



# User Manual

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[www.sar-tick.com](http://www.sar-tick.com)












This product meets applicable national SAR limits of 1.6W/kg.

The specific maximum SAR values can be found in the section of this user guide.

When carrying the product or using it while worn on your body, either use an approved accessory such as a holster or otherwise maintain a distance of 5 mm from the body to ensure compliance with RF exposure requirements. Note that the product may be transmitting even if you are not Surfing Internet.

# Safety precautions

Read the safety precautions carefully to ensure the correct and safe use of your wireless device.

	Do not switch on your device when the device use is prohibited or when the device use may cause interference or danger.
	Follow the rules or regulations in hospitals and health care facilities. Switch off your device near medical apparatus.
	Switch off your device in an aircraft. The device may cause interference to control signals of the aircraft.
	Switch off your device near high-precision electronic devices. The device may affect the performance of these devices.
	Do not attempt to disassemble your device or its accessories. Only qualified personnel are allowed to service or repair the device.
	Do not place your device or its accessories in containers with strong electromagnetic field.
	Do not place magnetic storage media near your device. Radiation from the device may erase the information stored on them.
	Do not put your device in a high-temperature place or use it in a place with flammable gas such as a gas station.
	Keep your device and its accessories away from children. Do not allow children to use your device without guidance.
	Use approved batteries and chargers only to avoid explosion.
	Observe the laws or regulations on device use. Respect others' privacy and legal rights when using your device.

It is recommended that the equipment only be used in an environment where temperature is between 0°C and 45°C and humidity is between 10% to 90%. Keep the equipment in the environment where temperature is between -10°C and 60°C or humidity is between 10% to 90%.













# 1. Web UI configuration

## 1.1 Log into the configuration page

Open the browser and enter this address <http://192.168.1.1>.

The default login not need password.

## 1.2 Icon description

Category	Icon Display
Signal strength	 From no signal to excellent
Network status	 Disconnect,  Connected,  Roaming
SMS	 Normal,  New message,  SMS box full,  View message
Home	 Click to go back to Home page
Network type	2G: EDGE, GPRS; 3G: HSPA, HSUPA, UMTS; 3G+: HSPA+, DC-HSPA+; LTE: LTE
Connection status	 Connected,  Disconnected
Usage	 Usage data

## 2. Connection

Click the “Connection” area to open the menu. This includes connection info, upload/download usage (for a connected duration), network technology, number of devices connected.

### 2.1 Connection information

**Turn on/off Key:** Connect/disconnect from the Internet.

**Network information:** Display Operator name. If network is roaming, the icon “R” appears on the right of operator name, otherwise, hidden “R” icon.

### 2.2 Usage information

A current usage time and data is displayed:

 Total time duration for current connection in HH:MM (e.g: 12Hrs 02 Mins).

 Total data for current connection in MB or GB.

## 2.3 Signal & technology information



**Signal icon:** Shows the signal strength. The icon is grey when there is no service.



**Network technology:** 2G, 3G, 3G+, LTE in different networks. Icon is empty in disconnected and no service status.

## 3. Usage

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Click **Usage** area to open usage status menu and display usage info in home and roaming status, which includes upload/download data transfers.

### 3.1 Usage information

**Home:** Local download + upload usage, current volume/total volume; Clear all data when starting a new period cycle. If usage exceeds 100%, reminder icon displays.

**Roaming:** Current Roaming Data and Total Roaming Data.

**Duration:** Duration time for each connection; total duration time for a specified connection period. If time exceed limitation, reminder icon displays.

### 3.2 Clear history

Click top right option menu and select **Clear History** in the draw menu.

When it is billing day, the whole usage database will be cleared automatically.

If usage or time exceeded the limitation and you set a new usage or time limitation plan, the previous database will be cleared automatically.

If usage or time hasn't exceeded the limitation and you set a new usage or time limitation plan, the database will not be cleared.

### 3.3 Usage setting

Click on the top right of the option menu and select **Usage settings** to set usage data.

## 4. SMS

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Click the **SMS** area to enter the Message interface, the following items are included:

**+New message:** Create new SMS.

**Draft:** Save the unsent SMS.



: Delete SMS.



: Send SMS fail.



: Option Menu.

- SMS settings.
- Delete all messages.

