

5G ODU



V 1.0.0



Xiamen Four-Faith Communication Technology Co., Ltd. https://www.fourfaith.com

Revision History

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Trademark Statement

Four-Faith, 四信, ^{miner}, ^{min}

Product Applicability Statement

This user manual explains how to configure the following devices:

• FNB600

FCC Statement:

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.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, 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.

Federal Communication Commission (FCC) Radiation Exposure Statement When using the product, maintain a distance of 20cm from the body to ensure compliance with RF exposure requirements.

CE Warning:

1. The product shall only be connected to a USB interface of version USB2.0 or higher.

2. Adapter shall be installed near the equipment and shall be easily accessible.

3. Supply by specified adapter the operating temperature of the device.can't exceed 40° C and shouldn't be lower than -10°C. Supply by other power supply the operating temperature of the device.can't exceed 60° C and shouldn't be lower than -20°C.

4. The plug considered as disconnect device of adapter.

5. The device complies with RF specifications when the device used at 20cm from the body.

Hereby, Xiamen Four-Faith Communication Technology Co.,Ltd declares that this product is in compliance with essential requirements and other relevant provisions of Directive 2014/53/EU. This product is allowed to be used in all EU member states.

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Chapter 1 Product Introduction

1.1 Product Overview

The FNB600 is a high-performance 5G outdoor unit (ODU) that supports NR (SA&NSA), TDD-LTE, and FDD-LTE. It can convert cellular network data into wired Ethernet data. Equipped with a high-speed 2.5G LAN interface, it supports PoE power supply, a metal heat dissipation base, and an IP68 waterproof shell. It is suitable for outdoor harsh environments where fast deployment of Fixed Wireless Access (FWA) is needed.



1.2 Product Features

- Supports a standard DC power supply port, which allows direct DC power supply deployment in situations where PoE is inconvenient to use.
- Equipped with a metal heat dissipation base, it efficiently dissipates internal heat, ensuring 24/7 high-speed and stable operation.
- Supports PoE input.
- It supports dual SIM cards, with one serving as the primary and the other as a backup.
- It boasts a high protection level of up to IP68.
- Supports various installation methods such as pole mounting and wall mounting.
- Customized high-gain antennas are available to enhance signal reception capabilities.

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- It operates on a commercial router operating system.
- It includes features like frequency locking, cell locking, bridge mode, TR069, DDNS, firewall, QoS, and traffic statistics.

1.3 Product Appearance Overview



Indicator	Name	Definition Explanation
Light		
\bigcirc	Power Indicator Light	Power Indicator Light1. Blue Steady on: Indicates normal power supply.2. Off: Indicates abnormal power supply.
	LAN	 LAN Indicator Light If it is blinking blue, it indicates that the wired network connection is normal. If it is not lit, it indicates a wired network abnormality.
(((•	WiFi	 WiFi Signal Indicator Light Blue Steady on: Indicates WiFi is enabled. Off: Indicates WiFi is disabled.
4G/5G	Cellular Network	 Connected to Cellular Network Solid blue indicates a connection to the 5G network. Solid yellow indicates a connection to the 3G/4G network.



1.4 Product Specifications

FNB600				
Wireless Parar	neters			
Frequency Bands and MIMO	SG NR NSA & SA: n1/n2/n3/n5/n7/n8/n12/n14/n20/n25/n28/n30/n38/n40/n41/n48/n66/n71/n77/n78/n7 9 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B20/B25/B26/B28/B29/B30/B32/B66/B71 LTE-TDD: B38/B40/B41/B42/B43/B48 LAA: B46 WCDMA: B1/B2/B4/B5/B8 SG NR: DL 4 ×4 MIMO: n1/n2/n3/n7/n25/n30/n38/n40/n41/n48/n66/n77/n78/n79 UL 2 ×2 MIMO: n41/n77/n78/n79 LTE: DL 4 ×4 MIMO: B1/B2/B3/B4/B7/B25/B30/B32/B38/B40/B41/B42/B43/B48/B66 Note: Supported frequency bands may vary depending on the selected regional version.			
Theoretical Maximum Speed	5G Sub-6 SA: Downlink Speed: 4.67 Gbps, Uplink Speed: 1.25 Gbps 5G Sub-6 NSA: Downlink Speed: 4.47 Gbps, Uplink Speed: 730 Mbps LTE: Downlink Speed: 1.6 Gbps, Uplink Speed: 211 Mbps			

