LEGAL INFORMATION

Copyright © 2011 ZTE CORPORATION.

All rights reserved.

The manual is published by ZTE Corporation. We reserve the right to make modifications on print errors or update specifications without prior notice.

Version No. : R1.0

Introduction

ZTE AC30 is a 2G/3G Wi-Fi device, working in GSM/GPRS/EDGE/WCDMA/EV-DO/HSPA network. The client devices could connect to it via USB or Wi-Fi interface. The device supports data and SMS services, enabling you to communicate anytime and anywhere.

This quick guide provides instructions on how to install and get started with the product. For information about connection of services, please consult your service provider.

Specification

Data Service	HSPA: DL 7.2 Mbps; UL 5.76 Mbps
	EV-DO: DL 3.1 Mbps; UL 1.8 Mbps
	WCDMA CS: 64 Kbps UL/DL
	WCDMA PS: 384 Kbps UL/DL
Interface	USB and Wi-Fi
Wi-Fi Standard	802.11 b/g
Wi-Fi Security	WEP/WPA/WPA2
USB Version	USB 2.0 HIGH SPEED

USB Interface Type	Mini USB-B
Weight	80 g
Dimension	99.7 mm*53.7 mm*13.9 mm
Power Adapter	5 V/700 mA
Battery capacity	1500 mAh
*Standby time	About 100 hours
*Working time	About 4 hours
Recommended system configuration	CPU: 500 MHz Pentium or above
	Hard Disk: 10 M or above
	RAM: 128 M or above
Operating system	Windows 7, Windows Vista(32bit or 64bit), Windows XP (SP3 or later), MAC(10.4 or later) **Without Wi-Fi, Internet surfing with the USB connection is only available for the Windows and MAC OS.**
Web browser	IE (7.0 or later), Firefox (3.0 or later), Opera (10.0 or later), Safari (4.0 or later), Chrome (5.0 or later)
Operating temperature	-10°C ~ +60°C
Storage temperature	-20°C ~ +50°C

Charging temperature	0°C ~ +45°C
Humidity	5%~ 95%

Notes: The standby and working time are only for your reference. They are based on the ideal working environment.

Getting to Know Your Device

The following figure shows the appearance of the device, it is only for your reference. The actual device may be different.

Interface and Buttons

1.Power	• Press and hold the button to switch on/off the device. • Press the button 10 times continuously to restore the device to the factory default settings.
2.Charger/USB port	• Charge your device. • Connect the client to your device via USB cable.

LED Indicator

It indicates the status of your device.

• When the device is powered on:

Indicator	Status	Description
Battery indication 🔋	Red blinking	Please charge the battery
	Red solid	Low battery
	Green blinking	Charging
	Green solid	Voltage of battery is full(Charging completed)

Signal strength indication	📶	Red solid	ERROR or NO signal or NO network service
		Green blinking	Signal is ok
		Green solid	Signal is good
Wi-Fi indication	📶	Green blinking	Wi-Fi is active
		LED off	Wi-Fi is inactive
Network indication	↕	Red blinking	2G / 1x Modem data transferring
		Red solid	Register on 2G/ 1x network
		Green blinking	3G/HSIA Modem data transferring
		Green solid	Register on 3G/HSIA network

- When the device is powered off and charging:

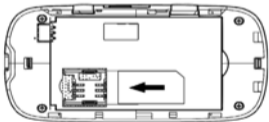| Indicator		Status	Description
Battery indication	🔋	Green blinking	Charging
		LED off	Voltage of battery is full(Charging complete)

Hardware Installation
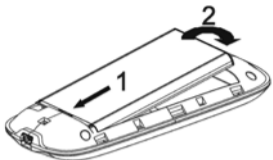
Inserting (U)SIM Card and Battery

1. Use the thumb catch at the bottom of the device to open the battery cover.
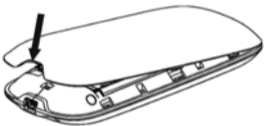
2. Insert the (U)SIM card into the (U)SIM card holder.

3. Insert the battery as shown with the contacts located against the metal springs, and press the battery down into the case.

4. Line the battery cover up correctly and press gently to close the case.

Switching On/Off Your Device

Hold the **Power** button to switch on/off the device.

Notes:

The device is powered on when the signal strength indication lights up.

