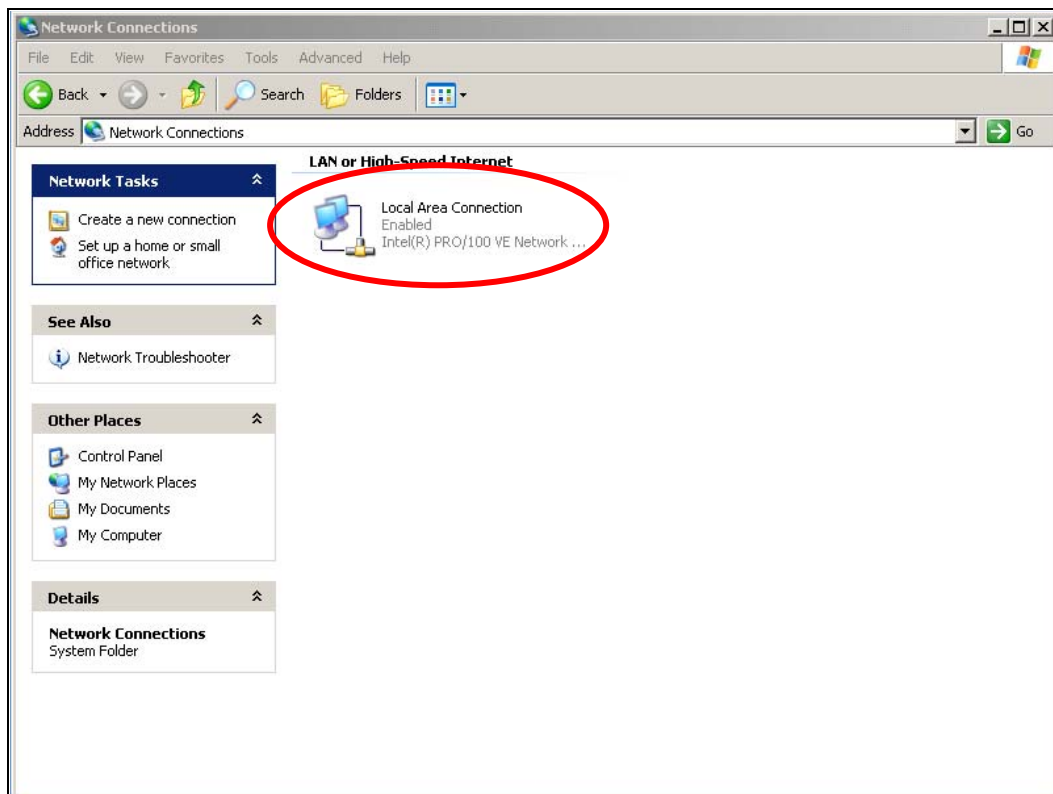
## Schritt 3

Im folgenden Fenster auf das Symbol **Netzwerkverbindungen** klicken.



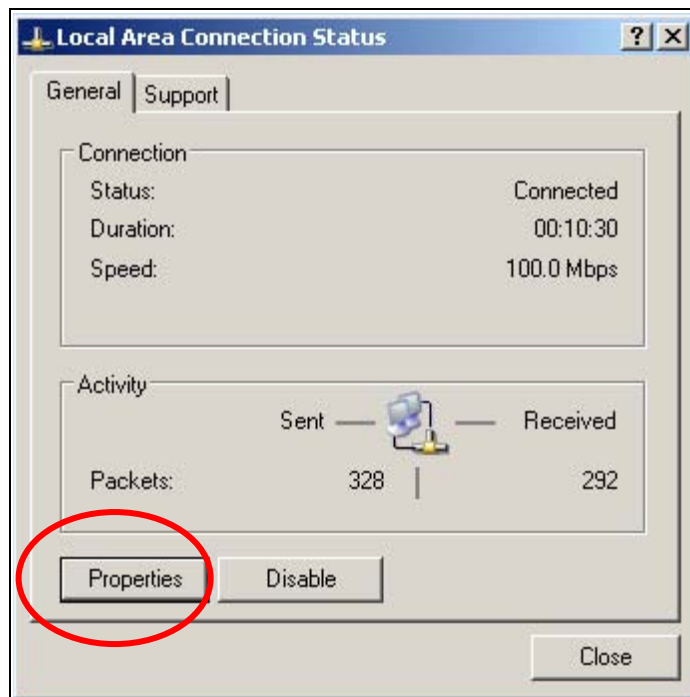
#### Schritt 4

Im folgenden Fenster auf das Symbol **Lokale Netzwerkverbindung** doppelklicken.



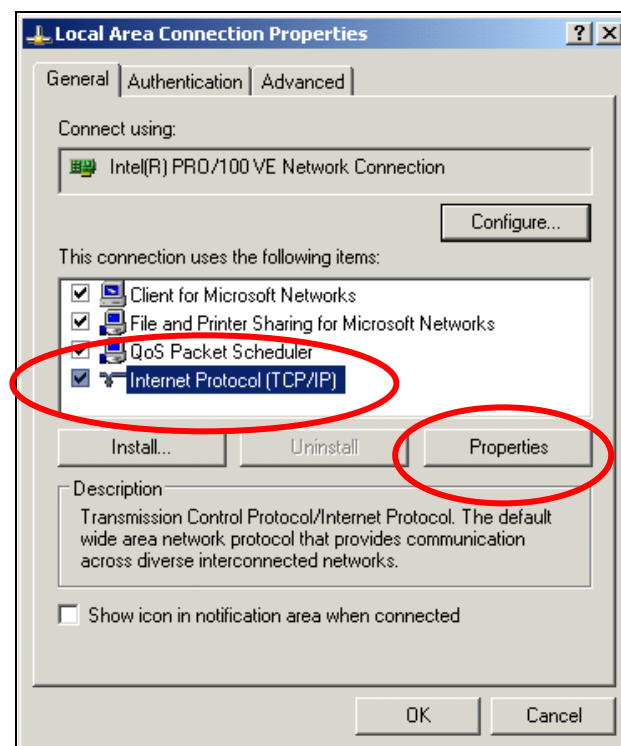
#### Schritt 5

Das Menü **Lokaler Verbindungsstatus** erscheint. Auf **Eigenschaften** klicken.



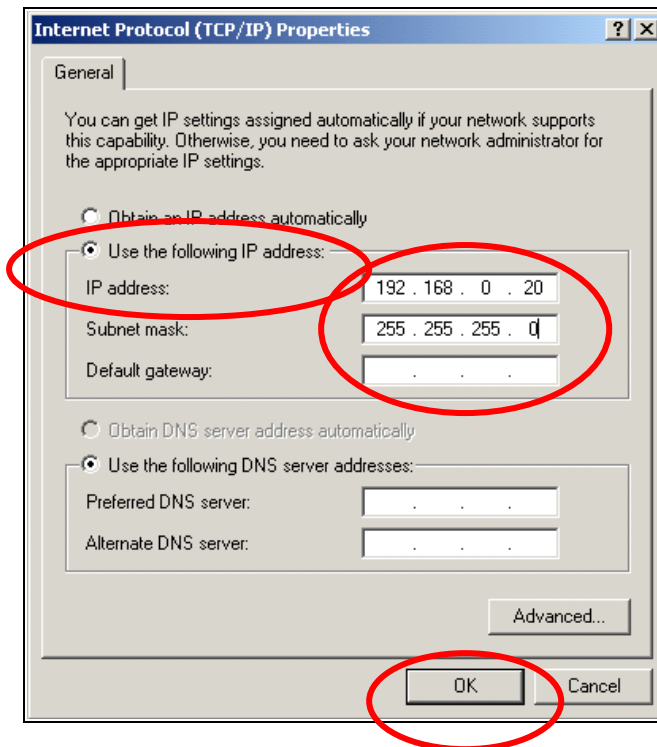
## Schritt 6

Das Menü **Eigenschaften der lokalen Verbindung** erscheint. Auf der Kartei **Allgemeine Konfiguration** das **Internet-Protokoll (TCP/IP)** mit der entsprechenden Netzwerkkarte lokalisieren und danach auf **Eigenschaften** klicken.



## Schritt 7

Das Menü **Eigenschaften des Internet-Protokoll (TCP/IP)** erscheint danach. Die Option **Die folgende IP-Adresse anwenden** auswählen und danach die IP-Adresse mit **192.168.0.20** und **255.255.255.0** für die Subnet-Maske auswählen und danach auf **OK** klicken.



## Schritt 8

Zum Speichern alle Menüs für die Konfiguration des Netzwerkes schließen.

**Hinweis:** Mit den oben beschriebenen Schritten wird die IP-Adresse Ihres Laptops/Desktops so abgeändert, dass sie dasselbe IP-Segment des WCM-110 sein wird, um diese anwenden zu können.



## 4. Den Access-Point konfigurieren

Der WCM-110 besitzt eine Web-Schnittstelle zur Konfiguration. Die nachstehenden Schritte befolgen:

### 4.1 Anmelden bei der Web-Management-Schnittstelle

Den Web-Browser öffnen und <http://192.168.0.10> (die Standard-IP-Adresse des WCM-110) in den Adressenbalken eingeben und auf die Eingabetaste (Enter) drücken.



Ein Fenster zum Authentifizieren erscheint danach. Hier als Benutzernamen **admin** und als Paßwort **admin** in das Paßwortfeld eingeben. Danach auf **OK** klicken.



### 4.2 Verbinden mit einem Access-Point im kabellosen Netzwerk

Für die Suche nach dem Access-Point die Site-Survey-Funktion anwenden. Nach einem erfolgreichen Anmelden erscheint die Web-Management-Seite des WCM-110.

Auf die **Site-Survey**-Menüoption klicken.

### Radio Setting

- association table
- radio
- security
- ipconfig
- filter
- site survey
- upgrade

Service Set ID (SSID)

Response to Broadcast SSID requests

---

AP/UR/WB Mode

RF Channel  - Channel 7

Parent SSID

Use Preferred BSSID

Parent BSSID

---

Radio Setting = Funkeinstellung

Die **Site-Survey**-Funktion listet die Access-Points auf, die gefunden wurden.

Verbinden mit dem Access-Point

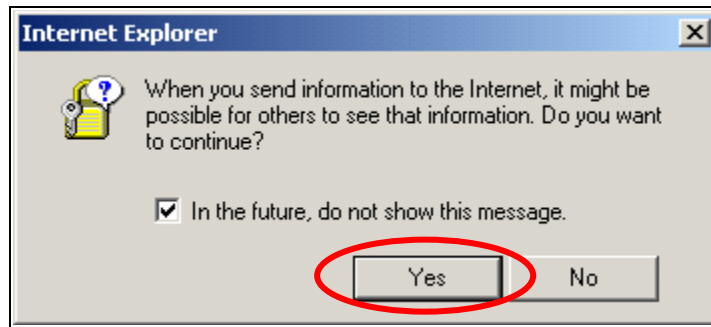
Den Access-Point auswählen, mit dem Ihr WCM-110 eine Verbindung herstellen will und danach auf **Verbinden** klicken. (Für die erneute Suche nach den Access-Points auf **Abtasten** (Scan) klicken, falls notwendig.)

### Site Survey

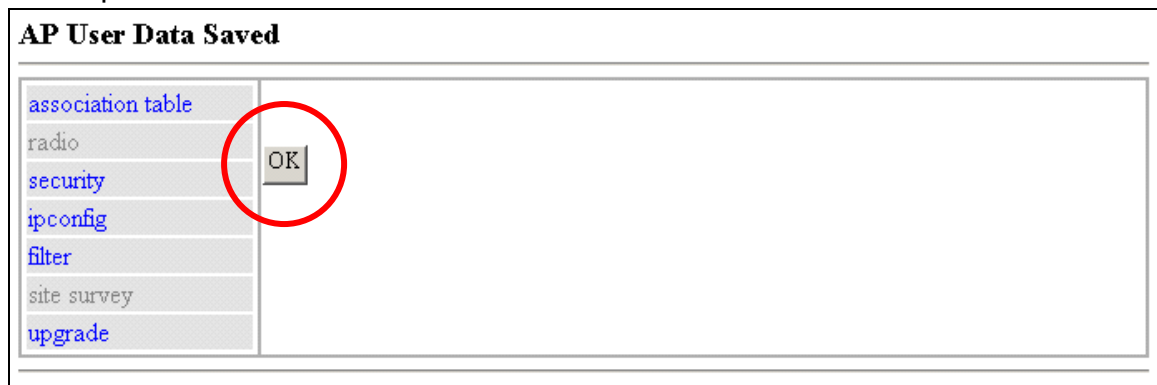
	SSID	BSSID	Channel	AP	Mode	Security	Strength
radio	<input checked="" type="radio"/> 1590	00:0e:8e:7a:d4:94	1	Yes	G	WEP	4
security	<input type="radio"/> optech	00:90:4b:33:95:20	1	Yes	B	WEP	2
ipconfig	<input type="radio"/> ipcam	00:0e:8e:b7:39:e6	10	Yes	G	WEP	24

site survey

Falls das Aufklappmenü erscheint auf **Ja** klicken, um fortzufahren.



