

F.A.Q for TEW-429UB

Q: How do I connect to my wireless network?

A: **Step 1** Open the utility by right clicking on the icon at the bottom right hand side of the screen and click on "Open".

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Open (O) Exit (X)	

Step 2 Click on the Site Survey link then click on refresh.

IEEE802.11		Ø
	Wireless Setting	TCP/IP Setting —(Using DHCP)
Network	- Current Profile	IP Address: 192.168.3.146
Profile	Default	Subnet Mask: 255.255.255.0
SiteSurvey	Reconnect	Gateway: 192,168.3.1
Options	- Network Mode Infrastructure - Security Not Using WEP	DNS Server: 192.168.3.1
Version	- Authentication Auto Switch	IP Release IP Renew
	1. Weiter 1999 1993 1993 1993 1993 1993 1993 199	EVALUATE FOR THE FORMER
TEW-423UB Wisless USB 20 Arisplar	BSSID = 00:90:4B:A0:22:EF	Channel = 11 (2.462 GHz)
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Step 3 Highlight the wireless network you want to connect to. Click "Connect" then click "Ok".



EEE802.11	Available Network	S	(5 Found)			
Network	SSID	Mode	Strength	Ch	Security	^
Profile	LAB311	802.11b	-76 dBm	1	WEP	
Fielde	SJLAB411	802.11g	-79 dBm	11	Disabled	=
SiteSurvey	 ssid 	802.11g	-64 dBm	4	WEP	
	≪øtest-a	802.11a	-71 dBm	52	VVEP	
Options	📢 wen-g	802.11g	-58 dBm	6	WPA-PSK	~
	<	iiii				>
Version	Refresh	Detailed Info.	Conne	ect]	Add To Pro	ofile
Version		Detailed Info.	00101101		Add To Pro	ofile
Version	Refresh	Detailed Info.		[802	.11g] Tx Ro	(
Version		_9		[802	.11g] Tx Ro	
Version	Link Information		00101101	(802 d 5	.11g] Tx Ro	(

Step 4 A window will pop up notifying you that the network will not be added to your profile list. Click "OK".

802.11g	y Wireless Client Utility	X
1	This network will not be added to the Profile list.	
	(ОК	

Q: How do I configure my TEW-429UB if my access point has encryption enabled?

Step 1 Open the utility by right clicking on the icon at the bottom right hand side of the screen and click on "Open".



Step 2 Click on "Add To Profile".



Network	Available Networl		(5 Found)	1		
Network	SSID	Mode	Strength	Ch	Security	^
Profile	SJLAB311	802.11b	-81 dBm	1	WEP	
1 101110	S#LAB411	802.11g	-77 dBm	11	Disabled	=
SiteSurvey	Ssid 💎	802.11g	-69 dBm	4	WEP	
	≪øtest-a	802.11a	-75 dBm	52	WEP	
Options	🍼 wen-g	802.11g	-56 dBm	6	WPA-PSK	~
Version	<	Ш				>
	Refresh		01011011		Add To Pro	ofile
	Link Information			-	Tx Rx	
				-		
	- SSID ssid		- Link Spee	d 54	1.0 Mbps 54.01	Mbps
	(1997) (1997) (1997) (1997) (1997)	ortod	- Link Spee	· •		Mbps
	(1997) (1997) (1997) (1997) (1997)	ected	- Link Spee - Signal Le	· •	1.0 Mbps 54.0 1 pod(-71 dBm)	Mbps

Step 3 Name your profile and click "Next".

802.11g Wireless Client	Utility Profile Wizard 🛛 🔀
IFFF000 44	802.11
IEEE802.11 TEW-429UB Wireless USB 2.0 Adapter	Profile Name Please enter a name for this profile. (such as Office or My Home) ssid Network Mode Infrastructure - Network using AP Choose infrastructure mode if you are connecting to an access point or wireless router. Choose Ad-Hoc mode if you are connecting
	directly to another computer. SSID ssid Enter the network SSID. Click the Browse button to scan for available networks.