Charging Your Device

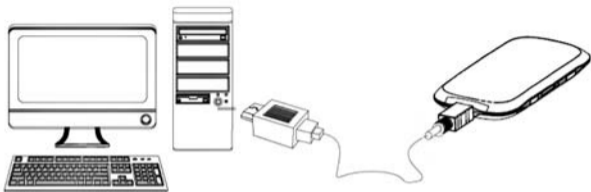You can charge your device by using USB cable or adapter.

1. Insert the charger lead carefully with the plug arrow facing the bottom of the device.
2. The plug only fits one way. Do not use excessive force to insert the plug.
3. Make sure the plug is lined up correctly and inserted gently.

Working Mode

Your device supports three working modes. We only use PC or laptop as the example in this document.

USB Mode: Connect to the device with the USB cable.

Wi-Fi Mode: Connect to the device via Wi-Fi.

Mixed Mode: Connect to the device with the above two connection methods.

Notes:

If you want to connect to the Internet by using Wi-Fi mode, make sure that the client supports the Wi-Fi function.

The following picture is the application example. All of the client devices can surf on the Internet at the same time.

Establish a connection between your Wi-Fi device and the client

Via USB Cable

- Connect your device and the client with the USB cable.
- Power on your device.
- Follow the system prompts to complete the software installation.

Notes:

> ➢ Uninstall previously installed ZTE product drivers (if any) before installing drivers for ZTE AC30
>
> ➢ If the system does not launch installation automatically, you can run the installation program in path of **My Computer > ZTEAC30**.

- The driver of your device will be installed automatically at the same time.
- After the installation, the **ZTEAC30** program will be displayed in the **Start→Programs menu**. The connection between your device and the client will be established successfully within few moments.

- DISABLE PROXY SETTINGS INSIDE INTERNET EXPLORER SETTINGS TO ACCESS INTERNET and WEB GUI HOME PAGE.

Via Wi-Fi

1. Power on your device directly. It will take 1~2 minutes to initialize, and then WI-Fi LED will blink.
2. Use your normal Wi-Fi application on the client to search the available wireless network.

Notes:

- DISABLE PROXY SETTINGS INSIDE INTERNET EXPLORER SETTINGS TO ACCESS INTERNET and WEB GUI HOME PAGE.
  You need to check your Wireless Network Connection. Set the client to obtain an IP address automatically in the Internet protocol (TCP/IP) properties, and the client will be assigned an IP address like "192.168.0.100".
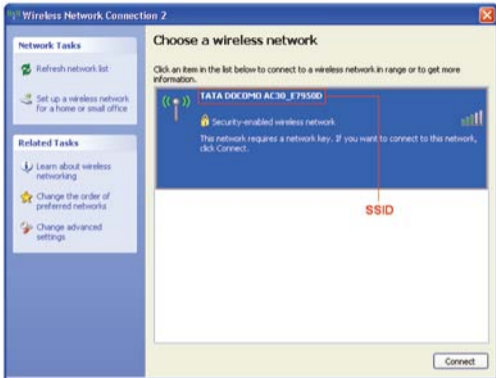
The Wi-Fi network on the device can be identified with the string "TATA DOCOMO AC30_XXXXXX".

XXXXXX- SSID [Service Set Identifier] which will be displayed on the label:

TATA DOCOMO AC30_XXXXXX
Password: 12345
Web Browser http://192.168.0.1

3. Select the SSID of your device, and then click **Connect**.

Notes:
There will be a pop-up window prompting you for password. The default password is 12345. Default Wi-Fi security setting is WEP.

It is recommended that you change the password using Web GUI for security concerns.

The details for changing password are mentioned in the manual later.

4. Wait for a few moments. The connection between your device and the client will be established successfully.

Access the Internet

1. Switch on the device.
2. Establish a connection between your device and the client.
3. After successfully establishing the connection, access the Internet through your web browser.
4. If proxy settings are enabled in Internet explorer settings, please disable the same for accessing the internet.

Notes:

There are three modes of internet access viz. Always On, On Demand and Manual. The default mode is "Always On".

You can browse the Web GUI Configuration page and click WAN Connection to set the **WAN connection** mode.

Access the Web GUI Configuration Page

1. Make sure the connection between your device and the client is correct.
2. Launch the internet browser and enter http://192.168.0.1 or http://ufi. home in the address bar.