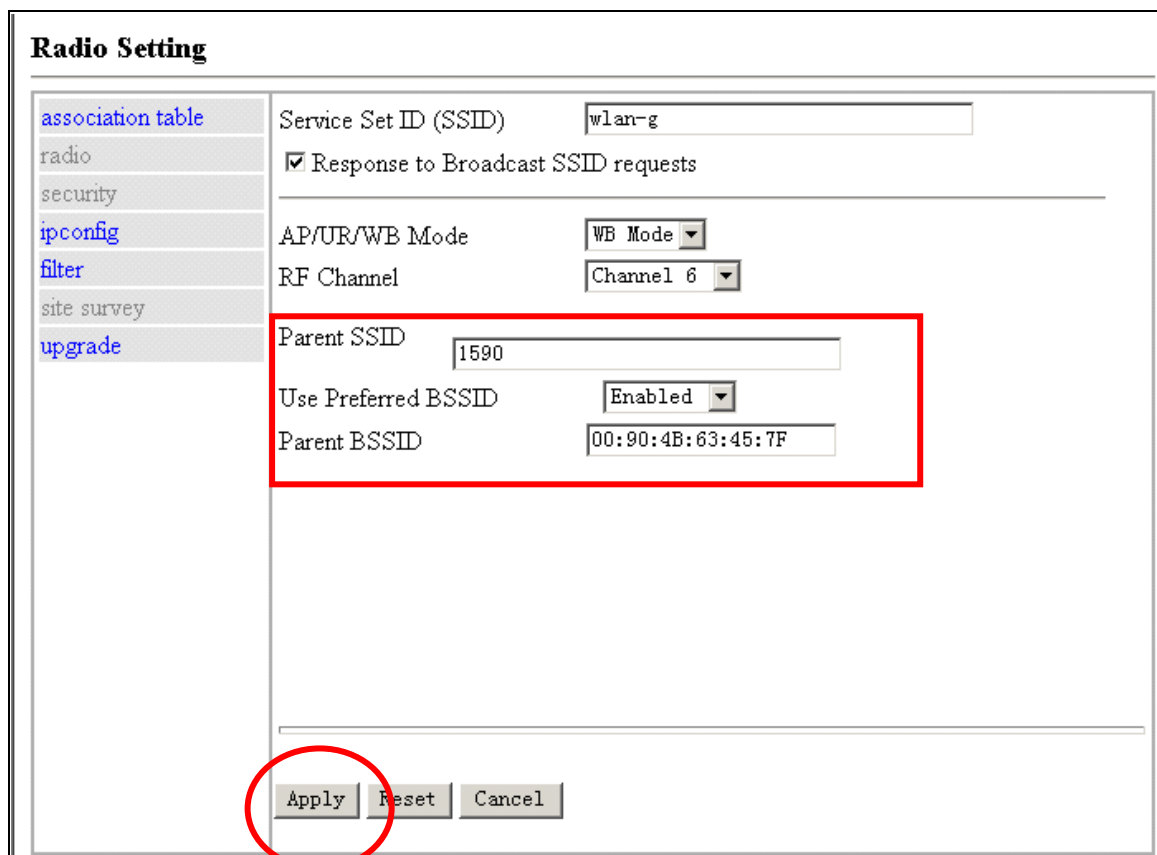
Zum Speichern auf **OK** klicken.



### 4.3 Die Funkeinstellung konfigurieren

Das Menü kehrt danach zur Hauptseite zurück.

Die Informationen über den Access-Point, mit dem eine Verbindung hergestellt wurde, werden in die Menüfelder Funkeinstellungen kopiert.

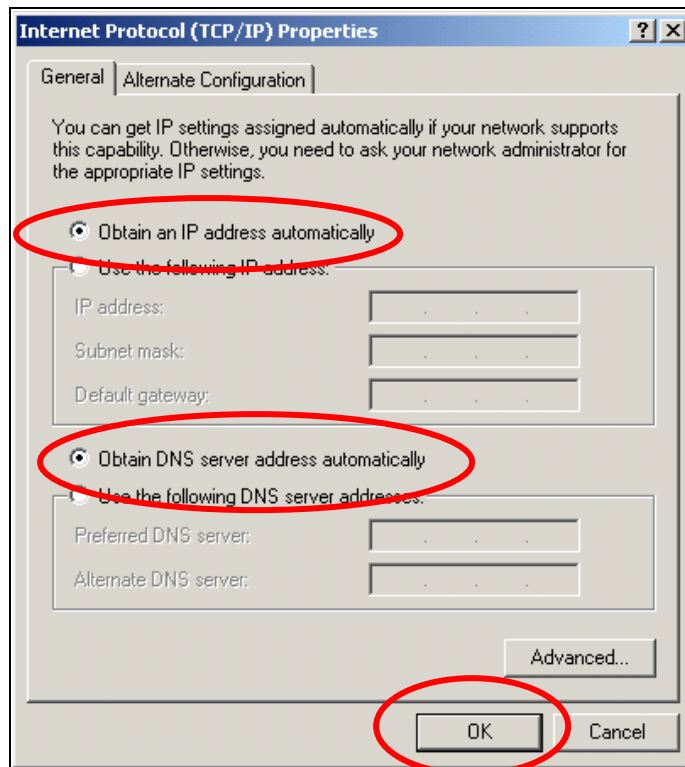


Radio Setting = Funkeinstellung

Zum Bestätigen auf die Taste **Anwenden** klicken.

#### 4.4 Die IP-Adresse automatisch erhalten

Siehe Abschnitt 3. **Die TCP/IP-Einstellungen des Laptops/Desktops konfigurieren** und die TCP/IP-Einstellungen konfigurieren, um automatisch eine IP-Adresse zu erhalten.



Zum Speichern die Netzwerkkonfiguration-Menüs schließen.  
Über einen Access-Point haben Sie nun Zugang zum Internet.

#### 4.5 Die Sicherheit konfigurieren

Meistens wird das SSID vom Access-Point im Netzwerk ausgeblendet oder es wird ein Paßwort bestimmt, um einen unbefugten Zugang zu verhindern. Dies erfordert eine erweiterte Konfiguration der Sicherheit, um durch den ausgewählten Access-Point ins Internet zu gelangen. Das folgende Beispiel zeigt ein Verbinden mit dem Access-Point mit der WEP-Verschlüsselung.

(Zuerst Ihre IP-Adresse manuell konfigurieren, so dass diese im IP-Subnet als Access-Point ist.)

Auf die Option **Sicherheit** klicken.

Radio Setting	
association table	Service Set ID (SSID) wlan-g
radio	<input checked="" type="checkbox"/> Response to Broadcast SSID request
<b>security</b>	
ipconfig	AP/UR/WB Mode WB Mod
filter	RF Channel Channel 6
site survey	Parent SSID 1590
upgrade	Use Preferred BSSID Enabled
	Parent BSSID 00:90:4B

Radio Setting = Funkeinstellung

Im Bildschirm mit dem Sicherheitsmenü ist der Standard-Sicherheitsmodus auf **Deaktiviert** eingestellt. Zum Auswählen des Sicherheitsmodus das Aufklappmenü öffnen und diesen Sicherheitsmodus als WEB\_Encryption (WEB-Verschlüsselung) auswählen.

Security	
association table	Security Mode Disabled
radio	
security	
ipconfig	
filter	
site survey	
upgrade	

Security = Sicherheit

Der Bildschirm wechselt dann wie folgt zum Konfigurationsmenü mit den Parametern um. Hier den **Authentisierungstyp**, **WEP-Schlüssel übertragen** und **WEP-Schlüsselgröße** auswählen und in das **WEP-Schlüssel**-Feld eintragen. Zum Speichern auf **Anwenden** klicken.

**Security**

association table  
radio  
**security**  
ipconfig  
filter  
site survey  
upgrade

Security Mode: WEP\_Encryption

Authentication Type: Open System

Transmit WEP Key: Key 1

WEP Key Size: 40 bits

WEP Key 1: 00904b0000  HEX  ASCII

WEP Key 2:   HEX  ASCII

WEP Key 3:   HEX  ASCII

WEP Key 4:   HEX  ASCII

(Enter 10 hexadecimal digits for 40 bit key, 26 hexadecimal digits for 104 bit key)

Apply Reset Cancel

Security = Sicherheit

Die Nachricht **AP User Data Save serene** (AP-Benutzerdaten gespeichert) erscheint. Zum Speichern auf **OK** klicken.

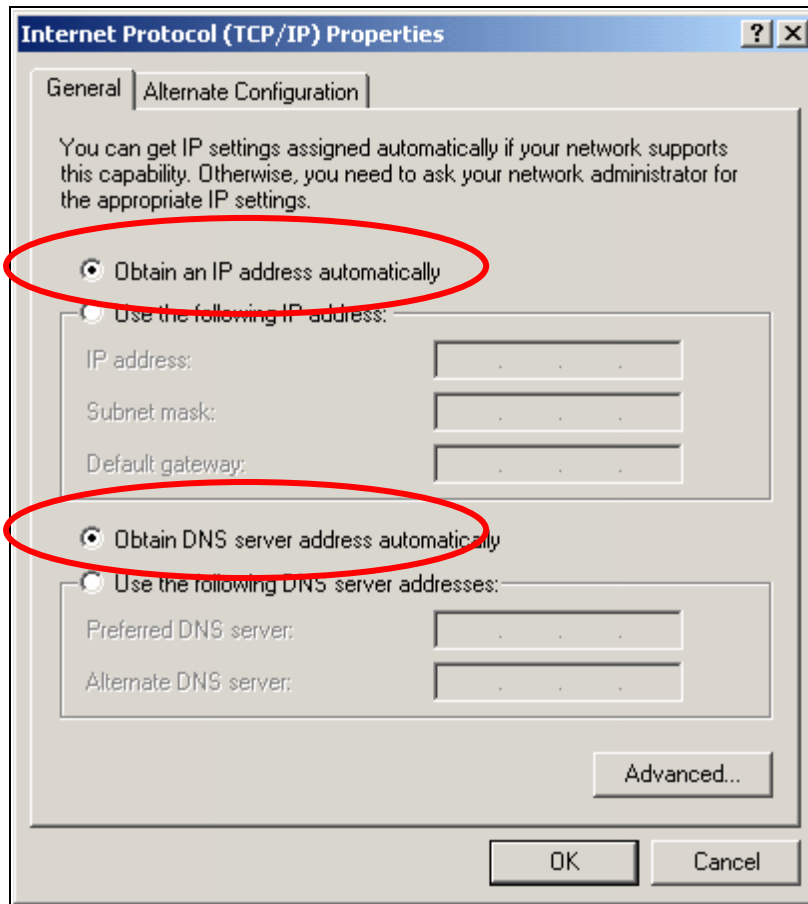
**AP User Data Saved**

association table  
radio  
**security**  
ipconfig  
filter  
site survey  
upgrade

OK

#### 4.6 Die IP-Adresse automatisch erhalten

Siehe Abschnitt 3. **Die TCP/IP-Einstellungen des Laptops/Desktops konfigurieren** und die TCP/IP-Einstellungen konfigurieren, um automatisch eine IP-Adresse zu erhalten.



Zum Speichern die Netzwerkkonfigurationsmenüs schließen.

Detaillierte Angaben zur Konfiguration sind in der Benutzeranleitung auf der CD-ROM enthalten.





## 1. Prima dell'installazione

Noi vi siamo grati per l'acquisto dell'Adattatore Ethernet Wireless 802.11g. Questa guida vi aiuterà ad installare e configurare l'adattatore con istruzioni per l'installazione facili da eseguire. Per ulteriori dettagli o impostazioni avanzate, consultare il Manuale d'Uso nel CD-ROM.

