Chapter4 Interface

Figure 2 Interfaces and Buttons on the Back Panel



Table 2 Descriptions of the Interfaces and Buttons on the Back Panel

Interface/Button	Description
ONOFF	Power switch
POWER	12 V DC power connector
PON	PONisterface
BATTERY	Backup power supply interface
POTS1 - POTS2	RJ-11 telephone interface connected to the telephone with RJ-11 telephone cable.
LANT - LANK	RU-45 Ethernet interface
CATV	RF interface connected to TV set with a coaxiel cable

Figure 3 Interfaces and Buttons on the Side Panel



Table 3 Description of the Interfaces and Buttons on the Side Panel

Interface and Button	Description	
WLAN	Enable/disable WLAN functions.	
	Enable/disable the Wi-Fi protection. When the Wi-Fi protection is disabled, users can access the network without a password.	

Interface and Button	Description
RESET	Reset button When the power is on, press the button for over 5 seconds to restore the defoult factory settings
USB	USB 2.0 interface

Chapter5 Product Features

- Unlapted 5 Product Features

 Interface

 PURN remoter. CAPAT Service April 2019 April standards

 PURN remoter. CAPAT Service April 2019 Apri

- The ZXHN F668 device provides the following functions:

 Broadband service: Connected to Internet through GPON.
- Element device. Element devices are connected to the letered by connecting the Element interfaces of the 200 m 180 device.
 ₱ FTV vervice: Element interfaces connect to the set by 412 de protocols.
 ₱ FTV vervice: Element interfaces connect to the set by 412 de protocols.
 ₱ WLAN tervice: The windess devices are connected to the Element by connecting the ZONN FROS device through the WLAN.
 ₱ CATV vervice: Provices FT interface connects to TV pot with consolid colds.
 ₱ CATV vervice: Provices FT interface connects to TV pot with consolid colds.
 ₱ CATV vervice: Provices FT interface connects to TV pot with consolid colds.
 ₱ CATV vervice: Provices FT interface connects to TV pot with consolid colds.
 ₱ Southery: Provides mall-level administration to Uniform to convert to the USB storage.
 ₱ Southery: Provides mall-level administration to based on the device, user, and service.
 ₱ Cost TV provides QOS services meeting the requirements of various services for the local devices and relative. Ethernet service: Ethernet devices are connected to the Internet by connecting the Ethernet

- QoS: Provides QoS services meeting the requirements of versors devices and network.
 Network management. Provides multi-mode network management.

Chapter6 Technical Specification

Item	Specification
Dimension	40 mm × 220 mm × 180 mm (Height × Width × Depth)
Rated current	2A
Rated voltage	DC 12 V
Operation temperature	-5°C -45°C
Operation humidity	5% - 95%

Chapter7 Cable Connection

Figure 4 Entire Connection



After the devices are connected to the ZXHN F668, press the power button.

Chapter8 Troubleshooting

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

The power adapter is not correctly connected to the device. Be sure to use the power adapter supplied with the device.

The LOS indicator is flashing red or solid red after the device is powered on.

- ► The PON fiber connection is abnormal.
 ► The optical fiber is not correctly commenced to the ONT PON interface.
 ► The optical fiber is broken or damaged.
 ► If the indicator is solid red, please contact the service provider for maintenance.

■The ALARM indicator is red after the device is powered on. ■ There are physical faults. Restart the device. If the alarm indicator is still red, please contact the service consider for myllenance.

■ The PON indicator on the front panel is off after the device is powered on. > The GPON Ink is not established. > The ONT is not registered. > Please contact the service provider for help.

The LAN indicator on the front panel is off after the device is powered on.

- The corresponding LAN link is not established.
 The Ethernet cable is not correctly connected to the LAN interface.
 The network device connected to the LAN interface is not powered on.
- $\hfill \equiv$ The POTS indicator on the front panel is off after the device is powered on.

FCC Statement

If his oppriment has been feeted and Sound to comply with the limits for a Class B
agglid device, normant in part 15 of the FCC rules. These limits are designed to
agglid device, normant in part 15 of the FCC rules. These limits are designed to
agglid device, no constant with the state of the state of

to compare or perghenel devices.)

"IFCC Realization Seguous Statement
This equipment complies with PECO Per adulation exposure listings and from for an exposure listing and profit of the personal profit of

III Caution!
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

检验员 CHECKER ZTE+*

ZXHN F668 GPON ONT **User Manual**

ZTE中兴

ZTE中兴 中外通讯教育有限公司 ZTE COMPORATION NO.55, H-lech Road South, ShenZ Postode, 598027 Tel: (84) 755 26770801 URL: http://ensupport.zte.com.cn E-mail: support@de.com.cn

ZTE中兴 中兴通讯股份有限公司

ZXHN F668 GPON ONT **User Manual**

LEGAL INFORMATION

Copyright © 2013 ZTE CORPORATION.

All rights reserved.

No part of this publication may be excerpted, reproduced, translated or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without the prior written permission of ZTE Corporation.

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

Edition Time: 2013-08-07 (R1.0) Manual No. : SJ-20130807P00020-001

Legal Information

Limitation of Liability

Its shull not be labeled an any loss of priority or number f. epschal.