Notes:

It is recommended that you use IE (7.0 or later), Firefox (3.0 or later), Opera (10.0 or later), Safari (4.0 or later) or Chrome (5.0 or later).

3. The login page appears as follows.

3.1 When GSM SIM card is inserted for TATA DOCOMO services.

Administrator :   ☐ Save   Login

3G wifi Hub   www.3gconnect.tatadocomo.com

mobile TV   Let's Play   Videos   Catch-up

T₁₁₁   2G   TATA DOCOMO   ● Connected

WAN Information
- Network Provider   TATA DOCOMO
- Network Type   2G
- Connection Status   Connected
- IP Address   27.107.101.16
- Primary DNS   121.242.190.191
- Secondary DNS   121.242.190.210

WLAN Information
- SSID   TATA DOCOMO AC30_D254AA
- Wifi Users   1/5

Device Information
- Software Version   ZTAC30DT02
- Hardware Version   AC30_100101
- PIN Status   Disable

Profile Information
- Profile Name   tata

Customer care number : 1800-266-121   email: listen@tatadocomo.com
For details visit tatadocomo.com or tataphotonplus.co.in
Copyright (c) 1998-2011 ZTE Corporation. All rights reserved.

WEBSERVER

18

3.2 When CDMA card is inserted for Tata Photon Plus service.

TATA photon Wi-Fi
Mobile Wi-Fi Service

3G wifi Hub   www.tataindicom.com

Administrator : [   ] ☐ Save [Login]

mobile TV   Let's Play   Videos   Catch-up

Tata Photon Whiz   Tata Photon +   Hybrid   TATA Indicom   ● Connected

WAN Information
- Network Provider   TATA Indicom
- Network Type   Hybrid
- Connection Status   Connected
- IP Address   121.245.175.33
- Primary DNS   121.242.190.180
- Secondary DNS   121.242.190.210

WLAN Information
- SSID   TATA DOCOMO AC30_43FE65
- Wifi Users   1/5

Device Information
- Software Version   ZTAC30DT02
- Hardware Version   AC30_100101
- PIN Status   Disable

Profile Information
- Profile Name   Tata Photon Plus

View the information of WAN, WLAN, Device and Profile. Input the case-sensitive default password "**admin**", and then click **Login** to access the Web GUI Configuration page.

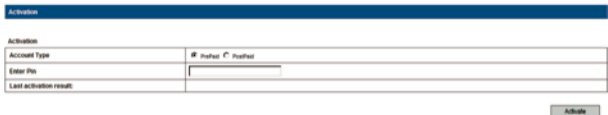**Activation Procedure:**

● Click the **Activation** button at the top right corner of the Web GUI Configuration page to initiate the activation process

20

- Choose Prepaid or Postpaid as per your plan and input the 14 Digit PIN code, then click the **Activate** button.

Activation	
Activation	
Account Type	⦿ PrePaid ○ PostPaid
Enter Pin	
Last activation result:	

Activate

- During the activation, please do not switch off your device or the Web GUI Configuration Page Activation might take 1 to 2 Minutes. If activation fails please retry after sometime.

Please contact service provider at: **1800-266-121** in case the activation progress failed.

PIN Code Verification

If the PIN code of your (U)SIM card is enabled, you will need to input the PIN code when you login the first time.

The (U)SIM card will be locked if you enter wrong PIN code consecutively for three times. It will prompt you for PUK [Pin Unlock Key]. Please contact customer care for receiving the PUK of your SIM.

If you want to modify the PIN Status, please select **Settings > Advanced > PIN Manage** to do the actions.

Quick Setup

After logging in, select **Quick Setup**, and then the Quick Setup wizard appears.

The Quick Setup wizard guides you how to set the basic parameters for your device in the safest way. After this procedure, you can use your Internet service.

Please note that the changes will be possible only if you are not connected to the internet. To disconnect the connection click on "**WAN Connection > Manual (Disconnect Internet)**"

WAN Connection Mode

○	Always On	
◉	Manual	Disconnect Internet ▾
○	On Demand	
WAN Connection Status	Disconnected	

Notes:

The parameter settings may have been preset by your service provider, and you will enjoy your Internet service directly. Please contact your service provider: **1800-266-121** for details if you want to do some modification.