### Contenuto della Confezione

Assicuratevi che nella confezione siano presenti gli articoli seguenti:

- ✓ Adattatore Ethernet 802.11g Wireless
- ✓ Antenna RSMA staccabile 2dBi
- ✓ Guida Veloce all'Installazione
- ✓ CD-ROM del Manuale d'Uso
- ✓ Cavo combinato per Corrente e Rete
- ✓ Adattatore di Corrente AC, Output 5V / 1A



Adattatore Cliente Ethernet Wireless



Antenna Esterna a Dipolo



Cavo Combinato per corrente e rete



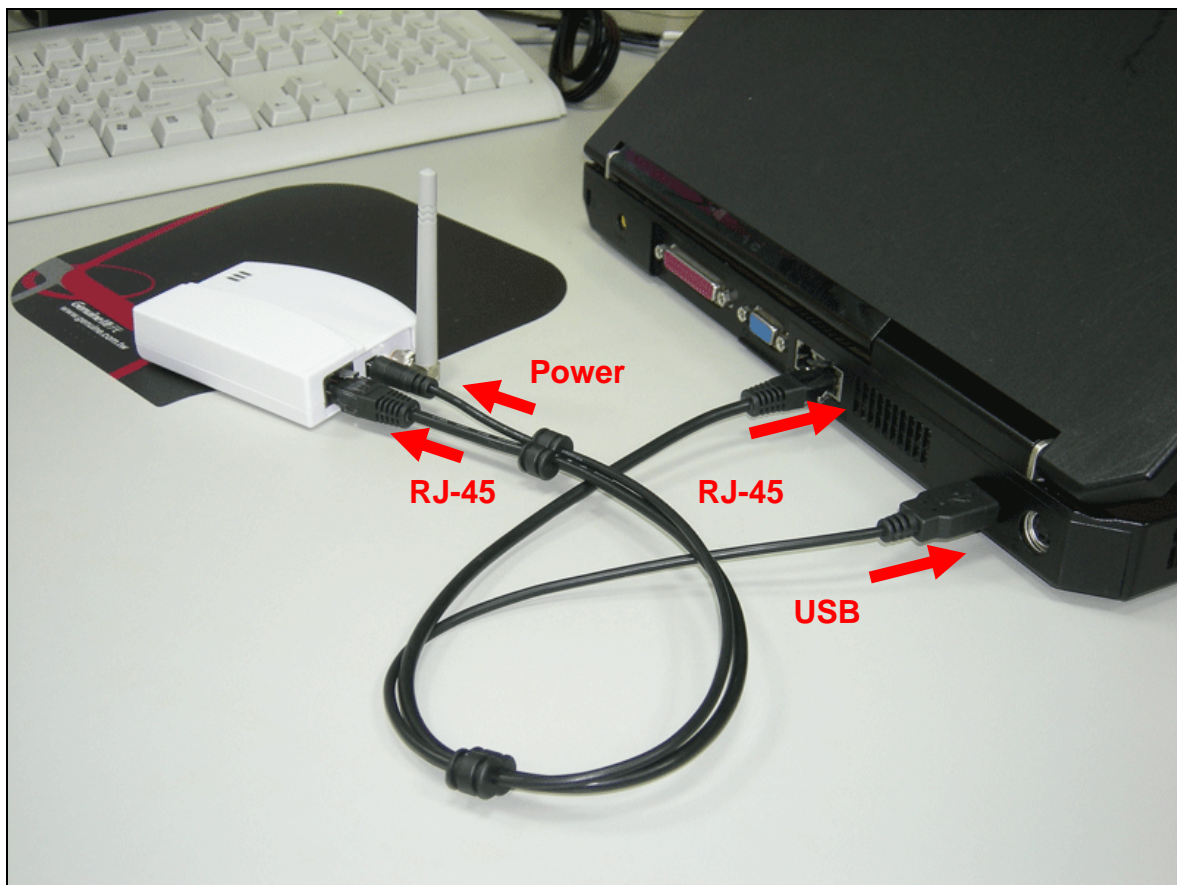
Adattatore di Corrente

## 2. Installazione dell'hardware

### 2.1 Collega l'adattatore al Laptop / Desktop

Il WCM-110 è stato progettato per essere alimentato dall'interfaccia USB del laptop/desktop. Quando il laptop/desktop viene acceso, l'interfaccia USB è in grado di fornire output di corrente DC 5V eccetto la trasmissione dei dati. Questo è sufficiente per far lavorare il WCM-110.

Consultare la figura seguente per l'installazione dell'hardware.



## 2.2 Indicatori LED

Il WCM-110 viene fornito con gli indicatori LED di Link, Attività e Corrente.

Consultare la tavola qui sotto per le definizioni dei LED:

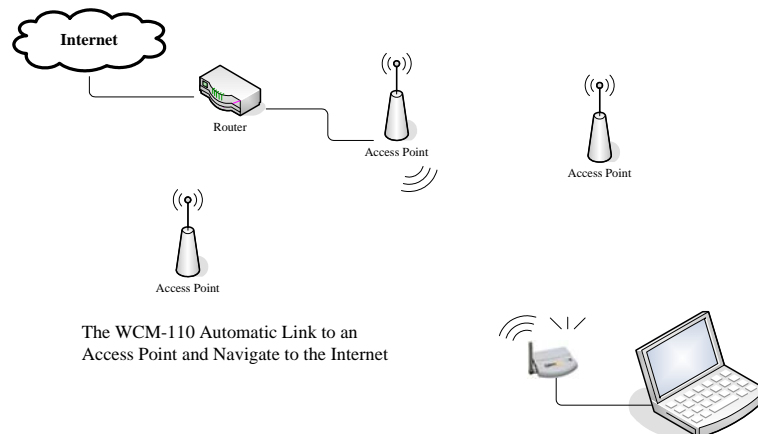
LED	Colore	Stato	Definizione
Link	Rosso	Acceso	Il dispositivo è collegato ad una rete Ethernet.
		Spento	Il dispositivo è spento o non c'è un collegamento Ethernet.
Attività	Blu	Acceso	Il dispositivo è acceso e pronto.
		Spento	Il dispositivo è spento.
Corrente	Arancione	Acceso	Il dispositivo è acceso e pronto.
		Spento	Il dispositivo è spento o sta eseguendo la sequenza di boot.

## 3. Confira Impostazioni TCP/IP on Laptop/Desktop

### 3.1 Accesso Automatico alla Rete

Dopo che il boot di WCM-110 è acceso, esso scandisce i Punti di Accesso per collegarsi alla Rete.

Se ne trova uno nella zona, automaticamente si collega al Punto di Accesso e poi naviga nell'internet.



Notare che il laptop/desktop è configurato per ottenere l'Indirizzo IP da un Server DHCP.

### 3.2 Configura manualmente per Accesso Rete

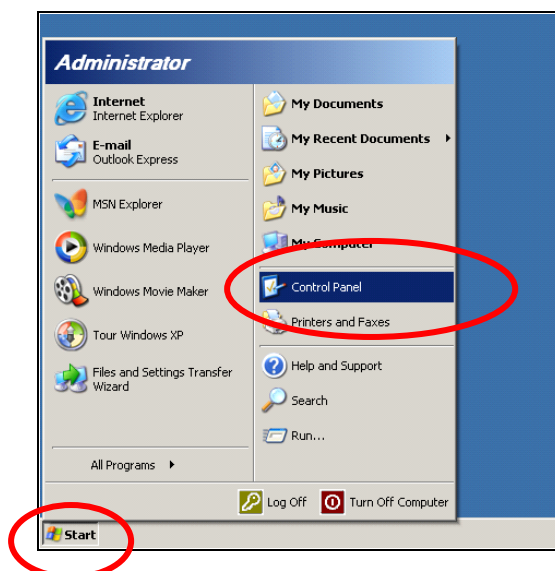
Potreste avere bisogno di configurare manualmente WCM-110 per accedere alla Rete se il metodo automatico non vi collega ad un punto di accesso ideale.

Seguite i seguenti passi per la configurazione:

#### 3.2.1 Cambia l'Indirizzo IP del laptop/desktop (Sistema Windows XP):

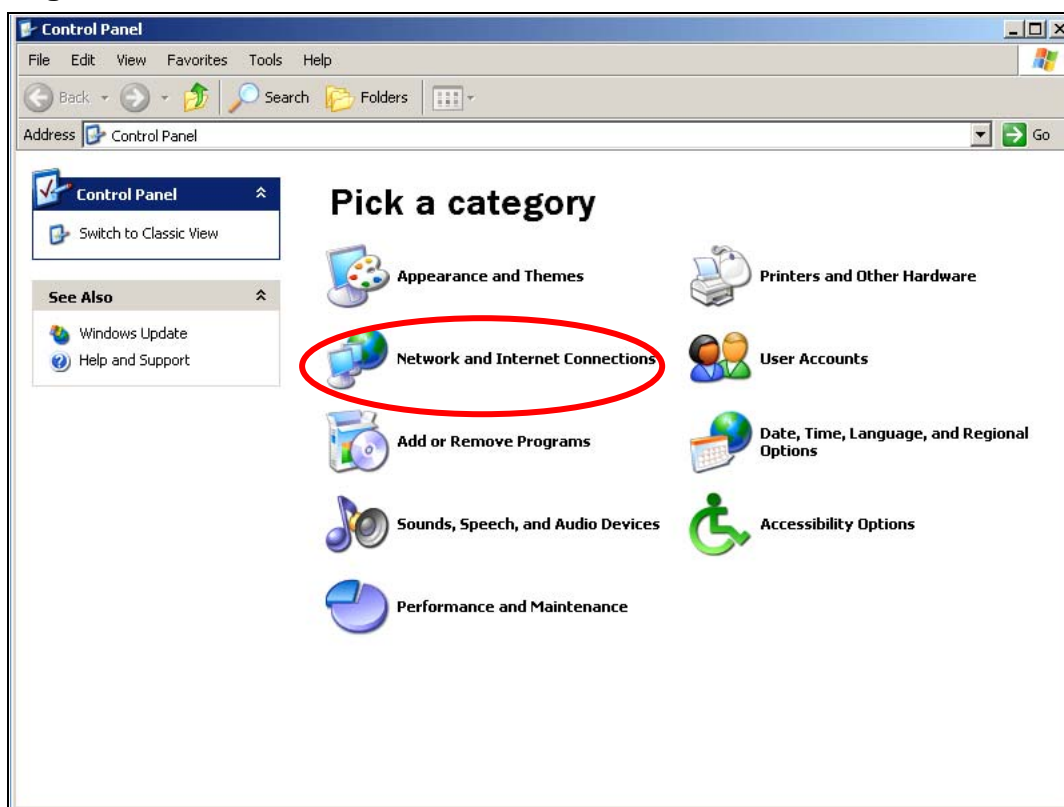
##### Passo n. 1

Cliccate **Avvia** → **Pannello di controllo**



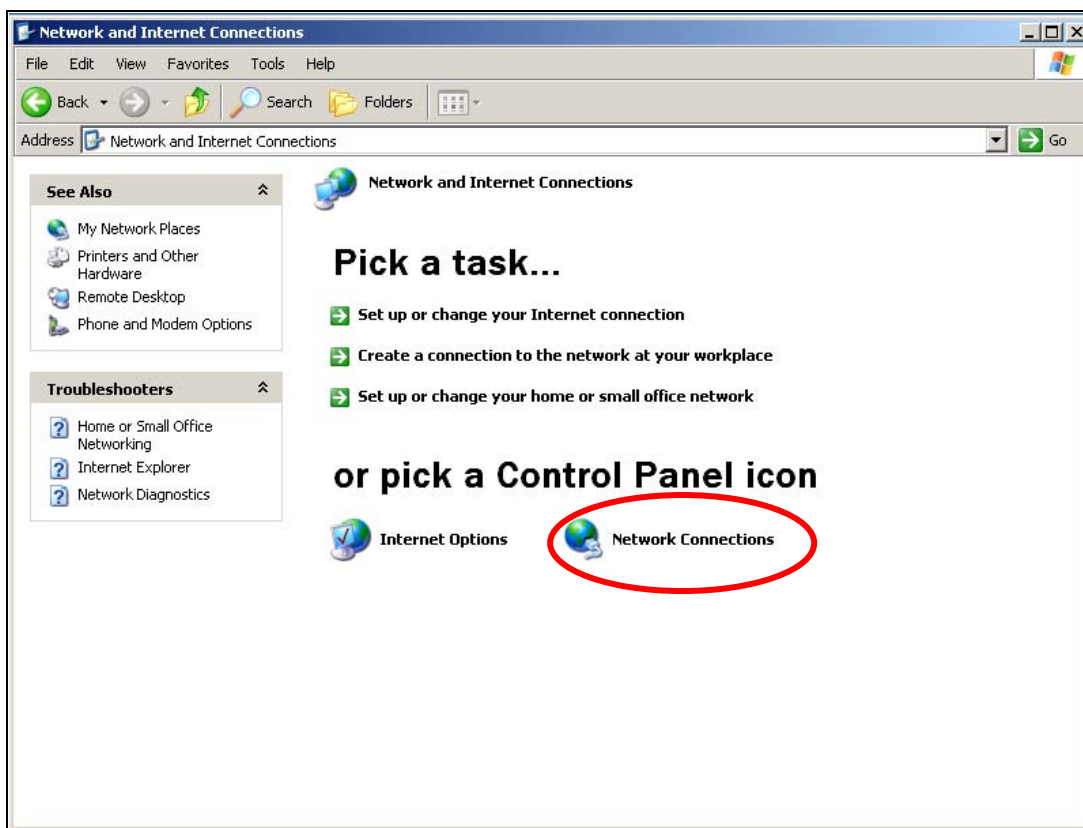
## Passo n. 2

La finestra del **Pannello di controllo** salta fuori. Cliccate due volte l'icona **Rete e Collegamenti Internet**:



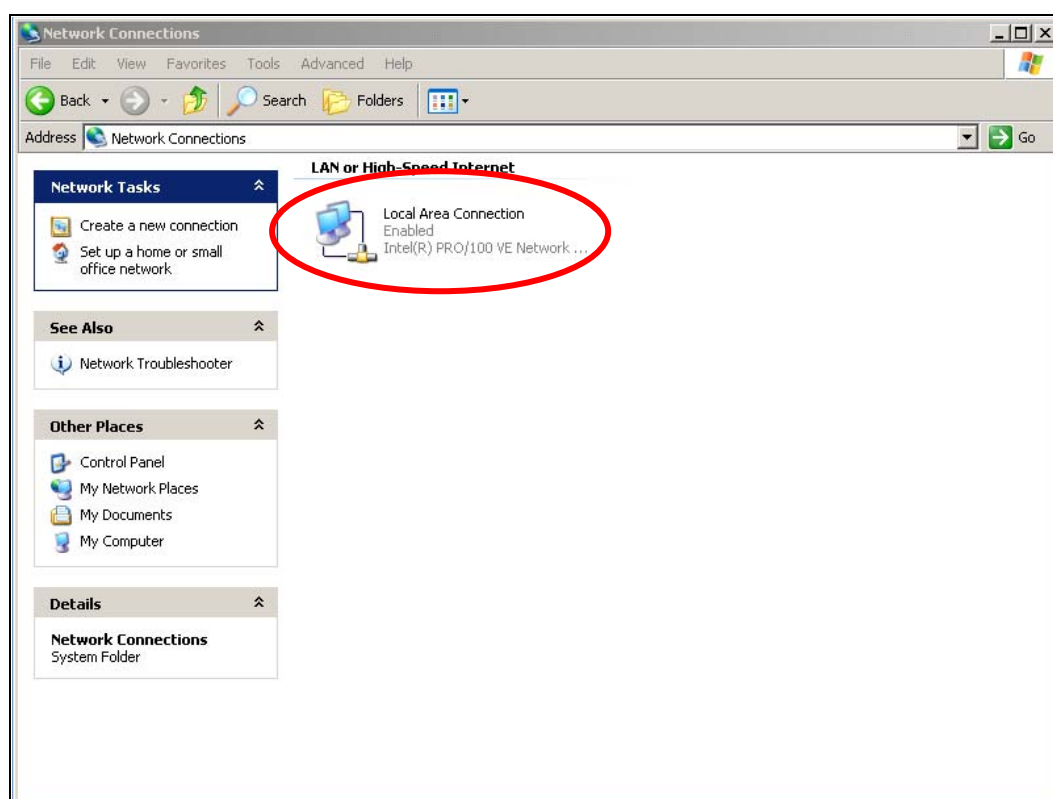
## Passo n. 3

Cliccate l'icona **Collegamenti Rete** nella finestra seguente.



