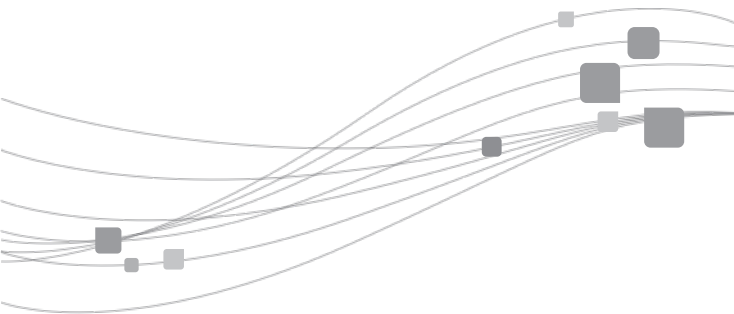


ZXHN H3601P

Home Gateway

User Manual



ZTE CORPORATION

ZXHN H3601P Home Gateway User Manual



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1 Safety Precautions

Note

Before using the device, read the following safety precautions. ZTE bears no liability to the consequences incurred by violation of the safety instructions.

Usage Cautions

- Read all the safety cautions carefully before using the device.
- Only use the accessories included in the package, such as power supply adapter.
- Do not extend the power cord, otherwise the device will not work.
- The power supply voltage must meet the requirements of the device input voltage (The voltage fluctuation range is less than 10%).
- Keep the power plug clean and dry to prevent any risk of electric shock or other dangers.
- Disconnect all the cables during a lightning storm to prevent the device from damage.
- Power off and unplug the power plug when the device is not in use for a long time.
- Do not attempt to open the covers of the device. It is dangerous to do so when the device is powered on.
- Power off and stop using the device under the conditions such as abnormal sound, smoke, and strange smell. Contact the service provider for maintenance if the device is faulty.

Environment Requirements

- Ensure proper ventilation to the device. Place the device away from direct sunlight.
- Keep the device ventilated and dry. Never spill any liquid on the device.
- Do not place any object on the device to prevent any deformation or damage to the device.
- Do not place the device near any source of heat or water.
- Keep the device away from any household appliances with strong magnetic or electric fields, such as microwave oven and refrigerator.

Cleaning Requirements

- Before cleaning, power off the device, and unplug all the cables connected to the device, such as power cable, optical fiber, and Ethernet cable.
- Do not use any liquid or spray to clean the device. Use a soft dry cloth.

Environment Protection

- Do not dispose the device or battery improperly.
- Observe the local regulations about the equipment disposal or treatment.

Restrictions in the 5 GHz Band

According to Article 10(10) of Directive 2014/53/EU, the packaging shows that this radio equipment will be subject to some restrictions when placed on the market in Belgium (BE), Bulgaria (BG), the Czech Republic (CZ), Denmark (DK), Germany (DE), Estonia (EE), Ireland (IE), Greece (EL), Spain (ES), France (FR), Croatia (HR), Italy (IT), Cyprus (CY), Latvia (LV), Lithuania (LT), Luxembourg (LU), Hungary (HU), Malta (MT), Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Slovenia (SI), Slovakia (SK), Finland (FI), Sweden (SE), Turkey (TR), Norway (NO), Switzerland (CH), Iceland (IS), and Liechtenstein (LI).

The WLAN function for this device is restricted to indoor use only when operating in the 5150 MHz to 5350 MHz frequency range.

RF Exposure Information

The Maximum Permissible Exposure (MPE) level is calculated based on a distance of $d=20$ cm between the device and the human body. To maintain compliance with the RF exposure requirement, a separation distance of 20 cm between the device and the human should be maintained.

EU Declaration of Conformity

Hereby, ZTE Corporation declares that the radio equipment type ZXHN H3601P is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following Internet address:

<http://support.zte.com.cn/support/cer/EU>

Environmental Information

The equipment you purchased has required the extraction and use of natural resources for its production. It may contain substances that are hazardous to people's health and to the environment. To avoid putting such substances into our environment and to reduce pressure on our natural resources, we ask that you reuse

or recycle your end-of-life equipment by using an accredited electronics take-back system.

The symbols below indicate that this product should be reused or recycled and not simply discarded. Please locate and use an appropriate reuse and recycling site.

If you need more information on collection, reuse and recycling systems, contact your local or regional waste administration. You may also contact your equipment provider for more information on the environmental performances of these products.



2 Package Check

Please ensure the ZXHN H3601P package contains the following items.

Name	Quantity
ZXHN H3601P	1
AC-DC power supply adapter	1
RJ-45 Ethernet cable	1
User Manual	1

The actual items included in the package are subject to the telecommunication operator. If any of the components is incorrect, or damaged, contact the product agency. If you want to change the product, keep the packing box and components.