### Read/Reply/Forward SMS

Double click a message to read the entire message. At the same time a SMS box is displayed for Reply/Forward.

## 5. Settings

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Click **Settings** to enter the Settings area and the following items are included.

**Profile management:** Edit your profile.

**PIN Code Settings:** PIN operation: include two behaviours: Disable/Modify.

- Note:**
- When you entered the wrong PIN 3 times, PUK is needed. You can get this key from the operator.
  - PIN code: 4-8 digits.

**Connection mode:** Automatic or Manual at draw down list.

Network mode: Auto, 2G only, 3G only, 2G/3G modes in draw down list.

**About:** Display your device basic information.

- **Reboot:** Restart the device.
- **Reset:** Reset the device to the original factory settings.
- **Backup:** Download (backup) the configuration.
- **Restore:** Choose file to restore.

## 6. Software update

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### Online update

The device will check the software version automatically. Find new version: xx, click "Update" to update to new version. Don't power off during upgrading. Device will be restarted after an upgrade.

## 7. Help

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Click **Help** to open the User Manual.

## 8. Warranty

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The device is warranted against any deviation from technical specifications for a period of twelve (12) months from the date specified on your original invoice<sup>1</sup>.

Under the terms of this warranty, you must immediately inform your vendor in case of a conformity defect on this device, and present a proof of purchase.

The vendor or repair center will decide whether to replace or repair this device, as appropriate.

Repaired or replaced this device are warranted ONE (1) month unless there are statutory provisions to the contrary.

This warranty shall not apply to damage or defects to this device due to:

- 1) Not following the instructions for use or installation.
- 2) Not being compliant with technical and safety standards applicable in the geographical area where this device is used.

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<sup>1</sup> The mandatory warranty period may vary if overriding statutory provisions are applicable in your jurisdiction.

- 3) Improper maintenance of sources of energy, and of the overall electric installation.
- 4) Accidents or consequences of theft of the vehicle in which this device is transported, acts of vandalism, lightning, fire, humidity, infiltration of liquids, inclement weather.
- 5) Connecting to or integrating into this device any equipment not supplied or not recommended by the manufacturer.
- 6) Any servicing, modification or repair performed by individuals not authorised by the manufacturer, the vendor or the approved maintenance centre.
- 7) Use of this device for a purpose other than that for which it was designed.
- 8) Malfunctions caused by external causes (e.g., radio interference from other equipment, power voltage fluctuations).
- 9) Faulty connections resulting from unsatisfactory radio transmission or caused by the absence of radio relay coverage.

Warranty is also excluded for this device on which markings or serial numbers have been removed or altered.

This device is also warranted against hidden defects (defects inherent in the design, manufacture, etc.).

There are no other express warranties than this printed limited warranty, expressed or implied, of any nature whatsoever.

In no event shall the manufacturer be liable for incidental or consequential damages of any nature whatsoever, including but not limited to trading loss, commercial loss, to the full extent those damages can be disclaimed by law. Some countries/states do not allow the exclusion or limitation of incidental or consequential damages, or limitation of the duration of implied warranties, so the preceding limitations or exclusions may not apply to you.

## 9. Q&A

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1. Q: Which browsers does the device support?  
A: It supports Firefox, Safari 4.0.2----5. 2, IE 7.0----10.0, Opera; Chrome.
2. Q: Which OS does the device support?  
A: It supports windows XP/Vista/7/8/10; Mac OS X10.5----10.10.
3. Q: What to do if there is No service?  
A: The possible reasons are listed as bellow:
  1. Unstable local signal.
  2. Hardware problem.
 You may:
  1. If you are inside a building or near a structure that may be blocking the signal, change the position or location of the device. For example, try moving the device closer to a window.
  2. Check the hardware or use another device and retry.
4. Q: What to do if “PIN lock” or “PUK lock”?  
A: The SIM card is locked. Log into the Web page and Enter your PIN code or PUK code you got from the operator.  
**Note:** If you entered wrong PIN 3 times, then PUK is needed, and if the wrong PUK entered 10 times, the SIM card will be locked forever.