#### Passo n. 4

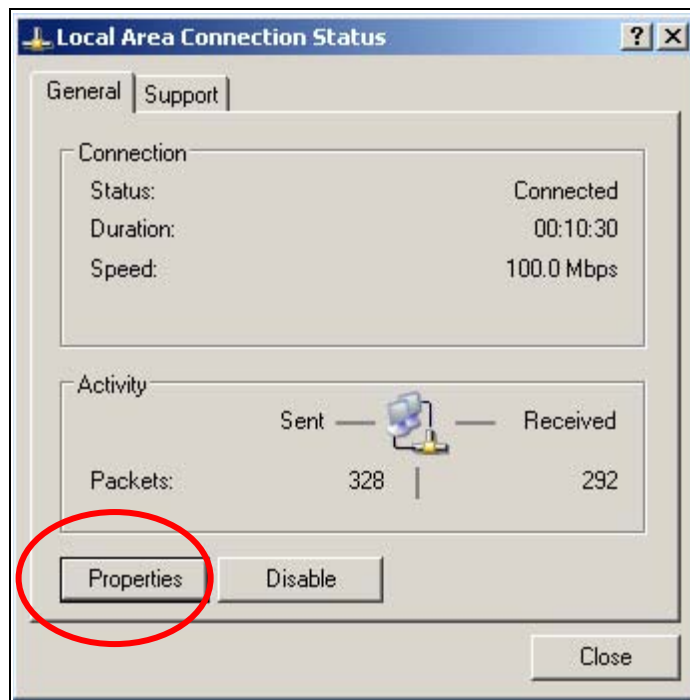
Cliccate due volte l'icona **Collegamento Zona Locale** nella seguente finestra.



#### Passo n. 5

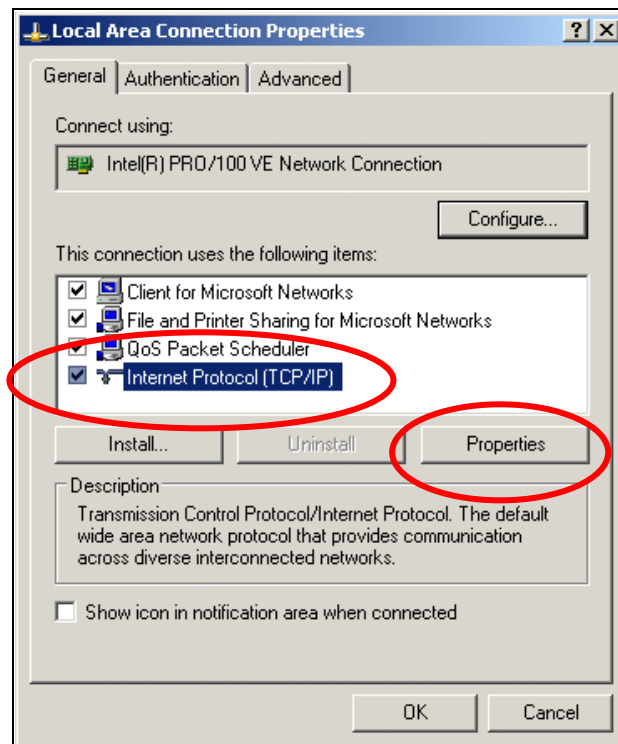
Viene visualizzato il menu **Stato Collegamento Locale**. Cliccate il pulsante

## Proprietà.



## Passo n. 6

Si mostra il menu **Proprietà Collegamento Zona Locale**. Sotto la Tabula di Configurazione **Generale**, trovate e selezionate **Protocollo Internet (TCP/IP)** con la scheda di rete corrispondente, poi cliccate il **pulsante Proprietà**.

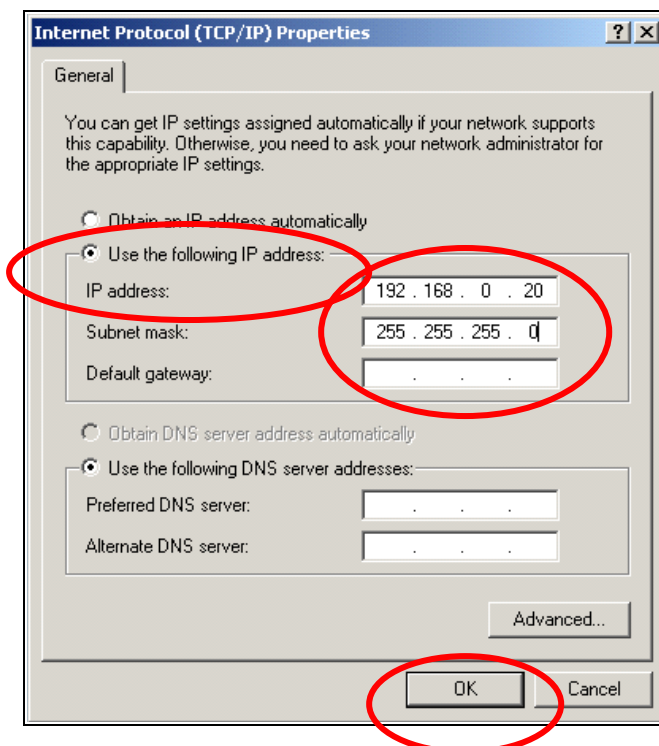


## Passo n. 7

Allora esce fuori il menu **Proprietà Protocollo Internet (TCP/IP)**.

Selezionate **Usa il seguente indirizzo IP** e scrivete l'Indirizzo IP con

**192.168.0.20** e **255.255.255.0** per la Maschera Sottorete, e poi cliccate **OK**.



### Passo n. 8

Chiudete tutti i menu di configurazione rete per salvarli.

**Nota:** I passi suddetti cambiano l'Indirizzo IP del laptop/desktop per farlo rientrare nello stesso segmento IP di WCM-110 allo scopo di gestirlo.



## 4. Configura il Punto di Accesso

Il WCM-110 fornisce l'interfaccia di Rete per la configurazione, seguite i seguenti passi:

### 4.1 Login all'interfaccia gestione rete

Aprire il browser di rete e scrivete <http://192.168.0.10> (L'indirizzo IP predefinito di WCM-10) nella barra dell'indirizzo e premete Enter.



Appare allora una finestra di autenticazione. Scrivete **admin** nel campo del nome utente e **admin** nella password registrata, e poi cliccate **OK**.



### 4.2 Come unirsi ad un Punto di accesso nella Rete Wireless

Usate la Funzione Site Survey Function per cercare i Punti di Accesso  
Dopo un login riuscito, porta fuori la pagina gestione rete di WCM-110.  
Cliccate la voce del menu **Site Survey**.

### Radio Setting

association table	Service Set ID (SSID)	wlan-g
radio	<input checked="" type="checkbox"/> Response to Broadcast SSID requests	
security	AP/UR/WB Mode	WB Mode
ipconfig	RF Channel	Auto - Channel 7
filter	Parent SSID	wlan-g
<b>site survey</b>	Use Preferred BSSID	Disabled
upgrade	Parent BSSID	00:00:00:00:00:00

Apply Reset Cancel

La funzione **Site Survey** elenca i Punti di Accesso che ha trovato.

Come unirsi al Punto di Accesso

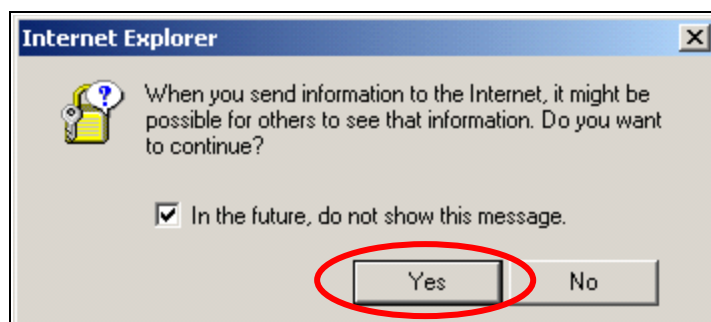
Selezionate il Punto di Accesso a cui il vostro WCM-110 vuole collegarsi, e cliccate il pulsante **Unisci**. (Cliccate il pulsante **Scan** per esaminare di nuovo i Punti di Accesso se necessario.)

### Site Survey

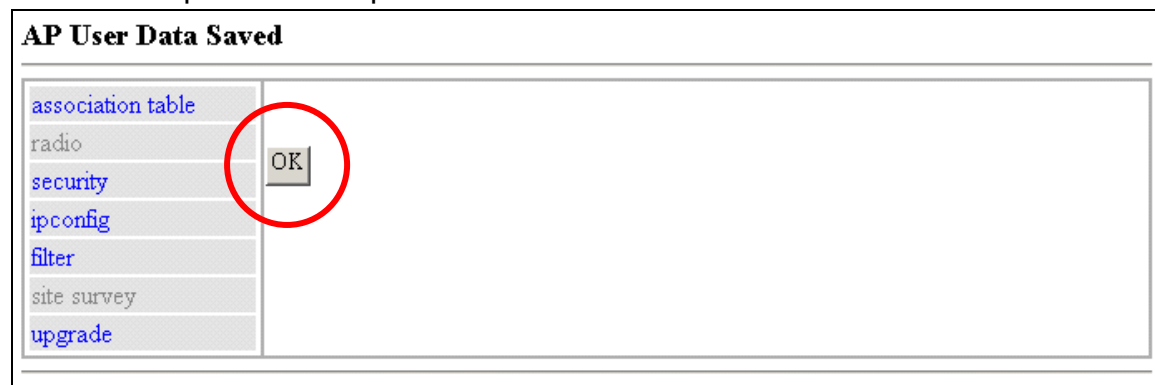
association table	SSID	BSSID	Channel	AP	Mode	Security	Strength
radio	<input checked="" type="radio"/> 1590	00:0e:8e:7a:d4:94	1	Yes	G	WEP	4
security	<input type="radio"/> optech	00:90:4b:33:95:20	1	Yes	B	WEP	2
ipconfig	<input type="radio"/> ipcam	00:0e:8e:b7:39:e6	10	Yes	G	WEP	24

Scan **Join** Reset

Cliccate il pulsante **Sì** per continuare se si mostra il menu pop up.



Cliccate sul pulsante **OK** per salvare.



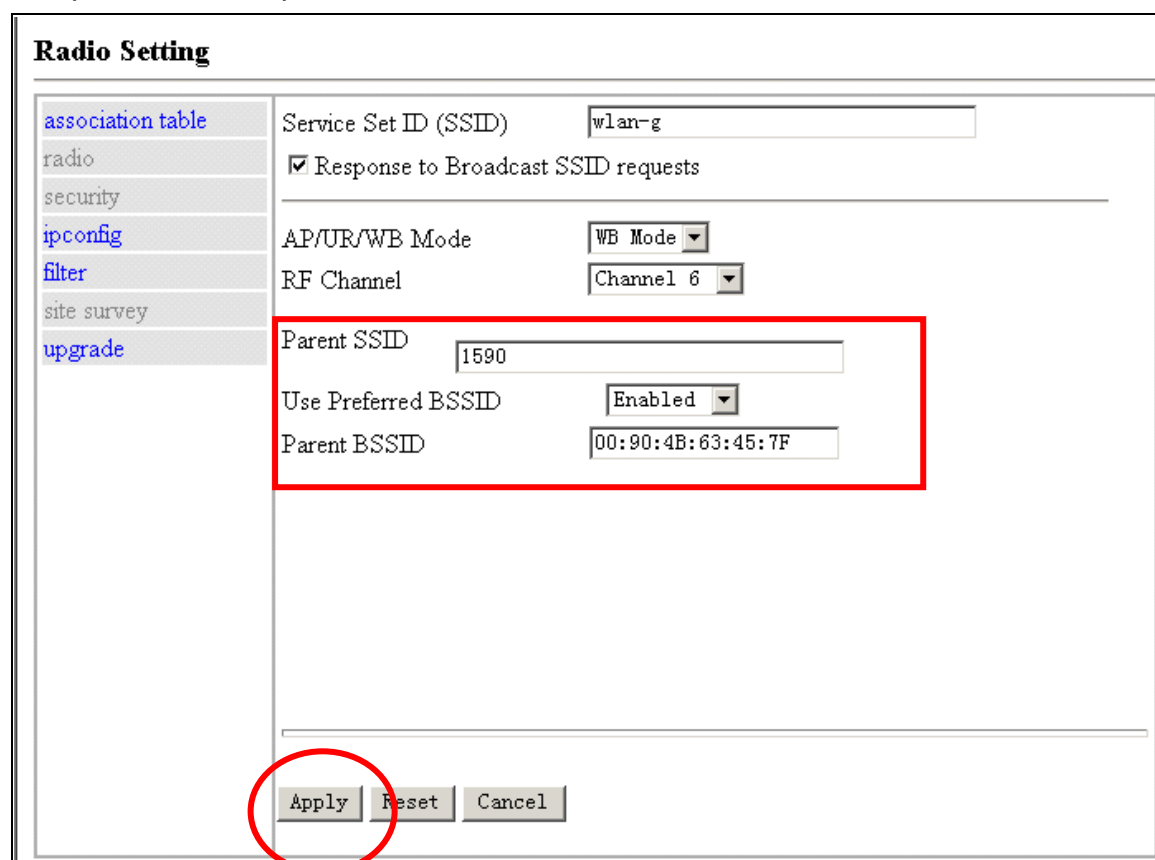
**AP User Data Saved**

association table	
radio	OK
security	
ipconfig	
filter	
site survey	
upgrade	

### 4.3 Configura l'impostazione Radio

Il menu allora ritorna alla pagina principale.