WAN Connection

After logging in, select **WAN Connection**, and you can choose the WAN Connection Mode according to your requirement. Default: Always ON / Auto connect: ON

Settings

After logging in, select **Settings**, and you can do the following operations.

Select **Settings > Wi-Fi Settings**	View the current station list, change the basic wireless network settings, and choose the security mode.
Select **Settings > Network Settings**	View the 3G Wireless Information, select Band Selection Mode or change APN Setting.

Select **Settings > Firewall**	Set the Mac/IP/Port Filtering, Port Forwarding or the System Security configuration.
Select **Settings > Advanced**	View the current status of your device, change the Administrator Settings, restore factory defaults, manage PIN or set the LAN interface configuration.

Wi-Fi Settings

● **Station List**

Select **Settings > Wi-Fi Settings > Station List** to show the Wi-Fi client status.

● **Basic**

Select **Settings > Wi-Fi Settings > Basic** to config the basic settings of the wireless network.

- **Network Mode**: If all of the wireless devices connect with this device in the same transmission mode, performance will be improved by choosing the appropriate wireless mode.
- **Network Name (SSID)**: Service Set Identifier (SSID). Enter a string less than 32 characters as the name for your wireless local area network (WLAN).
- **Broadcast Network Name (SSID)**: Disable or Enable (Default) this function. If Enable is selected, your device broadcasts the SSID, and other devices can search and connect to it. When you select Disable,

other devices cannot search out the SSID. If you want someone to connect, you need tell them the SSID, and let them setup manually.

- **Country Code**: Choose the right country code.
- **Frequency(Channel)**: Choose the appropriate channel to optimize the performance and coverage of your wireless network.
- **Rate**: Choose the speed rate.
- **MAX Station Number**: Change the maximum number of the stations which connect the AP simultaneously.

Click Apply to confirm your configuration.

● **Security**

Select **Settings > Wi-Fi Settings > Security** to set the wireless network security of your device.

In the **OPEN** security mode:

1. Select the Encrypt Type.
2. Select the Default Key which you want to use.
3. Enter the WEP Keys(5 or 13 ACSII characters/10 or 26 HEX characters).
4. Click **Apply** to confirm.

In the **SHARED** security mode:

1. Select the Default Key which you want to use.
2. Enter the WEP Keys(5 or 13 ACSII characters/10 or 26 HEX characters).
3. Click **Apply** to confirm.

In the **WPA-PSK, WPA2-PSK or WPA-PSK/WPA2-PSK** security mode:

1. Choose the WPA Algorithms.
2. Enter the WPA Key manually.
3. Click **Apply** to confirm.

Administrator Management

Select **Settings > Advanced > Management** to change the login password of the Web GUI Configuration page.

1. Enter the current password.
2. Enter the new password twice.
3. Click **Apply** to confirm.

Disconnect from the Internet

1. Log in the Web GUI Configuration page, and select **WAN Connection**.
2. Select **Manual > Disconnect Internet**.
3. Click **Apply**.

Notes: Turning off the device can also terminate the Internet connection.

SMS

This function only allows you to receive messages.

After logging in, select **SMS**, and the **Inbox** interface will display. You can do the operations of view/delete/delete all/balance check/refresh.

Sleep Mode

When you enable the Wi-Fi function and use the battery to supply power to the device, once no user connects to the device within 10 minutes, the device will enter the sleep mode, and all LEDs will be turned off. In the sleep mode, the Wi-Fi function will be disabled. Press the **Power** button to wake up the device, and all LEDs will be turned on.

Notes:

With USB connection if no Wi-Fi user connects to the device within 10 minutes, only the Wi-Fi function will be disabled. Press the **Power** button to enable this function.

FAQ

Q: What is ZTE AC30 main purpose unlike other routers?

A: ZTE AC30 is a portable Wi-Fi device that fits in the palm of your hand. It will allow you to connect up to 5 devices to access the Internet, such as laptops, portable game consoles or mobile phones.

Q: What networks does ZTE AC30 operate on?

A: ZTE AC30 operates on GSM/GPRS/EDGE/WCDMA/CDMA 1X/CDMA EV-DO/HSPA.

Q: What kind of security is available with ZTE AC30?