Hardware Para	lardware Parameters	
CPU	Cortex-A55@2.0GHz, Quad-core	
DDR3	1GB(8Gbit)	
FLASH	1GB(8Gbit)	



WIFI Parameters				
WIFI Protocol	IEEE802.11 a/b/g/n			
Frequency Band	2.4GHz(only for Configuration)			
Power Supply				
Standard Power Supply	POE: 802.3af / DC: 12V 1.5A			
Interface Parar	neters			
Ethernet Interface LAN	1 x 2.5G Ethernet port (RJ45),, adaptive MDI/MDIX			
Indicator Lights	Power, Internet, WIFI, 5G/4G, Signal			
SIM Card	2xNano-SIM(One main and one backup)			
USB	Туре С 2.0			
Reset Button	Can restore parameter configuration to factory settings.			
Physical Chara	cteristics			
Enclosure	ABS material, Metal base, IP68* device protection level. During testing, without inserting Ethernet and power cables, loosening the Ethernet cable may affect the waterproof effect			
Dimensions	150x100x240mm			
Weight	<= 1kg			
Working temperature	-20~+60°C			
Storage Temperature	-40~+85°C			
Relative Humidity	95% (non-condensing)			



1.5 Interface Figure



Interface	Name	Definition Explanation
DC Port	POE Interface	POE: 802.3af / DC: 12V 1.5A
LAN Port	LAN	1 x 2.5G Ethernet port (RJ45),, adaptive MDI/MDIX
SIM Card	Nano-SIM Card Slot	Install Nano-SIM Card
USB Interface	Type-C Interface	The Type-C interface is for development personnel debugging only.



Chapter 2 Install Internet

Configuration

2.1 Configure SIM card for Internet Access

2.1.1 Configure SIM card for Internet Access(POE Supply)

Step 1: Unscrew the two screws on the device cover and remove the cover.



Step 2: Insert the SIM card according to the direction indicated by the SIM card slot (the left side of the slot is for the secondary card, and the right side is for the main card).



Step 3: Screw the device cover back on.



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Step 4: Follow the steps from left to right in the picture to thread the Ethernet cable into the waterproof connector. Tighten the waterproof connector, insert it into the device LAN port, and securely fasten the waterproof connector to the device. Note: It is recommended to use a wrench to tighten; failure to tighten properly may affect the waterproof performance.



Step 5: Insert the Ethernet cable into the POE adapter's POE port, power on the adapter, and it will start automatically. Plug another Ethernet cable into the LAN port of the POE adapter and connect it to the IDU to provide wired connectivity for other network devices.



2.1.2 Configure SIM card for Internet Access(DC Supply)

Refer to steps 1 to 3 in the "Configure SIM card for Internet Access(POE Supply)" for the SIM card installation process.

Step 4: Follow the steps from left to right in the picture to sequentially insert the DC power cord into the waterproof connector, tighten the waterproof connector, plug it into the device's DC port, tighten the waterproof connector to the device, and power on the device. Note: If the DC power cord is too thin, it is recommended to wrap several turns of waterproof tape outside the coil to enhance waterproof performance.



Step 5: The installation method for the Ethernet cable is the same as the step 4 in "Configure SIM card for Internet Access(POE Supply)"

Step 6: Connect the Ethernet cable to the IDU to provide wired or wireless network access for

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other network devices.



2.2 Mobile Network for Internet Access

Step 1: After inserting the SIM card and powering on the device, open a browser and manually enter: 192.168.1.1. The initial login credentials are: admin (username) and admin (password). Then, select "Network Settings" > "Mobile Network" > "Mobile Network Settings," and enable "Networking Mode" and "Supports 5G Networks."