Step 4 Click on "Configure".



802.11g Wireless Client U	Jtility Profile Wizard	
IEEEBO2.11 TEW-429UB Wireless USB 2.0 Adapter	WLAN Security Configuration Security Mode: WEP Authentication Protocol None Configure Encryption Method Image: Use Static WEP	802.11
	Back Next	Cancel

Step 5 Input your encryption settings.

WEP Configuration				
- Static WEP	64 bit WEP ▼			
Authentication:	Auto Switch			
Make key using passphrase.				
- The key gene	- The key generated is a HEX key.			
Passpł	irase:			
C Manual Input:	ASCII - 5 char			
C Manual Input:	HEX - 10 char (0-9, A-F)			
Key 1:				
Key 2:				
Key 3:				
Key 4:				
Default Key:	1 💌			
	ОК	Cancel		

If you did not have encryption enabled it will switch over to the Network tab. If the connection was successful you will receive signal level for Signal Strength.



IEEE802.11		0
Network	Wireless Setting	TCP/IP Setting — (Using DHCP)
Profile	- Current Profile	IP Address: 192.168.1.38 Subnet Mask: 255.255.255.0
SiteSurvey	- Network Mode Infrastructure	Gateway:
Options	- Security WEP - Authentication Auto Switch	DNS Server: 192.168.1.254
Version		IP Release IP Renew
	Link Information — 🧐 - SSID ssid - Status Connected	CO101 Tx Rx - Link Speed 54.0 Mbps 54.0 Mbps - Signal Level Very Good(-68 dBm)
TEW-423UB Wieless USB 20 Adapter	BSSID = 00:0C:41:FB:E3:7D	Channel = 4 (2.427 GHz)
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Q: What is Ad-Hoc Mode?

A: Peer-to-peer wireless connection between computers when no router or access point is used.

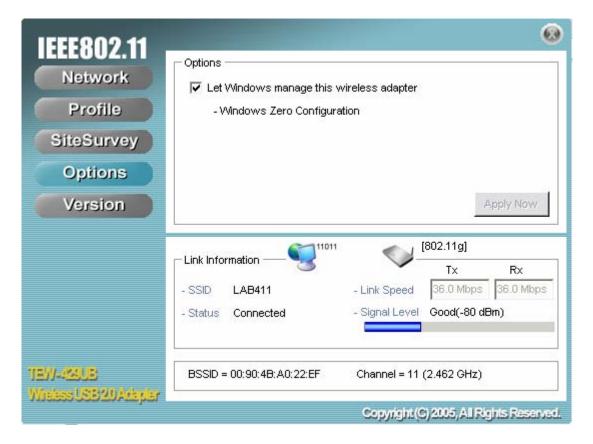


Q: Why is the connect button grayed out on the site survey tab?

A: **Step 1** Open the utility by right clicking on the icon at the bottom right hand side of the screen and click on "Open".

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Open (O) Exit (X)	

Step 2 Click on the Options and uncheck "Let Windows manage this wireless adapter". Then click "Apply Now".



Q: Why is the Wireless Networks tab missing under the properties of my wireless network connection?

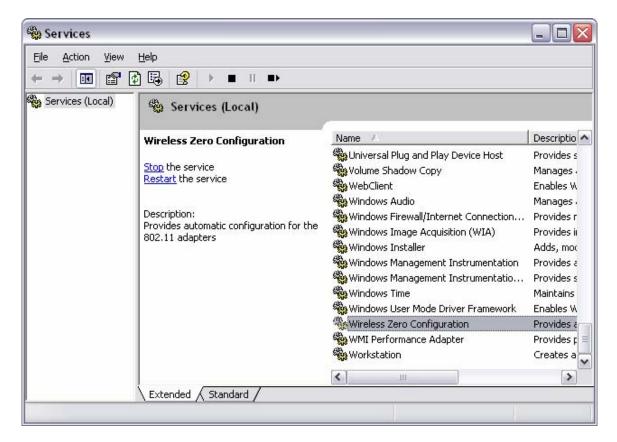
A: The Wireless Zero Configuration service is not running.