A: ZTE AC30 supports advanced Wi-Fi security protocol through standard methods such as Wi-Fi Protected Access (WPA & WPA2) and the previous method of Wired Equivalent Privacy (WEP). More advanced settings are available in the Web based user interface.

Q: What if the user forgets their ZTE AC30 password?

A: ZTE AC30 can be restored to the factory default settings by pressing the button 10 times continuously. The device will restart automatically to indicate reset is successful.

Q: What might the owner of ZTE AC30 need to be aware of before sharing with multiple devices?

A: With multiple devices or used as a temporary hotspot:

- If there are several heavy data users on at the same time, you may notice the degradation in performance
- Users are not allowed to access more than 5 devices to ZTE AC30 in order to keep the devices' data speed stable enough to be communicated without a problem.
- If all are accessing ZTE AC30 that is using the battery, the battery will be consumed faster than the average of 4 hours usage time for one user.

Q: Can a user connect ZTE AC30 to their computer with a USB cable?
A: ZTE AC30 can be charged when connected to a computer via USB cable, and no interferences to the device.

Q: Why does ZTE AC30 turn off automatically during using?
A: If ZTE AC30 operating temperature increases above 65°C, the device will automatically shutdown to prevent any damage.

Q: Does ZTE AC30 support voice calls, fax and/or text messaging?
A: ZTE AC30 only support to receive text message.

Q: Can ZTE AC30 be used for memory storage?
A: ZTE AC30 does not support removable memory storage.

Q: How long does a user need to charge the battery before they begin using?
A: The battery must be fully charged before using ZTE AC30 for the first time. We recommend a minimum of 4 hours charging time before first use.

Q: Does ZTE AC30 require the software installation?

A: ZTE AC30 comes with a browser URL that allows the user to configure the device. You can activate, select a profile, establish security and set more advanced settings without installing any software.

Q: What if ZTE AC30 cannot access the internet even though the unit has been activated?

A: Verify your network & signal strength for optimal performance.

Q: When will a user of ZTE AC30 need to access Web GUI configuration interface?

A: The Web GUI configuration interface will only need to be accessed or used when configuring your device for the first time or changing the security settings or establishing more advanced settings.

Troubleshooting

Problem Description	Possible Causes	Problem Solving
The system cannot run the installation program automatically.	The system configuration is having difficulty with the auto-run software.	The device will appear as a virtual CDROM on the PC's start menu. Click on the icon and start the **Autorun.exe**. If you have previously installed a version of the program, please uninstall it first.
After installation, the system doesn't install the driver program properly.	The system configuration is having difficulty with the auto-run software.	Please install the driver program manually. The driver program can be found in installation folder.

After restarting the PC or laptop, the signal indicator is always blinking or red bright.	1. You are in the place where there is no GSM/GPRS/EDGE/WCDMA/CDMA 1X/CDMA EV-DO/HSPA network coverage. Such places include underground parking garages, tunnels, and some remote rural areas.	1. Move to an area with good signal
	2. The (U)SIM card isn't inserted properly.	2. Remove and reinsert the (U)SIM card correctly.
Cannot receive message	1. The SMS center number is incorrect.	1. Your device is preconfigured so it is unlikely that it will need changing. However if it is missing or incorrect contact your operator.

Cannot receive message	2. The network is busy or you are in an area with no signal.	2. Try later or move to an area with a stronger signal.
Data connection failed.	1. You are in the place where there is no GSM/ GPRS/EDGE/WCDMA/ CDMA 1X/CDMA EV-DO/ HSPA network coverage.	1. Move to an area with good signal.
	2. The network is busy.	2. Try later.
	3. The APN in the user configuration file is incorrect.	3. Check the APN in the user configuration file by selecting **Settings > Network Settings > Profile Setting**. TATA DOCOMO 3G: tatadocomo3g TATA DOCOMO 2G : tata docomo.internet

Warning and Notice

To the Owner

Some electronic devices are susceptible to electromagnetic interference sent by your device if inadequately shielded, such as the electronic system of vehicles. Please consult the manufacturer of your device before using if necessary.

- Operating of laptop and desktop PCs and your device may interfere with medical devices like hearing aids and pacemakers. Please always keep them more than 20 centimeters away from such medical devices when they are turned on. Turn your device off if necessary. Consult a physician or the manufacturer of the medical device before using your device.