🗠 Home		Mobile Network Set	tings Advanced Settings
යි WLAN Settings	\sim	This device supports 5G net	work auto-selection. Enable it for a better Internet experience.
Network Settings	^	Networking Mode	
Mobile Network		Supports 5G networks	
Ethernet		Networking Mode	SA/NSA 🗸
Dual SIM			SAVE
🗏 Device List			
⊚ Toolbox	\sim		
ର୍ଲ System	~		

Select "Networking Mode", then click "Save"

~

Step 2: Select Network Settings – Mobile Network – Advanced Settings, then enable "Auto configuration by SIM".





Nome		
R WI AN Settings	Mobile Network Setting	gs Advanc <u>ed S</u> ettings
WLAN Settings	You can make more settings for	mobile network application scenarios to adapt to various network needs.
Network Settings	Dial Settings	the same for the others usual during mode to get up a connection to the estimate behavior between usual
Mobile Network	carrier's cellular network and th	e public Internet.
Ethernet	Auto configuration by SIM	
Dual SIM	ІР Туре	IPv4/IPv6
Device List	RAT Type	NR 5GILTE/WCDMA
OT IL	SIM2 Dial Settings	
Ioolbox V	Auto configuration by SIM	
🖓 System 🗸 🗸	IP Type	Pv4/IPv6 V
	RAT Type	NR 5G/LTE/WCDMA
	Lock Network Settin	igs
	The lock network settings will o select another frequency band a	nly use the frequency bands registration that you have locked, and the terminal will not automaticall and make the network service unavailable.
	NR Bands	V 1 V 3 V 5 V 7 V 8 V 20
		🗸 28 🗸 38 🗸 40 🗸 41 🗸 71 🗸 77
		78 🗹 79
	LTE Bands	🗸 1 🗸 3 🖌 5 🗸 7 🗸 8 🗸 20
	WCDMA Bands	
		ORVE
Select IP Type		
IP Туре	IPv4/IPv6	~
	IPv4/IPv6	
RAT Type	IPv4 IPv6	
Select RAT Type		
RAT Type	NR 5G/LTE/WCD	MA V
	WCDMA	
SIM2 Dial Settings	LTE LTE/WCDMA	
Auto configuration by SIM	NR 5G	
Auto configuration by silvi	NR 5G/LTE/WCD	DMA
SIM2 dial-up settings are	e the same	
Sime and ap settings are		
SIM2 Dial Settings		

Auto configuration by SIM		
IP Type	IPv4/IPv6	~
RAT Type	NR 5G/LTE/WCDMA	~

Click "Save"

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Step 3: Select the "Home" page of the Configuration page, and check the "Network Status"

2.3 Dual SIM Card Settings

The WEB configuration page allows you to set the priority between two SIM Cards, with "SIM1 First" being the default priority (i.e., SIM card network). Select "Network Settings" - "Dual SIM" - "Dual SIM"



SIM1 First: The device will prioritize using the SIM1 network. When the SIM1 network is unavailable or unstable, it will automatically switch to using the SIM2 connection.
SIM2 First: The device will prioritize using the SIM2 network. When the SIM2 network is unavailable or unstable, it will automatically switch to using the SIM1 connection.
Only SIM1: Using SIM1 only

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Only SIM2: Using SIM2 only

Dual SIM Mode

SIM1 First	~
SIM1 First	
SIM2 First	
Only SIM1	
Only SIM2	



Chapter 3 Configuration of Related

Features

3.1 WLAN Configuration

The WLAN settings are divided into basic settings and advanced settings. Basic settings allow you to configure the SSID, security mode, password, connection limit, broadcast hiding. Select "WLAN Settings" - "Basic Setting" - "WLAN Settings", then Enable it.

5G-0	DU			All 🛜 English 🔻 🕒 🍪
➢ Home ℬ WLAN Settings Basic Setting	5	WLAN Settings Wireless general settings. 2.4GHz		
Advanced Sett	ings	SSID	FourFaith Odu 2 4G 8678	
Overwork Setting	ngs 🗸	Security Mode	WPA/WPA2-PSK V	
目 Device List		Password		
() Toolbox	~	Maximum access number	64	
🖓 System	~	Hide SSID		
			SAVE	

Input SSID, Password, Maximum access number. For Security Mode, there are "OPEN", "WPA2-PSK"and "WPA/WPA2-PSK"Mode.