5. Q: How to connect/disconnect to the LTE network?  
A: Log into the web browser, go to **Connection** and click “Connect/Disconnect” button.
6. Q: How to set a new PIN for my SIM card?  
A: Log into the web browser, go to **Settings->PIN Code Management**.
7. Q: Where can I find information about Internet connectivity?  
A: Log into the web browser, go to **Connection**.
8. Q: How to check the volume and time i used before?  
A: Log into the web browser, go to **Usage**.
9. Q: How to search the network manually?  
A: Log into the web browser, go to **Settings->Network mode**, choose manual for network selection.
10. Q: How to check the model number and firmware versions of my device?  
A: Log into the web browser, go to **Settings->About**.
11. Q: Can I back up and restore my configuration settings?  
A: Log into the web browser, go to **Settings->About**.
12. Q: How do I connect to the Internet automatically when I turn on the device?  
A: Log into the web browser, and go to **Settings->Network mode->AUTO**.
13. Q: How to change the login password?  
A: Log into the web browser, and go to **Settings->Login settings**.

## 10. Warning and precautions

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### Electronic Device

Turn off your device near high-precision electronic devices. The wireless device may affect the performance of these devices. Such devices include hearing aids, pacemakers, fire alarm system, automatic gates, and other automatic devices can be affected. If you are using an electronic medical device, consult the device manufacturer to confirm whether the radio wave affects the operation of this device.

### Hospital

Pay attention to the following points in hospitals or health care facilities:

- Do not take your wireless device into the operating room, intensive care unit, or coronary care unit.
- Do not use your wireless device at places for medical treatment where wireless device use is prohibited.

### Storage Environment

- Do not place magnetic storage media such as magnetic cards and floppy disks near the wireless device. Radiation from the wireless device may erase the information stored on them.
- Do not put your wireless device and other accessories in containers with strong magnetic field, such as an induction cooker and a microwave oven. Otherwise, circuit failure, fire, or explosion may occur.
- Do not leave your wireless device in a very hot or cold place. Otherwise, malfunction of the products, fire, or explosion may occur.
- Do not subject your wireless device to serious collision or shock. Otherwise, wireless device malfunction, overheat, fire, or explosion may occur.



## **Children Safety**

- Put your wireless device in places beyond the reach of children. Do not allow children to use the wireless device without guidance.
- Do not allow children to put the device in mouth.
- Do not allow children to touch the small fittings. Otherwise, suffocation or gullet jam can be caused if children swallow the small fittings.

## **Operating Environment**

- The wireless device is not water-resistant. Keep it dry. Protect the wireless device from water or vapor. Do not touch the wireless device with a wet hand. Otherwise, short-circuit and malfunction of the product or electric shock may occur.
- Do not use the wireless device in dusty, damp and dirty places or places with magnetic field. Otherwise, malfunction of the circuit may occur.
- On a thunder stormy day, do not use your wireless device outdoors.
- The wireless device may interfere with nearby TV sets, radio and PCs.
- In accordance with international standards for radio frequency and radiation, use wireless device accessories approved by the manufacturer only.

## **Traffic Safety**

When driving, do not use the device.

- When switched on, this device emits electromagnetic waves that can interfere with the vehicle's electronic systems such as ABS anti-lock brakes or airbags. To ensure that there is no problem, do not place this device on top of the dashboard or within an airbag deployment area.
- Check with your car dealer or the car manufacturer to make sure that the dashboard is adequately shielded from this device RF energy.

## **Conditions of Use**

- Switch this device off before boarding an aircraft.
- Switch this device off when you are in health care facilities, except in designated areas. As with many other types of equipment now in regular use, this device can interfere with other electrical or electronic devices, or equipment-using radio frequencies.
- Switch this device off when you are near gas or flammable liquids. Strictly obey all signs and instructions posted in a fuel depot, petrol station, chemical plant, or in any potentially explosive atmosphere.
- When this device is switched on, it should be kept at least 15 cm from any medical device such as a pacemaker, a hearing aid or insulin pump, etc.
- Do not let children use this device without supervision.
- When replacing the cover, please note that this device may contain substances that could create an allergic reaction.
- Always handle this device with care and keep it in a clean and dust-free place.
- Do not open, dismantle or attempt to repair this device yourself.
- Do not drop, throw or bend this device.
- Do not paint it.