3 Product Specifications

Table 3-1 Product Specifications

Technical Specifications

Dimension	182.5 mm (H) × 52 mm (D) × 124.5 mm (W)
Certification	CE and Wi-Fi Certification
Power adapter	Input: AC 100 V - 240 V, 50 Hz/60 Hz Output: DC 12.0 V, 1.0 A
Environment Requirements	
Operation temperature	0°C to 40 °C (32 °F to 104 °F)
Storage temperature	-40°C to 70°C (-40 °F to 158 °F)
Operation humidity/ Storage humidity	5% to 95% (non-condensing)
Wi-Fi Radio Specifications	
Radio Frequencies	Maximum Output Power
Wi-Fi 2.4 GHz band: 2400 MHz – 2483.5 MHz	EIRP: (19±1) dBm
Wi-Fi 5 GHz band: 5150 MHz – 5250 MHz	EIRP: (22±1) dBm
Wi-Fi 5 GHz band: 5250 MHz– 5350 MHz	EIRP: (22±1) dBm
Wi-Fi 5 GHz band: 5470 MHz– 5725 MHz	EIRP: (29±1) dBm

Note

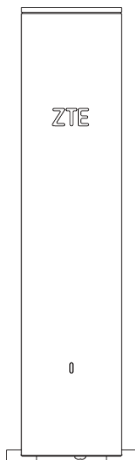
Please use the power adapter provided by the manufacturer.

4 Hardware Description

Front panel

Figure 4-1 shows the indicators on the front panel of the ZXHN H3601P.

Figure 4-1 The Front Panel



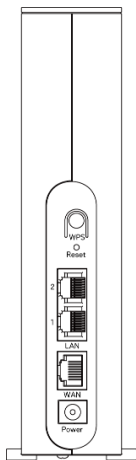
LED Color	Status	Description
-	Off	Options: <ul style="list-style-type: none"> ● The power supply is not connected. ● The power supply is faulty. ● The indicator is disabled by the software.
Red	Steady on	Options: <ul style="list-style-type: none"> ZXHN H3601P is being started. ZXHN H3601P is abnormal.
	Flashing	Options: <ul style="list-style-type: none"> ● Uplink connection failed. ● Configuration synchronization failed in extender mode.
Green	Steady on	The uplink connection is normal.

LED Color	Status	Description
	Flashing	WLAN terminal is in WPS accessing process.
Blue	Steady on	In extender mode, the wireless uplink signal is strong and the configuration is synchronized successfully.
	Flashing	In extender mode, the wireless uplink signal is weak.
Green+Red+Blue	Flashing	ZXHN H3601P is upgrading software.

Rear panel

Figure 4-2 shows the interfaces and buttons on the rear panel of the ZXHN H3601P

Figure 4-2 The Rear Panel

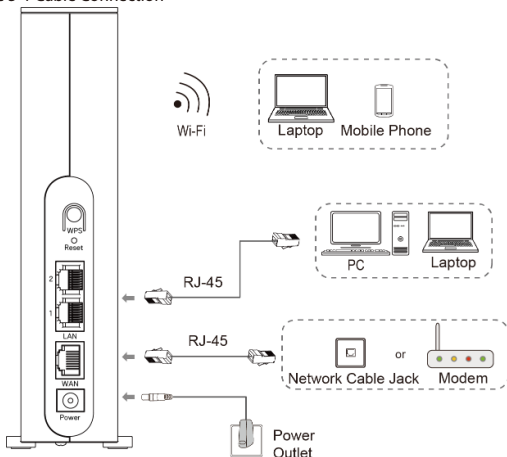


Interface/ Button	Function
WPS	WPS Push Button.
Reset	Reset pinhole: During power on period, hold on this button for more than 5 seconds to reset the current settings to the factory default.
LAN:1-2	RJ-45 port: Used to connect the modem to PCs, STBs or other network devices.
WAN	RJ-45 port: Used to connect to the uplink access network.
Power	Power supply socket: Used to connect to the power adapter.

5 Hardware Connection

Figure 5-1 shows the devices that are connected to interfaces of the ZXHN H3601P.

Figure 5-1 Cable Connection



Verify that the cable connections are correct, and press the on/off button. After the power indicator is lit and other indicators operate properly, services of the carrier can be used.

The factors affecting the wireless network coverage range include the location of the product, distance between the product and a wireless terminal, number of obstacles, obstacle material and density, and interference source. It is recommended that you place the product in accordance with the following principles to maximize the strength of wireless signals.

- The product should be far away from the objects affecting wireless signal propagation, for example, an object with a high reflectivity such as a metallic object or a mirror.
- The product should be far away from an electrical appliance with a strong magnetic or electric field, for example, a microwave oven, a refrigerator, a wireless router, a cordless phone, or a Bluetooth product.
- The product should be installed on the same floor as the applied area.
- Do not put other objects on the product. Try to reduce the number of obstacles between the product and a wireless terminal.
- Horizontally place the product in the middle of the applied area and do not put it in a corner.
- Do not place the product at a high position while it is placed horizontally. The recommended height is 1.2 to 1.5 meters.

6 Troubleshooting

The Power indicator on the front panel is off after the power button is pressed.

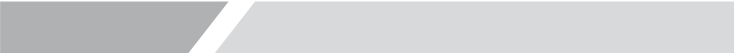
- Power switch does not turn on.
- The power adapter is not correctly connected to the device. Be sure to use the power adapter supplied with the device.

Unable to connect to the network.

- Check that the Ethernet cable is correctly connected to the WAN interface and the Ethernet cable is correctly connected to the LAN interface.
- Check that the WAN indicator on the front panel is on and the Internet indicator on the front panel is solid green or flashing green.

Restore the factory default settings.

After the power is on, use a needle to press the button for over 5 seconds to restore the default factory settings.



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