Security Mode	WPA/WPA2-PSK	~
Password	OPEN WPA2-PSK WPA/WPA2-PSK	

Advanced settings pertain to configuring channels, protocols, bandwidth, Area Code and Signal Mode. Select "WLAN Settings" - "Advanced Settings" - "Advanced Settings".

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Home	js A	Advanced Settings	nalized wireless settings to adapt to a vari	ety of network environments.
Advanced Set	tings	2.4GHz Area Code	CN (China)	~
	ngs 🗸	Channel 802.11 Protocol	Channel 0 (Auto) 11b/g/n	~
Device List		Channel BandWidth	40 MHz	~
© Toolbox	\sim	Signal Mode	Through Walls	~
😞 System	~		For best WLAN coverage	

In the WI-FI advanced Settings page, you can find the option for Area code, allowing you to make more detailed wireless network settings.

Area Code	CN (China)	~
	US (United States)	
Channel	JP (Japan)	
Chamber	FR (France)	
	TW (Taiwan, China)	
802.11 Protocol	IE (Ireland)	
	HK (Hong Kong, China)	
	CN (China)	
Channel BandWidth	40 IVITIZ	~

In the WI-FI Advanced Settings page, you will find the channel options, providing you with the ability to customize and optimize your wireless network settings further.

Channel	Channel 0 (Auto)	~
	Channel 0 (Auto)	
802.11 Protocol	Channel 1 (2412 GHz)	
	Channel 2 (2417 GHz)	
	Channel 3 (2422 GHz)	- 1
Channel BandWidth	Channel 4 (2427 GHz)	
	Channel 5 (2432 GHz)	- 1
Simul Made	Channel 6 (2437 GHz)	- 1
signal wode	Channel 7 (2442 GHz)	1
	Channel 8 (2447 GHz)	- 1
	Channel 9 (2452 GHz)	- 1
	Channel 10 (2457 GHz)	
	Channel 11 (2462 GHz)	
	Channel 12 (2467 GHz)	- 1
	Channel 13 (2472 GHz)	

In the WI-FI Advanced Settings page, you can explore the 802.11 protocol options, allowing you to fine-tune and tailor your wireless network settings according to your specific requirements.

802.11 Protocol	11b/g/n	~
Channel BandWidth	11b 11g 11b/g/n	

For Channel BandWidth, users can choose 40MHz or 20MHz.





1

Channel BandWidth	40 MHz	~
	20 MHz	
Signal Mode	40 MHz	

In the WI-FI Advanced Settings page, you'll discover signal mode options that empower you to customize and optimize your wireless network settings, ensuring seamless connectivity tailored to your preferences. Signal Mode includes "Sleep", "Standard" and "Through Walls" Mode.

Signal Mode	Through Walls	~
	Sleep	
	Standard	
	Through Walls	
	SAVE	

3.2 Lock Network Settings

Select "Network Settings" - "Mobile Network" - "Advanced Settings". The Mobile Network Settings Page offers a comprehensive array of options, including the valuable addition of 'Lock Network Settings.' This feature provides users with enhanced control over their mobile network preferences, allowing them to secure and customize settings according to their specific requirements. The Lock Network Settings feature ensures that the device registers only on the user-locked frequency bands. The terminal will not automatically choose other frequency bands, preventing potential network service disruptions.