Click on Start then Run. Type in "services.msc", without the quotes and hit enter.



Run	? 🔀
-	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:	services.msc
	OK Cancel Browse

This will open the services window. Double click on the Wireless zero configuration service.



Make sure the Startup type is set to Automatic and click on "Start" to start the service. Click "Apply" then "Ok".



Wireless Zero Configuration Properties (Local Computer) 🔀	
General Log On	Recovery Dependencies
Service name:	WZCSVC
Display <u>n</u> ame:	Wireless Zero Configuration
Description:	Provides automatic configuration for the 802.11
Path to executable:	
C:\WINDOWS\System32\svchost.exe -k netsvcs	
Startup typ <u>e</u> :	Automatic
Service status: Stopped	
<u>S</u> tart	Stop Pause Resume
You can specify the start parameters that apply when you start the service from here.	
Start para <u>m</u> eters:	
	OK Cancel Apply

Q: What scanning modes are available in the TEW-429UB?

A: There are three scanning modes available indicated by an icon in the LCD display.

- 1) S: Lists all available networks in range in order of signal strength.
- 2) **F**: Lists only unencrypted networks in range in order of signal strength.
- 3) **D**: Continuously refreshes details of the selected wireless network. It allows you to lock on and monitor the signal strength as you move around.

Q: How do I change the scanning mode of the TEW-429UB?

A: Press and hold the seek button to toggle through the scanning modes. After you select the mode press the seek button once to rescan in that mode.

Q: How long will the battery in the TEW-429UB last?

A: On a full charge you can perform approximately 500 scanning processes.

Q: When the battery low icon appears, how long would it take before it totally runs out?



A: You can perform approximately 20 more scans before the battery runs out.

Q: How long is the charging time?

A: Charging time is approximately 2 hours.

Q: Is there an Auto Shutoff system for TEW-429UB?

A: Yes, there is. The device will turn off automatically after 1 minute if there is no other button pushed.

Q: Does the driver need to be installed to charge the TEW-429UB?

A: No, you can connect to the PC/Laptop's USB port to charge without installing the driver

Q: The battery icon does not appear on the adapter, why?

A: The battery icons would appear under these situations:

- 1) Low Battery Icon Appears under Scan Mode when the battery is low.
- 2) Full Charged Battery Icon Appears under Charge mode when the battery is fully charged
- 3) Charging Icon Appears under Charge mode when it's charging.

Q: During charging, some adapters would show a big "battery charging" icon.

A: In this case, please update to the latest firmware (currently v1.0.1.51). The icon will be revised to the icons mentioned above.

Q: Why am I getting low signal strength?

A: There are a number of factors that can impact the range of wireless devices.

- 1) Keep the number of obstructions to a minimum. Each obstruction can reduce the range of a wireless device. Position the wireless devices in a manner that will minimize the amount of obstructions between them.
- 2) Building materials can have a large impact on your wireless signal. In an indoor environment try to position the wireless devices so that the signal passes through drywall or open doorways or space.



- 3) Antenna position can also have a large impact on your wireless signal. Use the adapter's site survey tool to determine the best antenna position for your wireless devices.
- 4) Interference from devices that produce RF noise can also impact your signal. Position your wireless devices away from Microwaves, UPS's, monitors, HAM radios, etc. Also, anything operating on the 2.4ghz frequency will cause interference. Such as 2.4ghz cordless phones or other wireless remotes operating on the 2.4ghz frequency.

If you are experiencing low, or no, signal strength consider repositioning the wireless devices, repeating the signal or using stronger antenna's to boost the signal strength.