alcatel
LINK
ZONE

User Manual

Contents

This product meets applicable national SAR limits of 2.0 W/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.

www.sar-tick.com

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 the 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%.

CHARGERS

Mains powered chargers will operate within the temperature range of: 0°C to 40°C.

The chargers designed for your device meet with the safety standard of technology equipment and office equipment use.

They are also compliant to the ecodesign directive 2009/125/EC. Due to different applicable electrical specifications, a charger you purchased in one jurisdiction may not work in another jurisdiction. They should be used for this purpose only.

1. Web UI configuration

1.1 Log into the configuration page

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

Enter password and click "Log In". The default login password is **admin**.

To prevent unauthorized access to the management page, change the login password.

1. Choose **Settings** > **Login setting** > **Modify Password**.

2. Enter the current password.

3. Enter a new password and confirm it and save.

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
Home	click to go back to Home page
Battery	Battery level
Network type	2G: EDGE, GPRS 3G: HSPA, HSUPA, UMTS 3G+: HSPA+, DC-HSPA+ 4G: LTE
Connection status	Connected, Disconnected
Usage	Usage data
Wi-Fi status	Wi-Fi active with connected devices

2. Connection

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

2.1 Connection information

Turn on/off Key: Connect/disconnect from 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+, 4G in different networks. Icon is empty in disconnected and no service status.

2.4 Battery information

Low power.

Different battery levels.

2.5 Connected devices information

This component shows the connected devices to LinkZone.

Device list edit: Click **numbers** to view detail connected devices. Click ✎ to edit the device name, ☑ to save the changes and any other area to give up the changes.

Block list edit: Click **Block** or **unblock** to manage device list, but USB device can't be blocked.

3. Usage

The Usage function records the network traffic, duration of the current connection, and roaming status.

3.1 Usage information

Home: Local download + upload usage, current volume/total volume; Clear all data when starting a new period cycle.

Roaming: Current Roaming Data and Total Roaming Data.

Duration: Duration time for each connection; total duration time for a specified connection period.

3.2 Usage setting

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

Viewing Traffic Statistics: Traffic statistics provide the network connection duration and traffic generated.

Clearing Traffic Statistics: This section describes how to clear the recorded traffic statistics.

Monthly Data Plan: You can set the monthly traffic statistics function and view the network traffic of the current month.

3.3 Clear history

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

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

If usage or time exceeds 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.

4. Message

Click the **SMS** area to enter the Message interface. The following items are displayed:

+New message: Create new SMS.

Draft: Save the unsent SMS.

🗑 : Delete SMS.

⚠ : Send SMS failed.

⋮ : Options 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

Click **Settings** to enter the Settings area. The following items are displayed.

Wi-Fi Settings: The service set identifier (SSID) is a name that identifies a wireless local area network (WLAN). To ensure the WLAN security, you can change the SSID and Password.

Wi-Fi Channel: Different domains have different channels (Channel 1~11 in FCC (US)/IC (Canada); Channel 1~13 in ETSI (Europe); Channel 1~13 in MKK (Japan)).

- **Max Number of Users:** Set the maximum number of Wi-Fi users. The default and maximum value is "15".

Login Settings: To prevent unauthorized access to the management page, change the login password.

- **Login password characters:** 4-16, if it exceeds 16 characters you will not be able to proceed.
- If an invalid character is input, an error message is displayed under user name and data is not saved.

Profile management: If you are using LinkZone for the first time, you must create a network profile to access the Internet. After you set the default profile, LinkZone accesses the Internet via the default operator's network.

PIN Code Settings: PIN Management provides PIN security settings to prevent unauthorized use of the SIM, USIM, or UIM card. If PIN verification is turned on, you need to enter the PIN only when LinkZone is turned on.

Note: • If you enter the wrong PIN 3 times you will be required to input your PUK code. You can get this key from the operator.

• PIN code: 4-8 digits.

Connection mode: Automatic or Manual may be chosen.

Network mode: Auto, 2G only, 3G only, 4G only modes in draw down list.

Advanced Settings

DHCP

• Router IP Address: The router's IP address on the LAN. The default setting is "192.168.1.1".

• Subnet Mask: The router's internal LAN subnet mask. The default setting is "255.255.255.0".

• Host Name: Name of web server.

• DHCP Server: DHCP Server will automatically assign IP addresses to devices on the network. The default setting is "Enable".

• DHCP IP Pool: Set a range of IP addresses available to access.

• DHCP Lease Time: Amount of time that a Wi-Fi enabled device can use its assigned IP address before it is required to renew the lease.

MAC Filter: You can control and manage the clients that access the wireless local area network (WLAN) to improve the security performance of the WLAN.

Note: The maximum allowed MAC list is 10.

About: Display your device basic information.

• **Reboot:** Restart the device.

• **Reset:** Reset the device to the original factory settings.

6. More

WPS

WPS mode: PBC (default) or WPS PIN:

If you choose PBC mode, PBC button and guide reminder will display.

If you choose WPS PIN, WPS PIN put in and guide reminder will display. Input WPS PIN then click Save to finish setting.

Online update

The device will check the software version automatically. If a new version has been detected, a reminder icon ⊙ will appear on the online home page. Find new version: xx, and click "Update" to update to new version.

