ZLT X21

Thank you for choosing our 5G wireless data terminal products. Please read this manual carefully and keep it for backup after reading it. ZLT X21 is a high-performance 5G indoor data terminal that supports NR(SA), converts cellular network data into Wi-Fi and wired network port data, supports 4 gigabit LAN ports, and supports 2.4G+5G dual-band Wi-Fi hotspot (AP). It is suitable for home or business scenarios that require rapid deployment of communication networks and Wi-Fi hotspots.

Main technical indicators of products

- Operating temperature：0℃~40℃
- Relative humidity :5%~95%
- Power: input AC 100 V~240 V,50Hz~60 Hz
  Output DC 12V/2A.
- Size:117 mm *117mm *180mm
- Weight: 580g
- Uplink and downlink peak rate: 5G DL 2Gbps, UL 1Gbps (Theoretical value and actual rate are subject to operator configuration)

1.Preparation

1.Valid SIM card

This device is suitable for Micro-SIM card only.

2.Check the device label to get the defaulted information（the picture below is only for the reference）


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2.Use the RJ45 standard network cable to connect to the computer through the LAN port, and then access the Internet
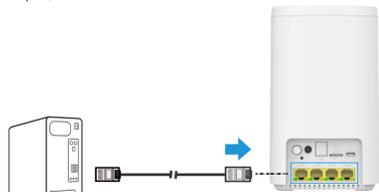
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2.SIM card insertion

Align with and insert the micro-SIM card flatly to the card slot. Otherwise it could be failed to insert smoothly.
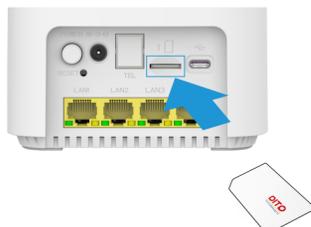
2

5.Device settings

1.You can view or modify device Settings by logging in to the device website.
*Check the device label to obtain the IP address, user name, and password of the default device management website
*Open a browser on the PC, input the IP address of the device management website to click in. (You are advised to use either of the following browsers to log in to the device configuration page. For example:●IE 7.0●Firefox 3.0● Safari 4.0●Opera10.0●Chrome10.0 or better version）
*Enter the user name and password and click "Login".
*On the device configuration management page, you can change the SSID, WiFi password, and other information.
*You can also change the password on the system Settings page.

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3.Adaptor

Connect the adapter to the external power supply, then connect to your device. Press the power switch, your device will power on and automatically connect to the Internet
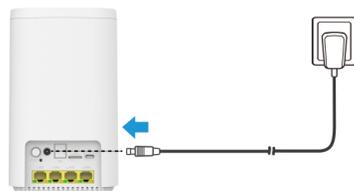
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6.WPS function

1.Long press the WPS button for three seconds and the WiFi light flashes to enter the WPS mode.
2.Enable WPS on your mobile device (remark: only available on the mobile devices with WPS function.)
3.Follow the system prompts on the mobile device to establish a connection with the device
4.WPS is automatically turned off after two minutes.

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4.Access to the internet

1.Check the defaulted information on the device label to obtain the SSID and WiFi. Select the correct SSID and input the correct WLAN KEY as wifi password on your mobile device to connect to WiFi and then access the Internet
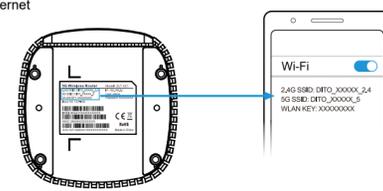
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7.Indicators and interfaces

1.Power LED   light on: the device operates.
    light off: the device closes.
2.WiFi   light on continually: Working properly

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Technical requirement:
finished size: 105*148mm
unfold size: 525*148mm: tolerance: +/-1mm
material: 80g book paper
color: single black printing on the front and back
folding pattern: zigzag folding
the red dotted line is the folding line, no need to print it

技术要求
成品尺寸：105*148mm；
展开尺寸：525*148mm；公差：+/-1mm
材质：80g书纸
颜色：正反两面单黑印刷
折叠方式：风琴折
红色虚线为折叠线不用印刷