		Mobile Network Settin	as Advanced Settings	
🖹 WLAN Settin	gs 🗸	You can make more settings for	r mobile network application scenarios to adapt to various network needs.	
🕽 Network Sett	ings へ	Dial Settings		
Mobile Netw	ork	The Access Point Name (APN) is carrier's cellular network and th	s the name for the settings your device reads to set up a connection to the g ne public Internet.	ateway between y
Ethernet		Auto configuration by SIM		
Dual SIM		IP Type	IPv4/IPv6	
E Davica List		RAT Type	NR 5G/LTE/WCDMA	
Toolbox	~	SIM2 Dial Settings Auto configuration by SIM		
🗟 System	~	IP Type	□Pv4/1Pv6 ∨	
		RAT Type	NR 5G/LTE/WCDMA	
		Lock Network Settin The lock network settings will o select another frequency band	ngs only use the frequency bands registration that you have locked, and the termi and make the network service unavailable.	nal will not autom
		NR Bands	X 1 X 3 X 5 X 7 X 8 X 20	
			🗸 28 🗸 38 🗸 40 🗸 41 🗸 71 🟹 77 🗸 78 🗸 79	
		LTE Bands	✓ 28 ✓ 38 ✓ 40 ✓ 41 ✓ 71 ✓ 77 ✓ 78 ✓ 79 ✓ 1 ✓ 3 ✓ 5 ✓ 7 ✓ 8 ✓ 20	
		LTE Bands	✓ 28 ✓ 38 ✓ 40 ✓ 41 ✓ 71 ✓ 77 ✓ 78 ✓ 79 ✓ 8 ✓ 20 ✓ 1 ✓ 3 ✓ 5 ✓ 7 ✓ 8 ✓ 20 ✓ 28 ✓ 32 ✓ 38 ✓ 40 ✓ 41 ✓ 42	
		LTE Bands	28 38 40 41 71 77 78 79 1 3 5 7 8 20 28 32 38 40 41 41 42 43 71 71 7 43 71	
		LTE Bands WCDMA Bands	✓ 28 ✓ 38 ✓ 40 ✓ 41 ✓ 71 ✓ 77 ✓ 78 ✓ 79 ✓ 78 ✓ 20 ✓ 1 ✓ 3 ✓ 5 ✓ 7 ✓ 8 ✓ 20 ✓ 28 ✓ 32 ✓ 38 ✓ 40 ✓ 41 ✓ 42 ✓ 43 ✓ 71 ✓ 5 ✓ 8	



3.3 Ethernet Configuration

Connect one end of the Ethernet cable to the LAN port of the ODU device and the other end to the IDU device or CPE device, providing wired and wireless network access for these devices. Then, select "Network Settings" - "Ethernet" - "Ethernet".

Ethernet Configuration involves setting up the LAN IP address, activating the DHCP Server, enabling Assign IPv6 address, and specifying the DHCP start and end IP addresses. This ensures efficient management and allocation of IP addresses within the network, facilitating seamless connectivity and communication among devices.

🔁 Home		Ethernet		
A WLAN Settings	~	You can configure LAN her	re	
Overwork Setting	gs へ	LAN IP address	192.168.1.1	
Mobile Network	ĸ	IPv4 netmask	255.255.255.0	•
Ethernet		DHCP Server		
Dual SIM		Assign ipv6 address		
		DHCP Start IP	192.168.1. 100	
E Device List		DHCP End IP	192.168.1. 250	
loolbox	\sim		SAVE	
R System	\sim			

Ethernet Configuration encompasses the IPv4 netmask option, allowing users to define and customize the subnet mask for their network. This feature provides flexibility in tailoring the network layout and optimizing IP address allocation, contributing to a well-organized and efficient networking environment.

IPv4 netmask	255.255.255.0
	unspecified
DHCP Server	255.255.255.0
	255.255.0.0
Assign ipv6 address	255.0.0.0
	custom
DLLCD Chart ID	102 169 1 400

3.4 Device List

Device List shows connected devices.



3.5 Traffic Usage Monitoring Configuration

Traffic Usage Monitoring is only applicable to mobile networks. The traffic usage monitoring page displays the total data usage for the current day and month. It also allows you to set up actions for exceeding data package limits and data flow restrictions.

🔁 Home	Traffic Statistics	Statistics Reports		
🖹 WLAN Settings 🛛 🗸	Volume statistics provided	d here are approximate. Fo	r accurate statistics and details of char	ges refer to your bills.
Over the setting the set of the set	SIM: SIM1 V			
🗖 Dovico List	Traffic package	Used today	Monthly data usage	
	0MB/Month	MB	MB	SETUP
Toolbox ^				CLEAR STATISTICS
Traffic Statistics				
Parental Control				
QOS Settings				
SIM Card Option				
SIM: SIM1 V				
SIM2 ge				

To enable data usage exceeded alerts or automatic mobile data disconnection, follow these steps.

Step 1: Configuring Data Usage

Exceeded Data Usage Actions:

None: When data usage exceeds the set data package limit, a data usage icon will appear in the status bar as a reminder, but the mobile network will not be disconnected, and you can continue to use it.

