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".



Step 2. Click on the "Site Survey" link then click on "Refresh".

						Ø
	Available Networks	8	(3 Found)			
-	SSID	Mode	Strength	Ch	Security	
	SIPCAM	802.11g	-88 dBm	9	WEP	00
Network	TRENDnet	802.11g	-76 dBm	8	Disabled	00
	≪∌ wlan-g	802.11g	-78 dBm	6	WPA-PSK	00
Profile						
	<					>
SiteSurvey	Refresh	Detailed Info.	Conn	ect	Acid To Pro	ofle
Ontions				1907	11.01	
operand	Link Information	_		1002		
Version		-	Link Cross		Tx Rx	Mhne
VEISION	- SSID TRENL	net	- LITK Spee	a P	+.0 Miller 194.0	mops
	- Status Conne	cted	- Signal Le	vel Ve	ery Good(-65 dBr	n)
TEW-429UF	BSSID = D0:0C:4	41:FB:E3:7D	Channel =	8(2.44	7 GHz)	
802.11g Wireless						
Adapter		Copyright	2005 TREN	Dwars	. All Rights Res	erved.

Step 3. Highlight the wireless network you want to connect to. Click "Connect" then click "Ok".



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

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

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

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".



Step 2. Click on the "Site Survey" link then "Add to Profile".

						Ø
	Available Networks	1	(3 Found)			
	SSID	Mode	Strength	Ch	Security	
	SIPCAM	802.11g	-88 dBm	9	WEP	00
Network	VTRENDnet	802.11g	-76 dBm	8	Disabled	00
	≪∌ wlan-g	802.11g	-78 dBm	6	WPA-PSK	00
Profile						
	<					>
SiteSurvey	Refresh	Detaied Info.	Conn	ect	Add To Pro	ofie
Options 👌	Link hformation	S	<	J [802	2.11g]	Þ
Version		-	Link Coos		Tx Rx	Mhne
Version	-SSID IRENU	net	- LITK Spee	a P	4.0 Millips p4.0	mups
	- Status Conne	cted	- Signal Le	vel Ve	ery Good[-65 dBr	n)
TEW-429UF 802.11g Wireless	BSSID = 00:0C:4	11:FB:E3:7D	Channel =	0(2.44	7 GHz)	
Adapter		Copyright	2005 TREN	Dwars	. All Rights Res	erved.

Step 3. Name your profile and click "Next".



Step 4. For WEP the "Security Mode" is set to "WEP". Click "Configure".

		802
	WLAN Security Configuration Security Mode: WEP Authentication Protocol None	nfigure
Adapter	Encryption Method	nfigure

Step 5. Input your encryption settings and key, click "OK" then "Next".

tatic WEP		
VVEP Method:	64 bit WEP	
Authentication:	Open 💌	
🔿 Make key usir	ng passphrase.	
- The key gen	erated is a HEX key.	
Passpl	hrase:	
C Manual Input:	ASCII - 5 char	
Manual Input:	HEX - 10 char (0-9, A-F)	
Key 1:	ABCDEF1234	
Key 2:		
Key 3:		
Key 4:	1	
Defeut Key	1 -	

For WPA encryption the **"Security Mode"** is set to **"WPA-PSK"**, enter your key into the **PSK Passphrase** field. Click **"Next"**.

802.11g Wireless Client	Utility Profile Wizard	
802.11g Wireless Client	Utility Profile Wizard WLAN Security Configuration Security Mode: WPA-PSK Authentication Protocol	802.11 onfigure
	enter your key here Back Next	Cancel

Step 6. Make sure "Apply this profile now" is selected then click "Save".

802.11g Wireless Client	Utility Profile Wizard	X
		802.11
	End	
TEW-42911E	All information was configured.	
802.11g Wireless		
Adapter		
	Apply this profile now.	
	4	
	Back Save	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.

	- Wireless Setting	TCP/IP Setting —(Using DHCP)
_	iosanh1	IP Address: 192.168.2.101
Network	Reconnect	Subnet Mask: 255.255.255.0
Profile	Infrastructure	Gateway: 192.168.2.1
	WPA-PSK Auto Switch	DNS Server: 192.168.2.1
SiteSurvey		IP Release IP Renew
Options	Link Information —	[802.11g]
Version	- SSID joseph1	- Link Speed 54.0 Mbps 54.0 Mbps
	- Status Connected	- Signal Level Excellent(-46 dBm)
TEW-429UF 802.11g Wireless	BSSID = 00:C0:02:E2:B4:42	Channel = 1 (2.412 GHz)
Adapter	Copyright © 2	005 TRENDware. All Rights Reserved.

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".



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

	Options	wireless adapter
Network	- Windows Zero Configur	ration
Profile		
SiteSurvey		Apply Now
Options	Link Information - C	1011 (802.11g)
Version	- SSID joseph1 - Status Connected	Tx Rx - Link Speed \$4.0 Mbps \$4.0 Mbps - Signal Level Excellent(-42 dBm)
TEW-429UF 802.11g Wireless Adapter	BSSID = 00:C0:02:E2:B4:42 Copyright (Channel = 1 (2.412 GHz) © 2005 TRENDware. All Rights Reserved.

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 <u>B</u> rowse

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

← → 💽 🖆 (
	Wireless Zero Configuration	Name /	Descriptio 4
	,	Chiversal Plug and Play Device Host	Provides s
	Stop the service	Wolume Shadow Copy	Manages
	Restart the service	WebClient	Enables W
		Windows Audio	Manages -
	Description:	Windows Firewall/Internet Connection	Provides r
	Provides automatic configuration for the	Windows Image Acquisition (WIA)	Provides ii
	ouz.11 audpoers	Windows Installer	Adds, mox
	1	Windows Management Instrumentation	Provides a
	1	Windows Management Instrumentatio	Provides s
	1	Windows Time	Maintains
	1	Windows User Mode Driver Framework	Enables W
	1	Wireless Zero Configuration	Provides a
	1	WMI Performance Adapter	Provides p
	1	Workstation	Creates a
	1		

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

Wireless Zero Co	nfiguration 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
Pat <u>h</u> to executabl	e:
C:\WINDOWS\S	ystem32\svchost.exe -k netsvcs
Startup typ <u>e</u> :	Automatic 🔽
Service status:	Stopped
<u>S</u> tart	Stop Pause Resume
You can specify t from here.	he start parameters that apply when you start the service
Start parameters:	
	OK Cancel Apply

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

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-429UF?

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-429UF 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-429UF?

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-429UF?

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: 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.
- 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.

Q: How do I access the flash memory?

A: The adapter is installed as a drive on the computer. Open up **"My Computer"** and you will have a **"Removable Disk"** drive with the next available drive letter.

🚽 My Computer		
Elle Edit View Favorites	Tools Help	AU
🕲 Back - 🕥 - 🧊	Search 🍋 Folders	
Address 🚽 My Computer	M OLE Planet (Ar)	👻 🏓 Go
System Tasks System Tasks Yiew system information Add or remove programs Change a setting	301 Poppy (Al.) Ucol Bok (C:) UTRW-420UF (D:) Ucol Bok (P:) UtrW-420UF (C:) UTRW-420UF (C:) WRemovable Bok (P:)	
Other Places My Network Places My Documents Control Panel	A Mobile Device	
Details My Computer System Folder	â	

Q: How much memory does the TEW-429UF have?

A: 512MB

*Please note: Some of the listed capacity is used for formatting and other functions (20MB is reserved for User's Guide and Driver Utility) and thus is not available for data storage. Please see User's Guide for detail