7. Help

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

8. Battery charging

Wall Charger charging

When the device powers off, it will take a maximum of 3 hours to fully charge.

USB Cable charging

Charge the device by connecting it to a PC with the USB cable.

When the device powers off, it will take a maximum of 4 hours to fully charge.

9. Warranty

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[1].

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.

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.

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

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.

10. FAQ

1. Q: Which browser does the device support?

   A: It supports Windows IE 8 and later, Google Chrome (Win, Mac), Firefox (Win, Mac), Opera (Win, Mac), Safari (Mac).

2. Q: Which OS does the device support?

   A: It supports Windows 7/8/10, Mac OS 10.6.X - 10.10.X.

3. Q: How do I connect to the device?

   A: Open your wireless network connection list and select the relative SSID.

   Windows: Right-click **Wireless network connection** on the task bar, and select View Available Networks.

   Mac: Pull down list from AirPort icon. Select the SSID from the dropdown menu.

   iOS: Settings->Wi-Fi. Choose the SSID from the available Networks.

   Android: Settings->Wireless controls->Wi-Fi settings. Choose SSID from the available Networks.

4. Q: What do I do if I see the SSID but failed to connect?

   A: 1. Check the password you entered is the right one.

      2. Check if WPS security is enabled on your PC? If so, check the device to see if it is expecting a WPS action from your PC.

5. Q: What do I do if there is No service?

   A: the possible reason 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 close to a window.

      2. Check the hardware or use another device and retry.

6. Q: What do I do if I forgot Wi-Fi Key?

   A: You can long press both "Power" and "WPS" key 6s, all LED quick flash in blue for 4 times, reset device to factory mode.

7. Q: Why does the SSID does not appear in the wireless network list?

   A: You can check the device as the suggestion bellow:

- Check the device Status Display for error messages or information.
- Refresh your network list on your computer.

Windows: Click Refresh Network List on the left side of the Wireless Network Connection screen.

If that doesn't work you can try the following:

1. Open Network Connections.
2. Right-click Wireless Network Connection and select Properties.
3. Click the Wireless Networks tab.
4. Delete any unused wireless connections from the Preferred Networks list and click OK.
5. Restart your computer.

Mac: Try rebooting your computer

8. Q: What do I do if I see "PIN lock" or "PUK lock"?

   A: The SIM card is locked. Log into the Web page and Enter your PIN code or the PUK code you got from the operator.

   Note: If the wrong PIN is entered 3 times you will be required to input your PUK code. If the wrong PUK code is entered 10 times the SIM card will be locked permanently.

9. Q: How to connect/disconnect to the 4G/3G network?

   A: Log into the web browser, go to **Connection** and click "Connect/Disconnect" button.

10. Q: How do I set a new PIN for my SIM card?

    A: Log into the web browser, and go to **Settings->PIN Code Management**.

11. Q: Where can I find information about Internet connectivity and Wi-Fi setup?

    A: Log into the web browser, and go to **Connection**.

12. Q: How to check the volume and time used before?

    A: Log into the web browser, and go to **Usage**.

13. Q: How do I search the network manually?

    A: Log into the web browser, and go to **Settings->Network mode**, choose manual for network selection.

14. Q: How do I check the model number and firmware versions of my device?

    A: Log into the web browser, and go to **Settings->About**.

15. Q: Can I back up and restore my configuration settings?

    A: Log into the web browser, and go to **Settings->About**.

16. 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**.

17. Q: How do I change the SSID?

    A: Log into the web browser, and go to **Settings->Wi-Fi settings**.

18. Q: How do I change the login password?

    A: Log into the web browser, and go to **Settings->Login settings**.

19. Q: How do I change the Wi-Fi Key?

    A: Log into the web browser, and go to **Settings->Wi-Fi settings**.

11. Warning and precautions

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 choking ma 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.
- Do not use your wireless device outdoors during a thunder storm.
- 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.

Radio Waves

Proof of compliance with international standards (ICNIRP) or with European Directive 1999/5/EC (R&TTE) is required of all modem models before they can be put on the market. The protection of the health and safety for the user and any other person is an essential requirement of these standards or this directive.

THIS DEVICE MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES.

This device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves (radio frequency electromagnetic fields) recommended by international guidelines. The guidelines were developed by an independent scientific organization (ICNIRP) and include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The radio wave exposure guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2.0 W/kg.

Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The highest SAR values under the ICNIRP guidelines for this device model are:

Maximum SAR for this model and conditions under which it was recorded.		
Body-worn SAR	1.54 W/kg	WCDMA Band III + Wi-Fi

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 mobile device is automatically decreased when full power is not needed for the call. 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 5 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.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They recommend that if you are interested in further reducing your exposure then you can easily do so by limiting your usage or keep the device away from the head and body.

For more information you can go to www.alcatel-mobile.com

Additional information about electromagnetic fields and public health are available on the following site: http://www.who.int/peh-emf

This device is equipped with a built-in antenna. For optimal operation, you should avoid touching it or degrading it.

Licenses

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This equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. The entire copy of the Declaration of Conformity for your device can be obtained through our Website: www.alcatel-mobile.com

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