Disconnect: When data usage exceeds the set data package limit, a data usage icon will appear in the status bar as a reminder, and the mobile network will automatically disconnect, rendering it unusable.

Data Package Type: Choose to restrict usage based on daily or monthly data limits. Data Package Size: Perform the corresponding action when the set limit is reached. Set to 0 to have no limit.

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Restart Mobile Network: Check this option and save to enable automatic redialing of the mobile network.

Traffic Statistics	Statistics Reports		
Traffic Settings			to you
Overflow operation	NONE	~	
Traffic packet type	Monthly Traffic Packet	~	
Traffic packet unit	МВ	~	CL
Traffic packet size	0		
Restart mobile network			
	CANCEL	SAVE	

Step 2: Restoring Mobile Network After Data Exceedance

After data usage exceeds the limit and the mobile network disconnects, you will need to manually enable mobile data. On the home screen, click on "Enable Mobile Data." This will display a data usage exceeded notification page. Click on "Reset" to be redirected to the data usage statistics page, where you can reconfigure the data package size. Check the option to enable mobile data and save (if unchecked, after setting the data package size, you will need to manually click "Enable Mobile Data" on the home screen). The mobile network will automatically reconnect and restore connectivity after dialing.





Four	°-Faith		5G ODU FNB600 User N	Manual
	Traffic Statistics	Statistics Reports		
	Traffic Settings			
	Overflow operation	Disconnect	~	
	Traffic packet type	Monthly Traffic Packet	~	
	Traffic packet unit	MB	~	
	Traffic packet size	500		
	Restart mobile network			
		CANCEL	SAVE	

3.6 Statistics Reports

Select "Toolbox" - "Traffic Statistics" - "Statistics Reports".

The statistical reports summarize the monthly traffic usage of the ODU, presenting a graphical representation of the daily traffic usage throughout the month. This feature offers a comprehensive overview of the ODU's data consumption patterns, aiding users in analyzing and understanding the network traffic dynamics on a day-to-day basis. User can choose specific month and specific SIM card by themself.

The traffic statistics are provided for reference only, and the actual data usage is subject to the user's billing statement and plan limits.

	Traffic Statistics Statistics Reports
🖀 WLAN Settings 🛛 🗸	Volume statistics provided here are approximate. For accurate statistics and details of charges refer to your bills.
	Time: 2023-04 V SIM: SIM1 V
E Device List	Day Traffic
© Toolbox ∧	1
Traffic Statistics	0.8
Parental Control	0.6
QOS Settings	0.4
PIN Management	0.2
SMS Management	0
유 System 🗸 🗸	
nth Option:	



3.7 Parental Control

The parental control feature allows you to set the internet access time for family members, promoting healthy online habits, especially for minors.

🗠 Home	Parental Control			
🖹 WLAN Settings 🛛 🗸	Parental Control allows you to minors).	o manage time limits for family members, ensuring	a safe Internet environment for your f	family (especially
\oplus Network Settings $ \smallsetminus $	Nama	Fachid internet time	Faabla	
Device List	Name	This section contains no value	Enable	T.
© Toolbox ∧		This section contains to value		
Traffic Statistics		SAVE	ESET	
Parental Control				
QOS Settings				
PIN Management				
SMS Management				
😞 System 🛛 🗸				

The configuration for child internet protection includes setting a name, selecting the Source MAC address, and defining the times for enabling and disabling the protection.

Parental Control	
Unnamed rule	17
Name	Unnamed rule
Source MAC address	add MAC •
Week Days	Sunday Monday Tuesday Wednesday
Start Time (hh.mm.ss)	
Stop Time (hh.mm.ss)	
	CANCEL SAVE



3.8 **QOS Configuration**

Select "Toolbox" – "QOS Settings" – "Basic Setting". Users can select different QoS bandwidth rule settings for Mobile Network. They are "Priority", "Express", "Normal", "Bulk".