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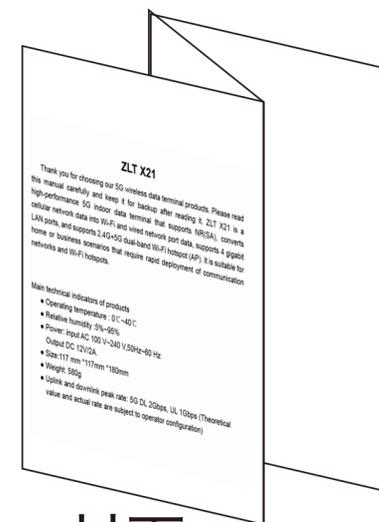
    light flashes: WPS function starts
    light off: WiFi or power off
3.4G（LTE）indicator   The light is usually off.
4.5G（NR）indicator   light on : 5G internet mode on(5G only)
    light off : 5G internet mode off
5.Signal value indicator   Red：poor
    Yellow：normal
    Green：good
6.Power button   press：Power on
    up-spring：power off
7.Adapter interface   connect the external power supply.
8.SIM card slot   Align with and insert the SIM card flatly to the slot.
9.Type-c interface   To download the software. Please do not use this port at will
10.Reset button   long press for 7 seconds to restore to factory settings.

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card at will to avoid damaging the SIM card

10.Cleaning & Maintenance

1.Before cleaning the device, please turn off the device and use an anti-static cloth to clean the device. Do not use chemical or abrasive cleaners, since these may damage the plastic shell
2.The operating temperature of the device is 0 ° C - 40 ° C
3.Avoid using the device during thunderstorms and remove the power adapter from the socket.

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11.LAN port   Able to connect to the Wide Area Network
12.WPS button: long press it to connect the wifi without encryption.

The device can be used for SA network mode(5G) for phillipines

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11.Description of the content status of harmful

substances in the product
1. Name and content of toxic and harmful substances or elements in the product

Part Name	Toxic, harmful substances or elements					
	Pb	Hg	Cd	Cr (VI)	PBB	PBDE
Body shell	O	O	O	O	O	O
Alloy components inside body	O	O	O	O	O	O
Cable and components	X	O	O	O	O	O

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8.Internet Related Problems

1.Possible problems
Unable to access to the internet
solution：
①Check your equipment Settings
②Wait 2 - 3 minutes until the device initialization is complete
③Check whether a valid SIM card is inserted
④Check the signal indicator.
low speed of network
solution：
①Check the strength of signal
②Check the network mode
Unable to access to the device management website
solution：
①Check the device label and use the correct IP address

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PCB	X	O	O	O	O	O
Power adapter	X	O	O	O	O	O
Antenna	O	O	O	O	O	O

The O: indicates that the content of the toxic and harmful substances in all homogeneous materials of the component is below the limit specified in the SJ/T11363-2006 standard.

The X: indicates that the content of the toxic and harmful substance in at least one homogeneous material of the component exceeds the limit specified in the SJ/T11363-2006 standard.

Note: the components of this product containing toxic substances or elements cannot be completely replaced by toxic and harmful substances or elements due to the global level of technological development, but toxic and harmful substances only occupy the extremely small content of this product. And in line with the National Electronic Information products pollution control measures long-term use will not harm the human body, please feel free to use.

Product implementation standard: YD/T2583.14-2013; YD/T2583.18-2019; GB4943.1-2011;

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②Set your computer's network configuration as "automatically obtain an IP address"
2.Other problems
1.If the signal indicator is off or red, it indicates that the signal is poorly received. Move the device to a nearby window or another open place
2.Incorrect password: After you change the password and forget the password, hold down the seven-second reset button to restore the device to factory Settings

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12.Warranty and Commitment

Dear Customer:
We promise to carry out a one-year quality guarantee for this product. The warranty card should be properly kept by the user. If lost, it will not be replaced. In case of failure of the product caused by non-human reasons, the user can go to the designated repair point for free within the warranty period with the warranty card and the purchase invoice marked with the product number.
If the warranty card does not match the serial number of the product, the warranty card has been altered, or the product is not within the scope of the free warranty but can be repaired, the company can provide paid maintenance services.

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9.Warning

1.Some electronic equipment may be vulnerable to electromagnetic interference, it should be far away from speakers, television and other electronic equipment when used.
2. It should be 20cm away from the equipment when used
3.Do not disassemble the device at will
4.Do not place the device in high temperature or outdoor sunshine environment.
5.The device is non waterproof. Please prevent the device from touching water. Do not soak or clean the device in water
6.Please do not give the power adapter to the child as a toy
7.Please place the equipment in an appropriate place to work
8.Do not place external objects on the top of the device to prevent heat dissipation caused by blocked ventilation holes
9.When the device is powered on, please do not insert or remove the SIM

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Warranty card

Information for Users filling in	
User Name	
Telephone	
User Address	
Date Of Purchase	
Model	
IMEI	

Warranty Records			
Date	Maintenance Content	Maintenance Signature	User Signature

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封面