Le informazioni sul Punto di Accesso a cui vi siete collegati vengono copiate nei campi del menu Impostazioni Radio.



**Radio Setting**

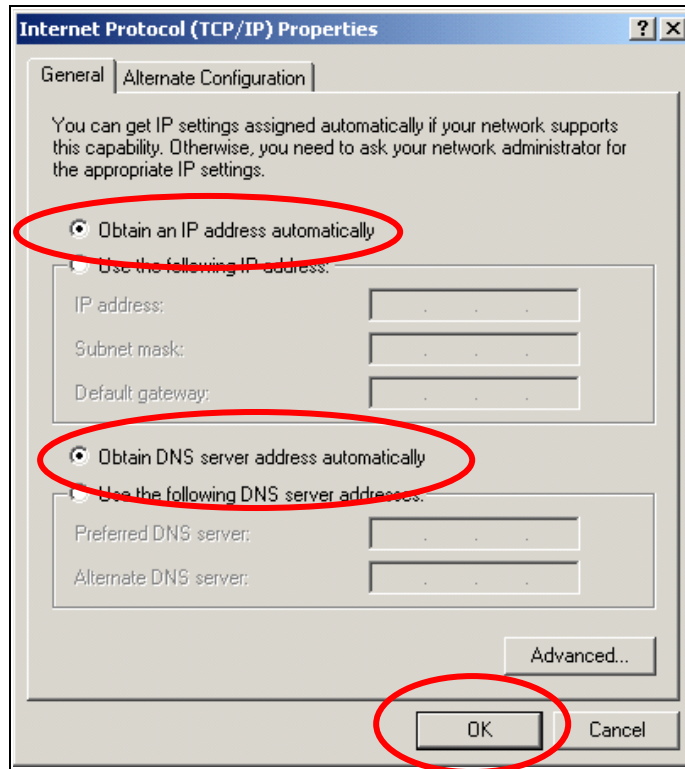
association table	Service Set ID (SSID)	wlan-g
radio	<input checked="" type="checkbox"/> Response to Broadcast SSID requests	
security	AP/UR/WB Mode	WB Mode
ipconfig	RF Channel	Channel 6
filter	Parent SSID	1590
site survey	Use Preferred BSSID	Enabled
upgrade	Parent BSSID	00:90:4B:63:45:7F

Apply Reset Cancel

Cliccate sul pulsante **Applica** per confermare.

### 4.4 Ottieni l'Indirizzo IP Automaticamente

Consultate la sezione **3. Configura Impostazioni TCP/IP sul Laptop/Desktop** e configurate le impostazioni TCP/IP per ottenere automaticamente l'Indirizzo IP.



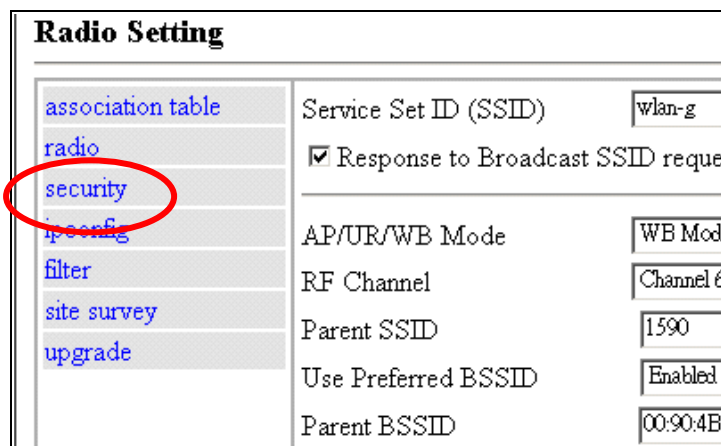
Chiudete i menu di configurazione rete per salvarli.  
Potete allora accedere all'Internet attraverso il Punto di Accesso.

## 4.5 Configura la Sicurezza

Molte volte il Punto di Accesso nella Rete nasconde l'SSID o imposta una password per impedire l'accesso illecito. Occorre una configurazione avanzata in sicurezza per passare attraverso il punto di accesso selezionato. L'esempio seguente collega al Punto di Accesso con la crittografia WEP.

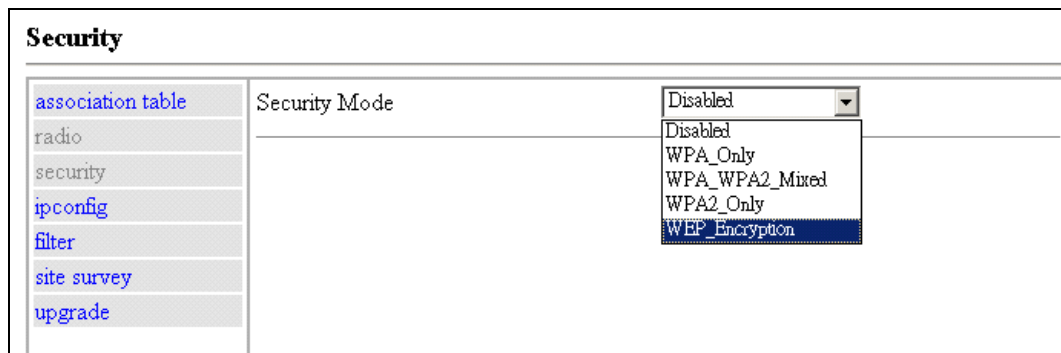
(Configurate prima manualmente l'Indirizzo IP che sia nella sottorete di IP come Punto di Accesso)

Cliccate la voce Sicurezza.



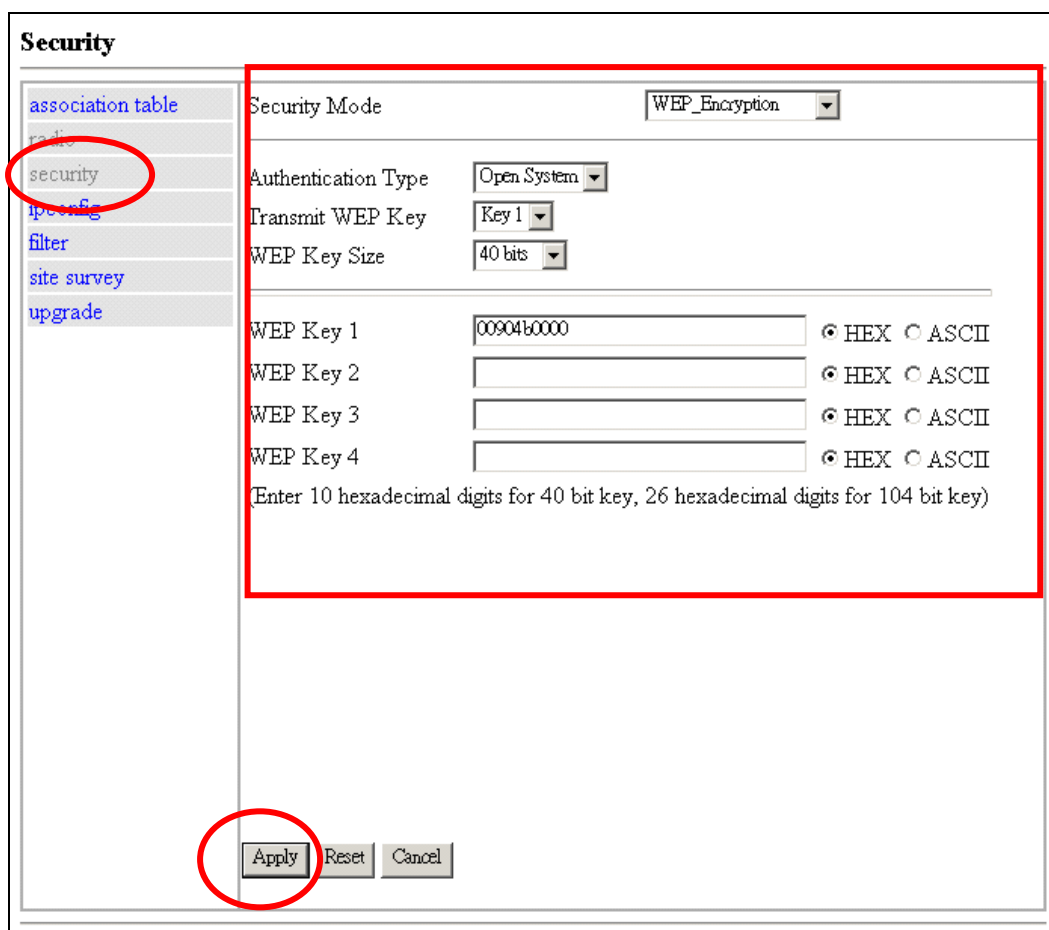
Nello schermo del menu Sicurezza, la Modalità Sicurezza predefinita

è "Disattivata". Usate il menu che scende per selezionare che la Modalità Sicurezza sia **WEB\_Encryption**.



The screenshot shows a web interface for configuring security settings. On the left is a sidebar menu with items: association table, radio, security, ipconfig, filter, site survey, and upgrade. The main content area is titled "Security" and contains a "Security Mode" dropdown menu. The menu is currently set to "Disabled" and is open, showing a list of options: Disabled, WPA\_Only, WPA\_WPA2\_Mixed, WPA2\_Only, and WEP\_Encryption. The "WEP\_Encryption" option is highlighted with a blue background.

Lo schermo poi cambia nel menu della configurazione parametri come segue. Selezionate **Tipo di Autenticazione, Tasto Trasmetti WEP, e Dimensione Tasto WEP** e riempite il campo **Tasto WEP**. Cliccate il pulsante **Applica** per salvare.



This screenshot shows the same "Security" configuration page, but with the "security" option selected in the sidebar menu. The "Security Mode" dropdown is now set to "WEP\_Encryption". The main configuration area is highlighted with a red border and contains the following fields:

- Authentication Type: Open System
- Transmit WEP Key: Key 1
- WEP Key Size: 40 bits
- WEP Key 1: 00904b0000 (with radio buttons for HEX and ASCII)
- WEP Key 2: (empty field)
- WEP Key 3: (empty field)
- WEP Key 4: (empty field)

At the bottom of the page, the "Apply", "Reset", and "Cancel" buttons are visible, with the "Apply" button circled in red. A note at the bottom of the configuration area reads: "(Enter 10 hexadecimal digits for 40 bit key, 26 hexadecimal digits for 104 bit key)".

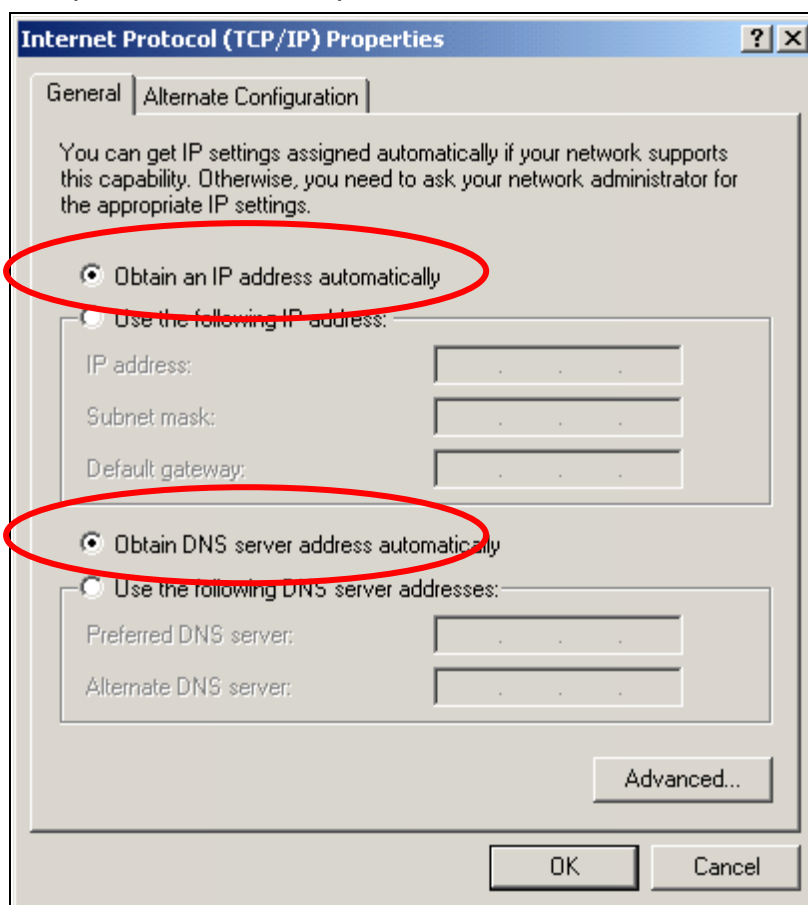
Appare **Schermo Salva Dati Utente AP**, cliccate il pulsante **OK** per salvare.