🗄 WLAN Settings 🛛 🗸	OoS bandwidth	pla cettings		
🖲 Network Settings 🗸	Target	MAX BandWidth Radio	Mobile BandWidth	Mobile BandWidth Value
Device List	Priority	100%	Uplink:kbps Downlink:kbps	Uplink:kbps Downlink:kbps
Toolbox	Express	75%	Up <mark>li</mark> nk:kbps Downlink:kbps	Upilnk:kbps Downlink:kbps
Traffic Statistics	Normal	50%	Uplink:kbps Downlink:kbps	Uplink:kbps Downlink:kbps
Parental Control	Bulk	10%	Uplink:kbps Downlink:kbps	Upilnk:kbps Downlink:kbps
QOS Settings		-	SETUP	
PIN Management	2			
SMS Management				

The QoS (Quality of Service) function allows you to limit the bandwidth for mobile networks connections. When the bandwidth policy is enabled and no settings are configured in the advanced settings, the default bandwidth limitation policy for connected terminal devices is set to "Normal.

Users can click "SETUP", and enable "Mobile network". Users can customize ratio for these four different bandwidth rules(Priority, Express, Normal, Bulk).

Basic Setting Ad	vance semino	15		
QoS bandwidth rule settings				
Mobile network				
Enable				
Rule bandwidth ratio	setting			
Priority(%)	100			
Express(%)	75			
Normal(%)	50			
Bulk(%)	10			
		CANCEL	SAVE	
		CANCLE	SAVE	

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Select "Toolbox"- "QoS Settings"- "Advanced Settings". QoS Advance Settings allows users to finely tune the QoS by configuring MAC or IP QoS settings. This feature enables users to prioritize specific devices or IP addresses, ensuring a more optimized and efficient network experience based on users' preferences.

	🔁 Home	Basic Setting Advance S	Settings	
l	🗟 WLAN Settings 🛛 🗸	Set the MAC or IP QOS		
l	\oplus Network Settings \checkmark	Туре	Target	+
l	E Device List		This section contains no values yet	
l	© Toolbox ∧		SAVE RESET	
l	Traffic Statistics			
l	Parental Control			
l	QOS Settings			
l	PIN Management			
	SMS Management			
	😞 System 🗸 🗸			
I.				

Users can choose Target bandwidth rule, QoS type and configuring IP by themselves.

Basic Setting Ad	vance Setting	IS.	
Target	Normal		~
QOS Type	IP QOS		~
IP	10.1.2.3		
		CANCEL	SAVE

Target bandwidth rule option includes "Priority", "Express", "Normal", "Bulk".

Target	Normal 🗸	ſ
QOS Type	Priority Express Normal	
IP Oos Turpo includes "IP Oos"	Bulk 10.1.2.3	7
QOS Type includes in QOS a		

QOS Type	IP QOS
	IP QOS
IP	MAC QOS



3.9 PIN Management

Select "Toolbox" – "PIN Management" – "PIN Management". The ODU Configuration page encompasses comprehensive PIN management, providing you with the ability to securely manage and customize personal identification numbers (PINs). This feature adds an extra layer of protection and control over access to your ODU device, ensuring the security of your network infrastructure.

Users can select SIM Card, check PIN status, enable or disable PIN management, input PIN code.

⊡ Home		
	PIN Management	
🗟 WLAN Settings 🛛 🗸	SIM	SIM1 ~
\oplus Network Settings \checkmark	Status	Ready, PIN Lock Disabled
E Device List	PIN Management	Enable V
© Toolbox ∧	PIN Code	<u>۲</u> ۳۲
Traffic Statistics	Remaining Attempts	3
Parental Control		SAVE & APPLY
QOS Settings		
PIN Management		
SMS Management		
🤤 System 🗸 🗸		

3.10 SMS Management

Select "Toolbox" - "SMS Management" - "SMS Management". Users can click "NEW SMS".

Four-Faith				5g odu fnb60	0 User Manual
Nome	SMS Management	Г			
🛎 WLAN Settings 🛛 🗸	NEW SMS	DELETE			
\oplus Network Settings $ \sim $		Recv/Send	Number	Content	Time
Device List					
Toolbox ^					
Traffic Statistics					
Parental Control					
QOS Settings					
PIN Management					
SMS Management					
😞 System 🗸 🗸					

Users input number and content, then send SMS.

Send SMS		
Number		
Content		
	CANCEL	END
	0,41012	