- Be aware of the usage limitation when using your device at places such as oil warehouses or chemical factories, where there are explosive gases or explosive products being processed. Turn off your device if required.

- The use of electronic transmitting devices is forbidden in aircrafts, at petrol stations and in hospitals. Please observe and obey all warning signs and switch off your device in these conditions.
- Do not touch the inner antenna area if not necessary. Otherwise it will affect your device's performance.
- Store your device out of the reach of little children. Your device may cause injury if used as a toy.
- Do not touch the metallic parts of your device so as to avoid a burn, when your device is working.

Using Your Device

- Please use original accessories or accessories that are authorized. Using any unauthorized accessories may affect your device's performance, and violate related national regulations about telecom terminals.
- Avoid using your device near or inside metallic structures or establishments that can emit electromagnetic waves. Otherwise it may influence signal reception.

- Your device is not waterproof. Please keep it dry and store in a shady and cool place.
- Do not use your device immediately after a sudden temperature change. In such case, it will produce dew inside and outside your device, so don't use it until it becomes dry.
- Handle your device carefully. Do not drop, bend or strike it. Otherwise your device will be damaged.
- No dismantling by non-professionals and only qualified technicians can undertake repair work.
- Operating temperature range of 0°C ~ +35°C and humidity range of 5% ~ 95% are recommended.

Using Battery

- Do not short-circuit the battery, as this can cause excessive heat and fire.
- Do not store battery in hot areas or dispose of it in a fire to avoid explosion.
- Do not disassemble or modify the battery.

- When not using the battery for a long period, remove it from your device and store it in a cool dry place.
- Never use any charger or battery damaged or worn out.
- Return the wear-out battery to the provider or put it in the appointed recycle place. Do not put it in familial rubbish.

Warning:

If the battery is broken, keep away from it. If it taints your skin, wash your skin with abundant fresh water and ask doctor help if necessary.

Limited Warranty

- This warranty does not apply to defects or errors in the Product caused by:
    i.   Reasonable abrasion.
    ii. End User's failure to follow ZTE's installation, operation or maintenance instructions or procedures.
    iii. End User's mishandling, misuse, negligence, or improper installation, disassembly, storage, servicing or operation of the Product.

iv. Modifications or repairs not made by ZTE or a ZTE-certified individual.

v. Power failures, surges, fire, flood, accidents, actions of third parties or other events outside ZTE's reasonable control.

vi. Usage of third-party products, or usage in conjunction with third-party products provided that such defects are due to the combined usage.

vii. Any other cause beyond the range of normal usage intended for the Product.

End User shall have no right to reject or return the Product, or receive a refund for the Product from ZTE under the above-mentioned situations.

- This warranty is End User's sole remedy and ZTE's sole liability for defective or nonconforming items, and is in lieu of all other warranties, expressed, implied or statutory, including but not limited to the implied warranties of merchantability and fitness for a particular purpose, unless otherwise required under the mandatory provisions of the law.

Limitation of Liability

ZTE shall not be liable for any loss of profits or indirect, special, incidental or consequential damages resulting from or arising out of or in connection with using of this product, whether or not ZTE had been advised, knew or should have known of the possibility of such damages, including, but not limited to lost profits, interruption of business, cost of capital, cost of substitute facilities or product, or any downtime cost.

Disclaimers

- Operating temperature -10°C ~ +60°C. If the device operating temperature increases above 65°C, device will automatically shutdown to prevent any damage.
- Device should be kept in cool and away from sunlight to avoid unnecessary heating of device.
- If Charger cable is unplugged harshly, the device LEDs will turn off. Please note that the device is not turned off in this case and a short press of power button will resume the LED status.
- No Direct connect and disconnect button, user has to select "Apply" button to take necessary action.
- The battery working time with data ON can vary between 3 to 5 hours based on the browsing speed and network conditions.
- Device is plug_and_play; however in certain cases due to antivirus and admin policies if driver is not installed automatically, then user can install the same manually by searching the CD ROM in My Computer.

- Manually set profile cannot be deleted once modified through quick set up.

How to Get Help

You can get Help by:
- Customer care number: **1800-266-121**
- Email: **listen@tatadocomo.com**
- For details visit **tatadocomo.com or tataphotonplus.co.in**