## AP User Data Saved



## 4.6 Ottieni l'Indirizzo IP Automaticamente

Consultate la sezione **3. Configura Impostazioni TCP/IP sul Laptop / PC** e configurate le impostazioni TCP/IP per ottenere automaticamente l'Indirizzo IP.



Chiudete i menu di configurazione rete per salvarli.

Per la configurazione dettagliata, consultate il manuale d'uso nel CD-ROM.



## 1. Antes de la instalación

Gracias por comprar el adaptador Ethernet inalámbrico 802.11g. Esta guía le ayudará a configurar fácilmente su adaptador con unas sencillas instrucciones de instalación. Para obtener más información o para la configuración avanzada, por favor vea el Manual del Usuario en el CD-ROM.

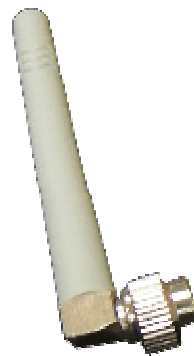
### Contenido del paquete

Asegúrese de que la caja contenga lo siguiente:

- ✓ 802.11g Adaptador inalámbrico Ethernet
- ✓ Antena removible RSMA de 2dBi
- ✓ Guía Rápida de Instalación
- ✓ Manual del Usuario en CD-ROM
- ✓ Cable Combo para alimentación y red
- ✓ Adaptador de Energía de CA, 5V / 1A de salida



Adaptador cliente inalámbrico Ethernet



Antena dipolo externa



Cable combo para alimentación y red



Adaptador de energía

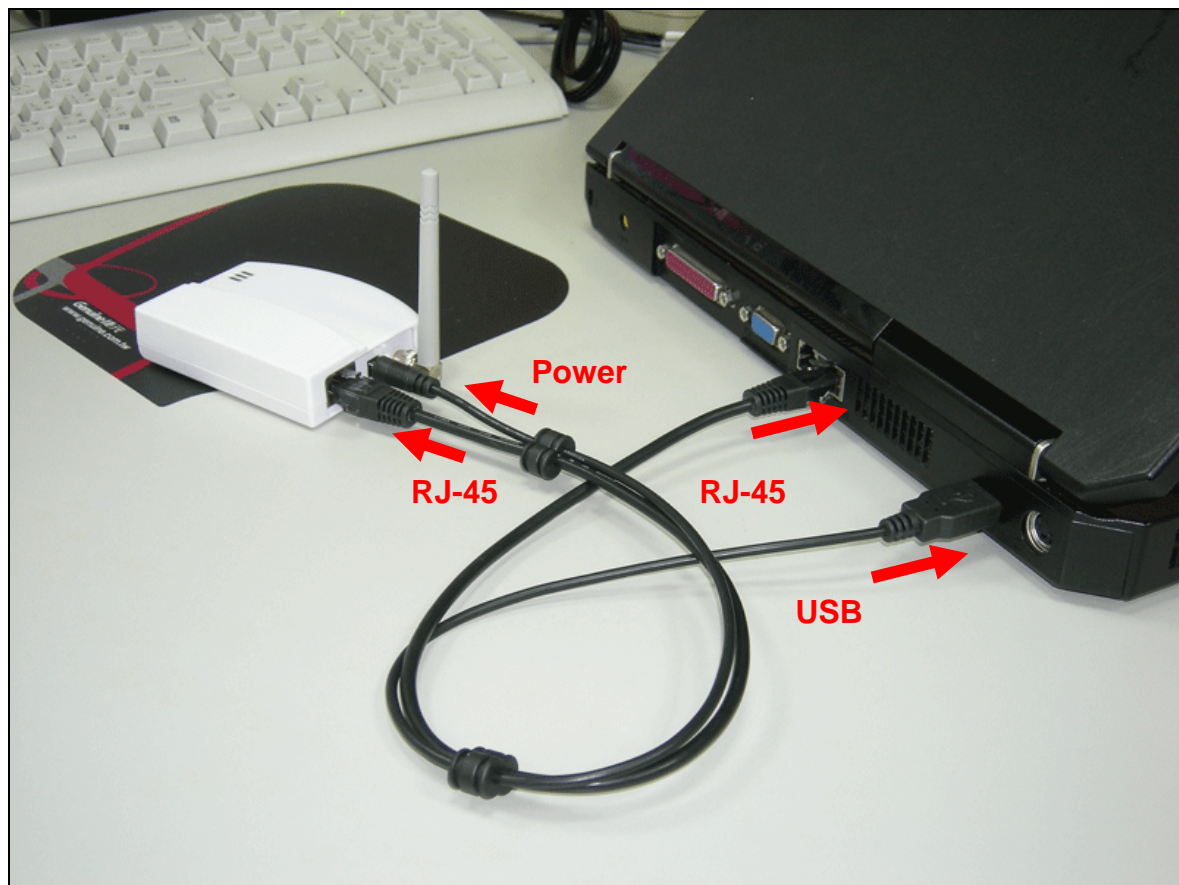


## 2. Instalación del hardware

### 2.1 Conexión del adaptador a su ordenador de escritorio/portátil

El WCM-110 está diseñado para ser alimentado por el interfaz USB de su ordenador portátil/de escritorio. Cuando su ordenador portátil/de escritorio están encendidos, el interfaz USB puede suministrar una potencia de salida de 5V CC, salvo la transmisión de datos. Esto es suficiente para alimentar el WCM-110.

Vea la ilustración a continuación para instalar el hardware.



## 2.2 Indicadores LED

El WCM-110 tiene indicadores LED de Enlace, Actividad, y Alimentación. Vea la tabla de abajo para saber qué indica cada LED:

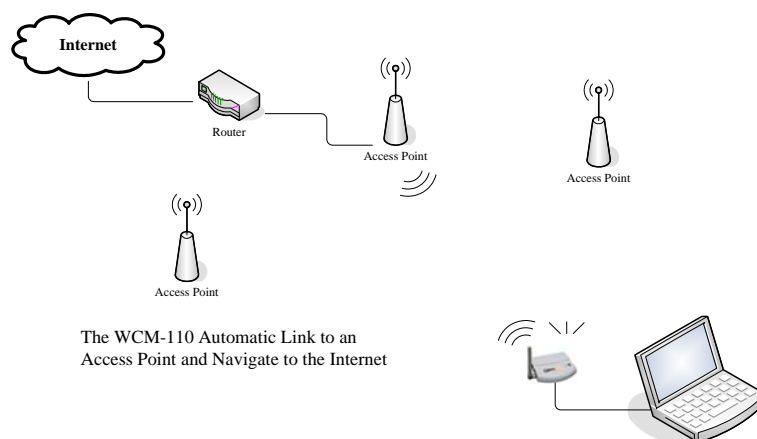
LED	Color	Estado	Definición
Enlace	Rojo	Encendido	El dispositivo está conectado a una red Ethernet.
		Apagado	El dispositivo está apagado o no hay conexión a una red Ethernet.
Actividad	Azul	Encendido	El dispositivo está encendido y listo.
		Apagado	El dispositivo está apagado.
Encendido	Naranja	Encendido	El dispositivo está encendido y listo.
		Apagado	El dispositivo está apagado o está realizando la secuencia de arranque.

## 3. Configuración de los parámetros de TCP/IP en ordenador portátil/de escritorio

### 3.1 Acceso automático a la red

Una vez encendido el WCM-110, este buscará los puntos de acceso para así ingresar a la red.

Si existe una red en la zona, ésta se unirá automáticamente al punto de acceso para poder navegar por Internet.



Observe que su ordenador portátil/de escritorio está configurado para obtener una dirección IP a través de un Servidor DHCP.

### 3.2 Configuración manual para acceso a la red

Puede que usted necesite configurar manualmente el WCM-110 para acceder a la red si el método automático no logra acceder a un punto de acceso ideal.

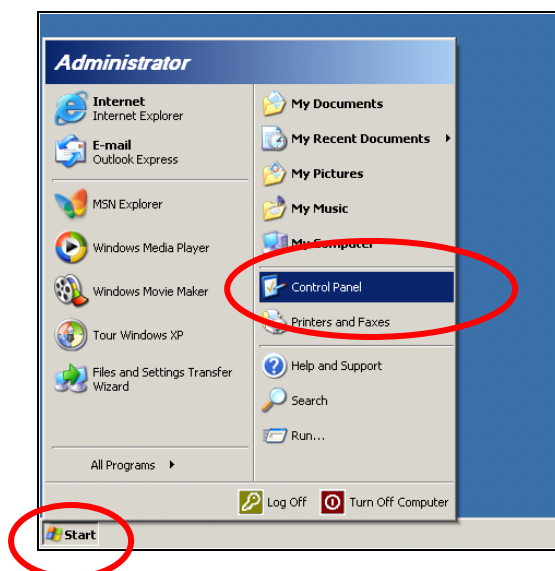
Observe los pasos siguientes para realizar la configuración:

#### 3.2.1 Cambio de la dirección IP en su ordenador portátil/de escritorio

(sistema Windows XP):