Its shull not be labeled an any loss of priority or number f. epschal

Jes shull not be labeled and any loss of priority or number of a ready

Jes shull not be consection with using of this propout, "whether or not

ZIT HAD BEEN ADVISED, KNEW OR SHOULD HAVE KNOWN OF THE

POSSIBILITY OF SUICH DAMAGES, RICLIUDIN, BUT NOT LIMITED TO, LOST

PROFITS, COST OF CAPTAL, COST OF SUBSTITUTE FACILITIES OR EQUIPMENT,

ANY DOWNTHIS COSTS OF CLAIMS OF SUBJECT AND LIMITED TO, LOST

PARTY UNDER THE AMERICANT, WHETHER ARBINDS OUT OF BRECASH OF

TOTH MINICIPAN BUT NOT IMBERT OF NEGLIGIBLES AND STRETL IMBUTTY

OR UNDER AN ROBEMINISACTION PROVISION SHALL IN NO EVENT EXCEED

THE ADDRESCHE AMOUNT BENIFTED BY ZET IN THE PRODUCTS FROM WHICH

SUCH LOSS OR DAMAGE DIRECTLY AROSE.

III Confidentiality
End User agrees that End User will receive confidential or proprietary information
(Confidential formation) in connection with the purchase and deplayment of ZTE
Equipment. End User will not decided ZTEs Confidential Information, will use it only for
purposes for which lives decideded, and must text with the same region of one as it does
to were within information. As will no less than teached large. End User agrees that the
terms bream, he Equipment and an ZTE conventedation sort. End User agrees that the

Chapter1 Safety Precautions

- 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 and battary.

- I offly use the accessories included on the package such as power supply adaptive and battery.
 De Once destined the governer could entirely the device will that sets.

 I This power supply violage must make the requirements of the device leg injury collage (The continge Musclamora range) is tast the text Vision for all selected schools or offleting for continger for the continger of the device in faulty.

 Motion:

- Notes:

 Notes:

 The user should read the usage cautions above carefully and will be responsible for any incident resulting from the violation of the above cautions.

- Economic Requirements

 Eliminary proper ventilation to the device about 50 ms above causes.

 Eliminary proper ventilation to the device. Place the device away from direct surlight.

 Eliminary proper ventilation to the device.

 Do not glade away elighted on the device is greyered damage to the device.

 Do not glade away eliminary and away of the device is proved damage to the device.

 Do not glade away from any sourced artifact or salari.

 Finding the device away from any foundard that or salari.

 Finding the device away from any foundard that gladences with salaring magnatic or electric flades source and environments.

= Cleaning Requirements

- Before cleaning, power off the device, and unplug all the cables connected to the device such
 as the 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 of the device or battery improperty.

Observe local regulations for equipment disposal or treatment.

Chapter2 Package Content

Item	Name	Quantity
	ZXHN F668 unit	One
*	Power adapter	One
0	RJ-45 Ethernet cable	One

One ZXHN F668 GPON ONT Maintenance Management Manual is delivered with the product.
If any of the items included in the package are incorrect, lost, or damaged, please contact your service provider. If you need to replace the product, please keep all packaging,

Chapter3 Indicator

Figure 1 Indicators of the ZXHN F668 Unit



Indicator	Status	Description
	01	No power
POWER	Solid green	Power on
	01	ONT registration fails or the deliver is not powered on.
PON	Solid green	ONT registration is successful.
	Bloshing green	ONT is being registered.
	Off	CINT received optical power is normal or the device is not powered on.
LOS	Solid red	The optical transmitter of the PON interface is powered off.
	Plashing red	ONT received optical power is lower than the optical sensitivity of the noceiver.
AI ADM	01	The device works rormally or the device is not powered on.
ALARON	Salid red	The device is not started or there are mechanical faults.

		Flashing red	CPVT software is being updated or downloaded.
	LANT - LANN	Of	The device is not powered on or the network link is not established.
		Solid green	The network link has been established but no data is being transmitted.
		Flashing green	Data is being transmitted.
		Of	The device is not powered on or the link is not established.
	POTS1 - POTS2	Solid green	The device has been registered to the soft switch, but there are no PGTS services.
		Planting green	POTS communication service is being provided.
	CATVOF		The device is powered off or CATV interface is disabled.
	CATVOF	Solid green	The CATV interface is started.
		Of	The battery is not in place or expired.
	BATTERY	Solid green	The battery is in place and in good condition.
		Flashing green	The battery is in place but in abnormal status such as low voltage.
	WLAN OF		The device is not powered on or the wireless interface is disabled.
		Solid green	The windows interface is enabled.
		Planting green	Data is being transmitted.
	WPS Solid	yellow	Negotiation is being made.
		Solid green	Negotiation is successful.
		Solid red	Session overlapping detection or negotiation failed.
	USB O#		The device is not powered on or the USB interface is not connected.
		Solid green	The USB interface is connected to the USB storage device, or connected to the printing device, but no data is being transmitted.
		Flashing green	Data is being transmitted.

Indicator Status

Indicator	Status	Description
INTERNET	Plashing green	Date is being transmitted via the WWN connection to Internet.