## WEEE Approval

This device is in compliance with the essential requirements and other relevant provisions of the Waste Electrical and Electronic Equipment Directive 2012/19/EU (WEEE Directive)



This symbol on this device means that these products must be taken to collection points at the end of their life:

Municipal waste disposal centers with specific bins for these items of equipment.



Collection bins at points of sale.

They will then be recycled, so that their components can be reused, and to prevent substances being disposed of in the environment.

### In European Union countries:

These collection points are accessible free of charge.

All products with this symbol must be brought to these collection points.

### In non-European Union jurisdictions:

Items of equipment with this symbol are not to be thrown into ordinary bins if your jurisdiction or your region has suitable recycling and collection facilities; instead they are to be taken to collection points for recycling.

## RoHs Approval

This device is in compliance with the restriction of the use of certain hazardous substances in electrical and electronic equipment Directive 2011/65/EU (RoHs Directive).

### ● Federal Communications Commission (FCC) Declaration of Conformity

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device has been tested and found to comply with the limits for a Class B digital, 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 or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### FCC Caution:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## **FCC RF Exposure Information (SAR):**

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the United States.

During SAR testing, this is set to transmit at its highest certified power level in all tested frequency bands, and placed in positions that simulate RF exposure in usage near the body with the separation of 9 mm. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The exposure standard for wireless is employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.

Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of [HYPERLINK "http://www.fcc.gov/oet/ea/fccid"](http://www.fcc.gov/oet/ea/fccid) [www.fcc.gov/oet/ea/fccid](http://www.fcc.gov/oet/ea/fccid) after searching on FCC ID: 2ACCJB115.

The highest SAR value for this model phone when tested is 1.39 W/Kg for use close to the body. SAR compliance for body operation is based on a separation distance of 9 mm between the device and the human body. During use, the actual SAR values for this device are usually well below the values stated above. This is because, for purposes of system efficiency and to minimize interference on the network, the operating power of your device is automatically decreased when full power is not needed. The lower the power output of the device, the lower its SAR value.

Body-worn SAR testing has been carried out at a separation distance of 9 mm. To meet RF exposure guidelines during body-worn operation, the device should be positioned at least this distance away from the body.

If you are not using an approved accessory ensure that whatever product is used is free of any metal and that it positions the device the indicated distance away from the body.

Organizations such as the World Health Organization and the US Food and Drug Administration have suggested that if people are concerned and want to reduce their exposure they could use a hands-free accessory to keep the wireless device away from the head or body during use, or reduce the amount of time spent on the device.

## **IC Notice**

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian ICES-003.

IC: 9238A-0099

## **IC Radiation Exposure Statement**

This EUT is compliance with SAR for general population/uncontrolled exposure limits in IC RSS-102 and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528 and IEC 62209. This equipment should be installed and operated with minimum distance 0.9 cm between the radiator and your body. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

## General information

**Website for USA:** [us.alcatelmobile.com](http://us.alcatelmobile.com)

**Website for Canada:** [ca.alcatelmobile.com](http://ca.alcatelmobile.com)

**Hotline:** In the United States, call 855-368-0829 for technical support, In Canada, please call 855-844-6058.

**Manufacturer:** TCL Communication Ltd.

**Address:** 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong.

Your device is a transceiver that operates on GSM in quad-band (850/900/1800/1900 MHz), UMTS/HSDPA/HSDPA+ in quad-band Band 2/4/5 or LTE in hexa-band Band 2/4/5/7/12/13/17/71.

### Disclaimer

There may be certain differences between the user manual description and the device's operation, depending on the software release of your device or specific carrier services.

TCL Communication Ltd. shall not be held legally responsible for such differences, if any, nor for their potential consequences, which responsibility shall be borne by the carrier exclusively.

### Electronic Information

For more information on Electronic Recycling:

- 1) Visit Alcatel Electronic Recycling Program website at <https://us.alcatelmobile.com/accessibilitycompliance/electronic-recycling-program/>, or
- 2) Call Alcatel US Customer Support at 1-855-368-0829.

Battery Recycling (USA & Canada):

Alcatel partners with Call2Recycle® to offer a safe and convenient battery recycling program.

For more information on our Battery Recycling Program, please visit the USA and Canada website at <https://us.alcatelmobile.com/accessibilitycompliance/batteryrecycling/> and <https://ca.alcatelmobile.com/accessibilitycompliance/batteryrecycling/>.