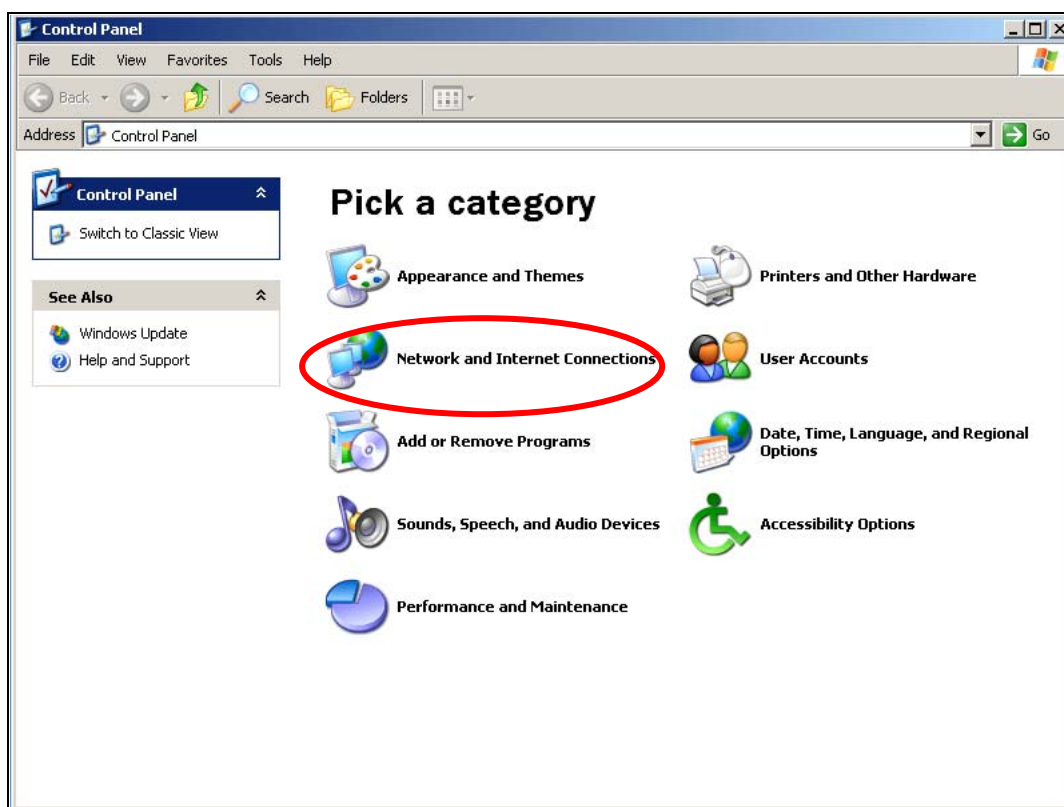
##### Paso 1

Haga clic en **Comenzar** → **Panel de Control**



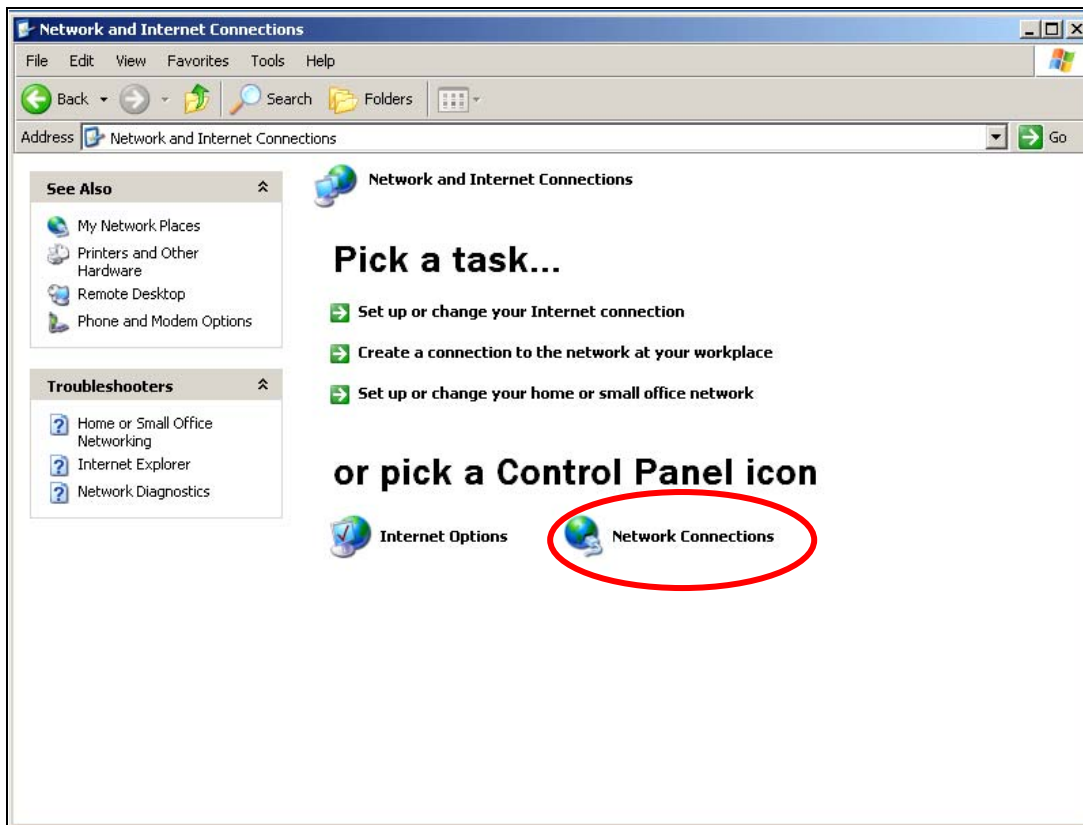
## Paso 2

Aparecerá la ventana del **Panel de Control**. Haga doble clic en el icono de **Conexiones de red e Internet**:



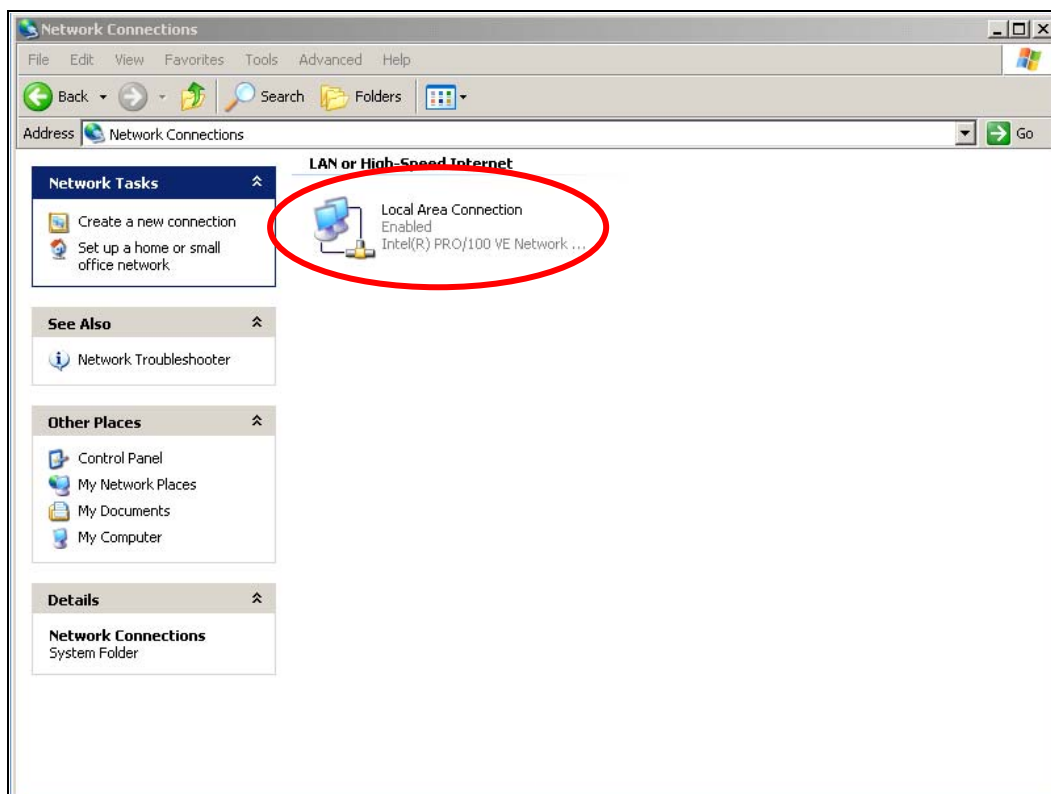
## Paso 3

Haga clic en el icono de **Conexiones de Red** en la ventana siguiente.



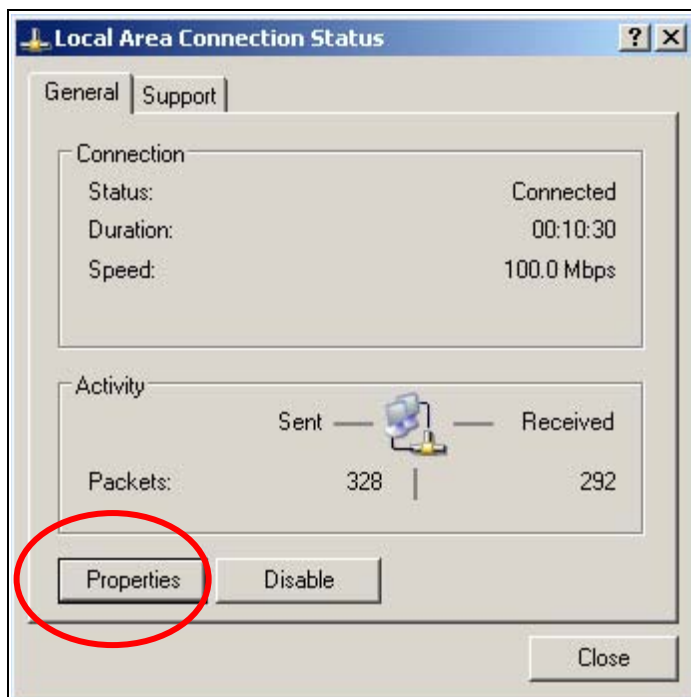
#### Paso 4

Haga doble clic en el icono de **Conexión a red de área local** en la ventana siguiente.



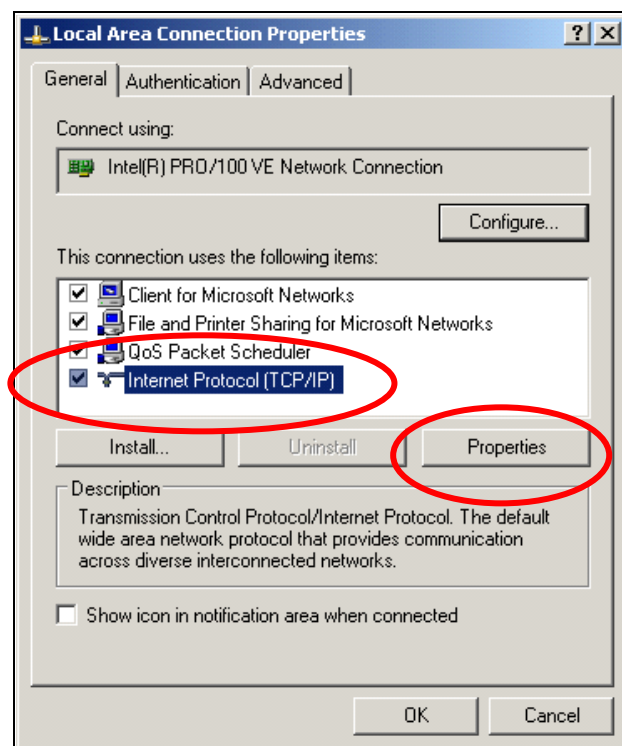
#### Paso 5

Aparecerá el menú de **Estado de Conexión Local**. Haga clic en el botón **Propiedades**.



## Paso 6

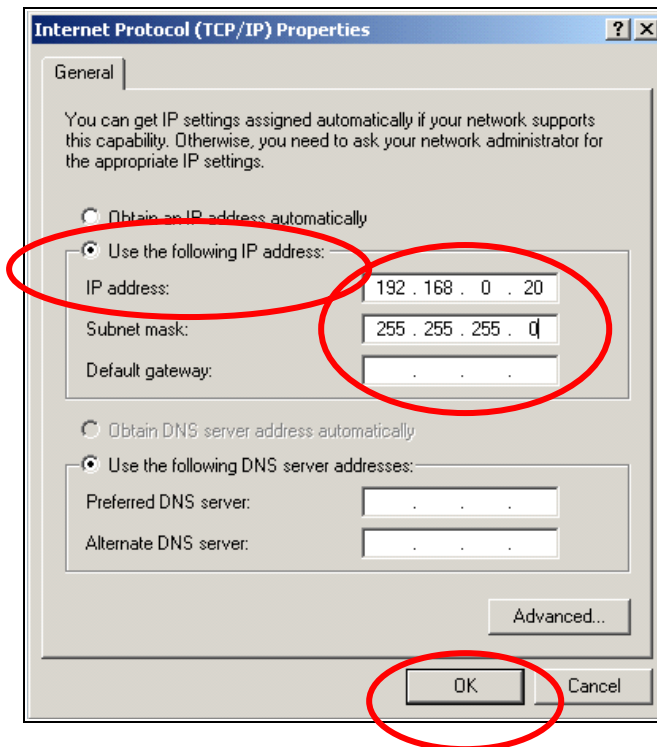
Aparecerá el menú **Propiedades de la Conexión de Área Local**. En la viñeta **Configuración general**, seleccione **Protocolo de Internet (TCP/IP)** con la tarjeta de red correspondiente, y luego haga clic en **Propiedades**.



## Paso 7

Aparecerá el menú de propiedades del **Protocolo de Internet (TCP/IP)**.

Seleccione **Usar la siguiente Dirección IP** e ingrese la Dirección IP **192.168.0.20** y **255.255.255.0** para la Máscara de Subred, y luego haga clic en **OK**.



## Paso 8

Para guardar, cierre todos los menús de configuración de red.

**Nota:** Los cambios de los pasos de arriba para la dirección IP de su ordenador portátil/de escritorio están en mismo segmento de WCM-110 para poder administrarlos.

## 4. Configuración del punto de acceso

El WCM-110 suministra una interfaz Web para su configuración, siga los pasos siguientes:

### 4.1 Ingreso a la Interfaz Web para Administración

Abra su explorador de web, y teclee <http://192.168.0.10> (la dirección IP de WCM-10) en la barra de direcciones, y pulse Aceptar.



Aparecerá una ventana de autenticación. Ingrese **admin** en el campo de nombre y **admin** en el campo de contraseña y luego haga clic en **OK**.



### 4.2 Para conectarse a un Punto de Acceso en su Red inalámbrica

Use la función "Sondeo del sitio" para buscar los Puntos de Acceso

Una vez que haya ingresado se dirigirá a la página de administración Web del WCM-110.

Haga clic en el ítem de menú **Sondeo del Sitio**.



### Radio Setting

association table	Service Set ID (SSID)	wlan-g
radio	<input checked="" type="checkbox"/> Response to Broadcast SSID requests	
security	AP/UR/WB Mode	WB Mode
ipconfig	RF Channel	Auto - Channel 7
filter	Parent SSID	wlan-g
<b>site survey</b>	Use Preferred BSSID	Disabled
upgrade	Parent BSSID	00:00:00:00:00:00

Apply Reset Cancel

La función **Sondeo del Sitio** lista todos los Puntos de Acceso encontrados.

#### Conexión a un punto de acceso

Seleccione el Punto de Acceso al que quiera conectar el WCM-110 y haga clic en el botón **Conectarse**. (Haga clic en el botón **Búsqueda** para realizar nuevamente una búsqueda de los puntos de acceso si fuera necesario).

### Site Survey

	SSID	BSSID	Channel	AP	Mode	Security	Strength
radio	<input checked="" type="radio"/> 1590	00:0e:8e:7a:d4:94	1	Yes	G	WEP	4
security	<input type="radio"/> optech	00:90:4b:33:95:20	1	Yes	B	WEP	2
ipconfig	<input type="radio"/> ipcam	00:0e:8e:b7:39:e6	10	Yes	G	WEP	24

Scan **Join** Reset

Haga clic en el botón **Sí** para seguir si emerge el menú siguiente.

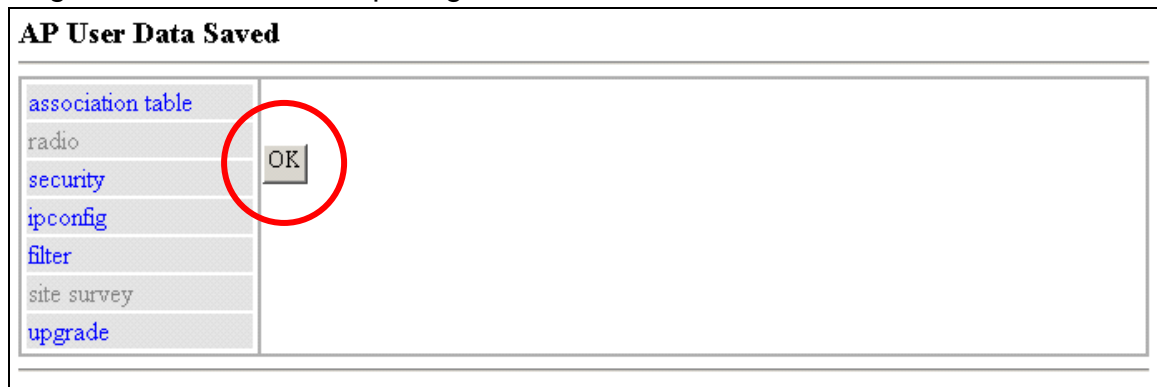
Internet Explorer

When you send information to the Internet, it might be possible for others to see that information. Do you want to continue?

In the future, do not show this message.

**Yes** No

Haga clic en el botón **OK** para guardar.



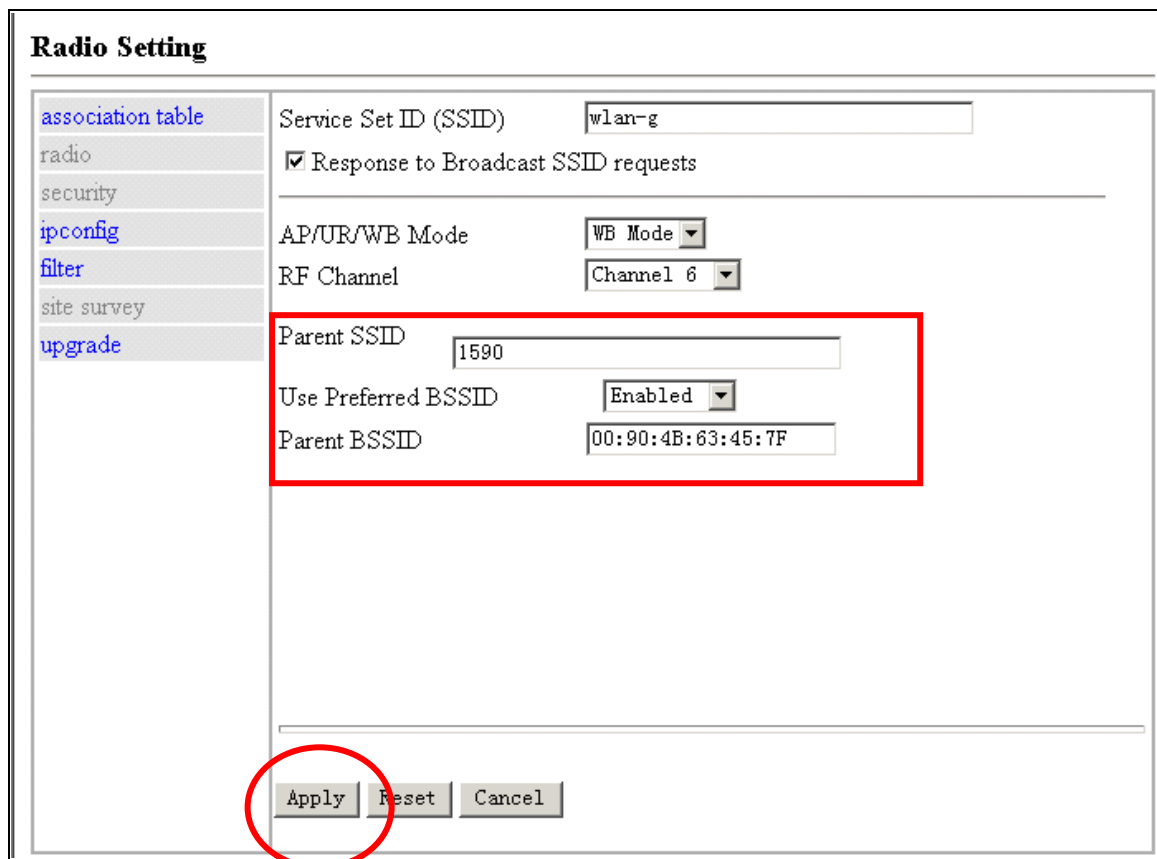
**AP User Data Saved**

association table	<input type="button" value="OK"/>
radio	
security	
ipconfig	
filter	
site survey	
upgrade	

### 4.3 Configuración de los Parámetros de Radio

Luego el menú regresará a la página principal.

La información sobre el punto de acceso al cual se conectó se copiará a los campos del menú de Parámetros de Radio.



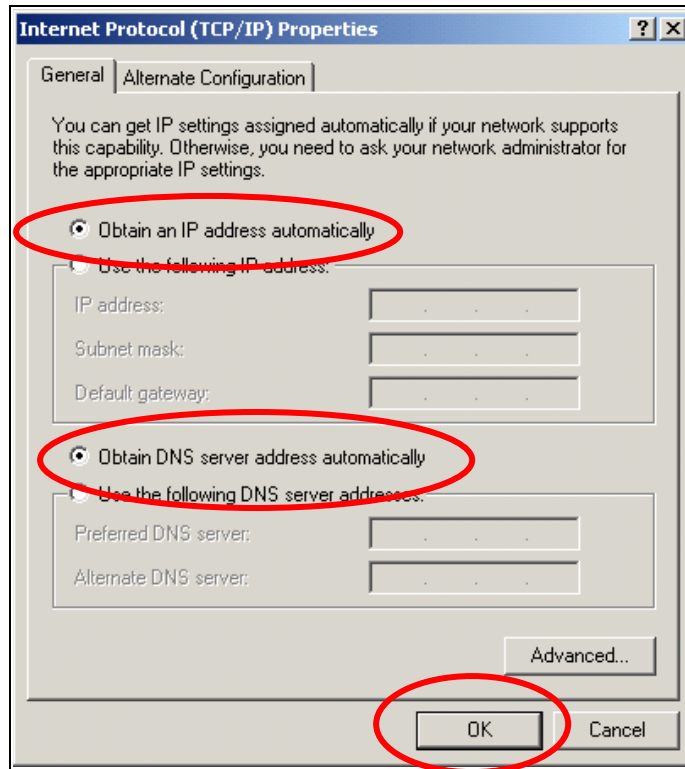
**Radio Setting**

association table	Service Set ID (SSID)	<input type="text" value="wlan-g"/>
radio	<input checked="" type="checkbox"/> Response to Broadcast SSID requests	
security	AP/UR/WB Mode	<input type="text" value="WB Mode"/>
ipconfig	RF Channel	<input type="text" value="Channel 6"/>
filter	Parent SSID	<input type="text" value="1590"/>
site survey	Use Preferred BSSID	<input type="text" value="Enabled"/>
upgrade	Parent BSSID	<input type="text" value="00:90:4B:63:45:7F"/>

Haga clic en el botón **Aplicar** para confirmar.

### 4.4 Obtención automática de la dirección IP

Vea la sección **3. Configuración de parámetros TCP/IP en ordenador portátil/de escritorio** y configure los parámetros de TCP/IP para la obtención automática de direcciones IP.



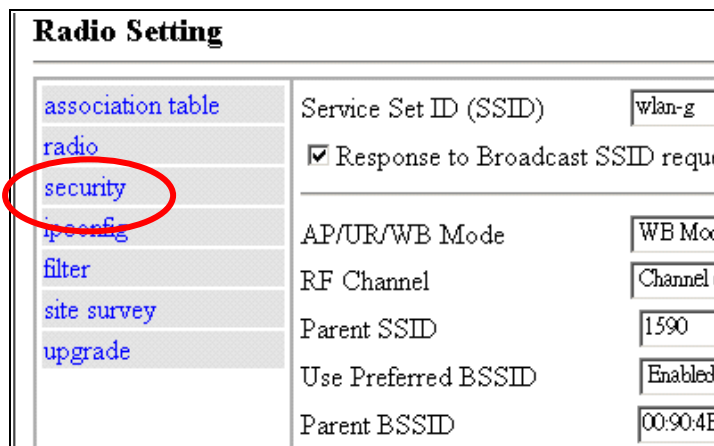
Cierre los menús de configuración de red para guardar.  
 Usted podrá acceder a Internet a través del punto de acceso.

#### 4.5 Configuración de la seguridad

La mayor parte del tiempo el punto de acceso en la red esconde el SSID o establece una contraseña para impedir el acceso ilegal. Se necesita de una configuración avanzada en seguridad para pasar por el punto de acceso seleccionado. El ejemplo siguiente conecta a un punto de acceso con encriptación WEP.

(Configure primero manualmente su dirección IP para que esté en el subred IP como punto de acceso)

Haga clic en el ítem **Seguridad**.



En la pantalla del menú Seguridad el modo de Seguridad predeterminado es “Desactivada”. Utilice el menú desplegable para seleccionar el Modo de Seguridad **Encriptación\_WEB**.

**Security**

association table	Security Mode	Disabled
radio		Disabled
security		WPA_Only
ipconfig		WPA_WPA2_Mixed
filter		WPA2_Only
site survey		WEP_Encryption
upgrade		

La pantalla cambiará el menú de configuración de parámetros del modo siguiente. Seleccione el **Tipo de Autenticación, Transmisión de clave WEP, y Tamaño de clave WEP** y rellene el campo **Clave WEP**. Haga clic en el botón **Aplicar** para guardar.

**Security**

association table	Security Mode	WEP_Encryption
radio	Authentication Type	Open System
security	Transmit WEP Key	Key 1
ipconfig	WEP Key Size	40 bits
filter	WEP Key 1	00904b0000 <input checked="" type="radio"/> HEX <input type="radio"/> ASCII
site survey	WEP Key 2	<input type="text"/> <input checked="" type="radio"/> HEX <input type="radio"/> ASCII
upgrade	WEP Key 3	<input type="text"/> <input checked="" type="radio"/> HEX <input type="radio"/> ASCII
	WEP Key 4	<input type="text"/> <input checked="" type="radio"/> HEX <input type="radio"/> ASCII

(Enter 10 hexadecimal digits for 40 bit key, 26 hexadecimal digits for 104 bit key)

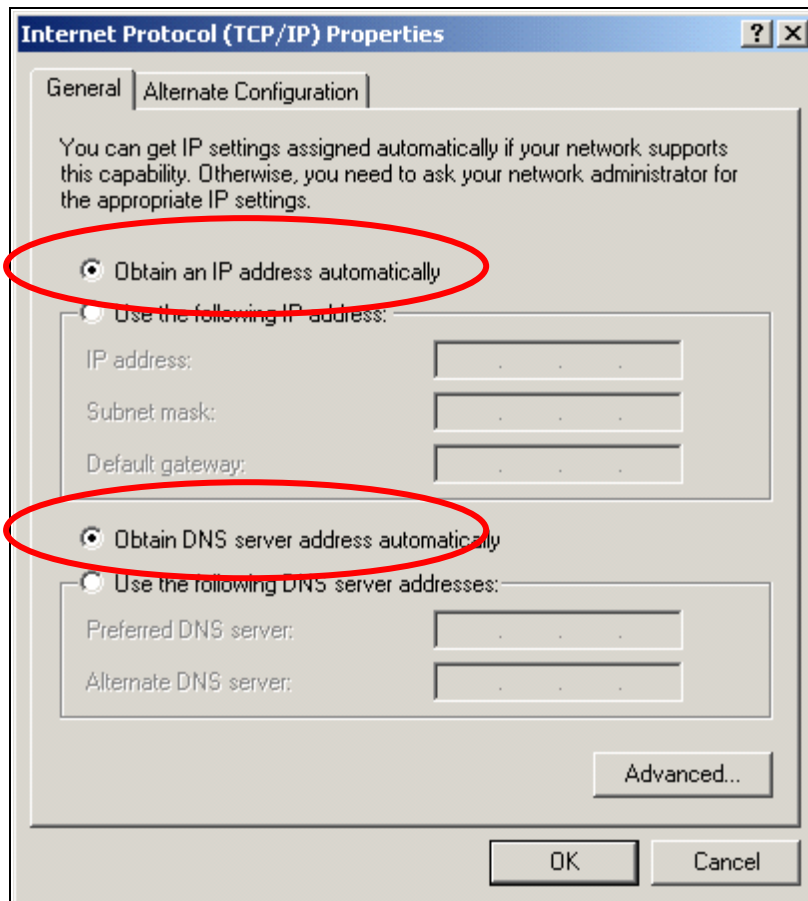
Se verá **Guardar seguramente los datos del usuario del PA**, haga clic en el botón **OK** para guardar.

## AP User Data Saved



## 4.6 Obtención automática de la dirección IP

Vea la sección 3. **Configuración de parámetros TCP/IP en ordenador portátil/de escritorio** y configure los parámetros de TCP/IP para la obtención automática de direcciones IP.



Cierre los menús de configuración de red para guardar.

Para obtener más información o para la configuración avanzada, por favor vea el Manual del Usuario en el CD-ROM.



## **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.

### **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.

**The WCM-110 (FCC ID: RYK-WCM110) is limited in CH1~CH11 for 2.4 GHz by specified firmware controlled in U.S.A.**