DIN-rail 4G router ZLAN9809M





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			Mode

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1.0verview

ZLAN9809M industrial-grade 4G router is a high-performance communication product developed by ZLAN for 4G network needs. It integrates multiple technologies such as routing, switching, 4G, WLAN and encryption, and can meet the diverse needs of industry users in data transmission. This device can realize multiple functions such as RJ45 to RJ45/ WIFI, WIFI to RJ45/WIFI and 4G to RJ45/WIFI, providing users with flexible network connection methods. 9809M also supports WEB configuration, making network management more convenient and efficient.

In terms of hardware, ZLAN9809M is equipped with a high-performance 32-bit processor, which can quickly process various network protocols and large amounts of data. In addition, it is equipped with multiple interfaces, including 4 10/100M LAN ports, 1 WAN port, WIFI interface and 4G interface, making it easy to connect to various terminal devices.



picture19809MAppearance

ZLAN9809M can be applied to:

In an environment where IP address resources are limited, establish an internal subnet;

Convert the network-port PLC to WIFI to access the existing network and achieve seamless connection; Using its

WIFI relay/bridging function, the WIFI communication range can be further expanded;

When the WLAN port is disconnected, ZLAN9809M can quickly switch to the 4G network;



1.1 Appearance

picture2 ZLAN9809MAppearance

1.2 Product Interface

1.9809M has 4 LAN ports, 2 on the left and 2 on the right, and a WAN port next to the power supply. When in use, just plug the network cable into the corresponding network port as needed.

2. Antenna installation: The antenna interface of this device adopts 50Ω /SMA (female connector). Use an antenna suitable for the 4G working band. The WIFI antenna can use a rubber stick antenna or a suction cup antenna. The 4G antenna is on the front panel and generally uses a suction cup antenna.

3. There is a SIM card slot next to the panel light. SIM card installation, this device uses the full network 4G network, You need to purchase a SIM card from any of the carriers. When installing the SIM card, make sure the device is not powered on. This device uses an embedded SIM card holder. When using it, push the SIM card inward with the chip facing downward. To remove it, push it inward again and the SIM card will pop out automatically.

1.3 Panel Light Introduction

POWER	SYS	e 4G	POWER	SYS	4G
) WiFi	LAN2	LAN4	WIFI	LAN2	LAN4
WANLANI	LANS	LAN5	WAN/LAN1	LAN3	LAN5

The panel lights of 9809M are shown in the figure:

picture3Panel Light

The specific meanings of the indicator lights are shown in the figure below:

name	color	illustrate
WAN/LAN1	green	WAN port indicator light, on means the WAN port is connected
WIFI	green	WiFi indicator light, on/flashing means WiFi is working properly
POWER	red	Power indicator light, the device will light up when powered on
LAN	green	The four LAN port indicator lights correspond to the four LAN ports. If they are on, it means the corresponding LAN port is on.
		connected
SYS Light	green	4G power-on indicator light, when on, it means the 4G module is powered on
4G Light	blue	The light is always on when dialing is in progress, and flashing when dialing is successful.
reset button	Button	After the device is started: press for 1 second and release, the device will restart after 5 seconds; press
		Release it within 5 seconds, the device will restart after 5 seconds and reset to factory settings

surface1Indicator light parameters

2. Technical Parameters

Main parameters of the product						
parameter name	parameter	Remark				
Support Mode	4G CAT1support3Modes:					
	B1/B3/B5/B8@FDD LTE					
	B34/B38/B39/B40/B41@TDD-LTE					
	B3/B8@GSM					
	Including Unicom4G,2G,move4G,2Gand telecommunications4Gnetwork.					
Transmission rate	LTE:Max 10Mbps(Downward)/Max 5 Mbps(Up)					
	GPRS:85.6Kbps(Downward)/Max85.6Kbps(Up)					

SIMCard	Voltage:3V,1.8V; Size: Medium Card	
Antenna interface	50Ω/SMAGlue stick antenna or suction cup antenna optional	
Power interface	Power supply input via terminal block.	
Input voltage	DC9V~24V	
interface	LANmouth*4,WANmouth*1,SIM*1,4Gantenna*1,Wi-Fiantenna * 1	
basic skills	Network port to network port/WIFI,WIFITransfer network port/WIFI,4GTransfer network port/WIFI	
Advanced Features	Firewall, static routing, log service, channel analysis,DHCP/DNS, Network diagnostics, hostname mapping	
Product Size	37.6(L)x 83.6(W)x 89.2(H)mm	
Configuration	WEBWeb page configuration (default192.168.8.1)	
Operating temperature	- 40Degree~85Spend	
Storage temperature	- 40Degree~120Spend	
Humidity range	0~95%Non-condensing	

3.Instructions for use

(This description takes the win10 system as an example to demonstrate the interconnection between the device and the computer)

3.1.connect9809Mrouter

If you do not have an Ethernet cable and want to connect your device via WIFI, you need to do the following steps first: Open

WLAN in the lower right corner of your computer:



picture4 apname

Connect to the WiFi ZLAN-XXXXXXX, the default password is 666666666. If you have an Ethernet cable and plan to connect the device via a wired connection, directly connect the Ethernet cable to any LAN port, open your browser, enter 192.168.8.1 in the address bar, press Enter to confirm, and you can open the 9809M web page.

(To use a wired connection, the computer's Ethernet setting must be set to automatic (DHCP), or the IP must be manually set to the same network segment as the router)

ZLAN	
L root	1
6	1
	1
登录	1
	1
	l
	l
	l
	l
	l
	1
Powered by ZLAN	



picture5 webLogin Page

刷新 ZLAN 📰 #88 未设置密码 di #101 概范防火環 状态 路由表 系统日志 内核日志 系统 系统讲程 主机名 71.65 信道分析 04EEE8117430 ID 实时信用 IME 865074053131446 ○ 系统 本地时间 2021-09-01 06:43:23 击 网络 ✿ 退出 运行时间 0h 10m 29s 干燥色影 0.04. 0.34. 0.28 内存 可用数 已使用 31.59 MB / 120.37 MB (26%) 3.27 MB / 120.37 MB (28) 日底:4 已緩存 9.78 MB / 120.37 MB (8%)

There is no password initially, just click to log in, and you will enter the configuration page after logging in:

picture6 webConfiguration Page

Click Network -> Interface, and you can see the existing interfaces of the device, mainly LAN port, WAN port, and WAN_4G port. WAN port is mainly used to provide users with external network access services, while LAN port is mainly used to provide users with local area network access or output interface. Specifically, through the WAN port, the router can receive data packets from the Internet and forward them to the devices in the local area network; through the LAN port, the router can receive data packets from the Internet and forward them to the devices in the local area network.

The router can receive data packets sent by devices in the local area network and forward them to the Internet or other networks.



picture7Interface Page

3.2.Configuring Network Connections

Initial configuration: Click the menu bar on the left side of the web page: Network -> Interface, and you can see the interface page

shown in Figure 7. (Ctrl+mouse wheel to zoom in)

The default WAN port mode is wired priority mode, that is, the router WAN port accesses the Internet through a network cable.

You can view related parameters by clicking Network -> 4G Network.

ZLAN	
■ 状态 >	未设置政府!
◎ 系统	阿米亚面积36、据271001用户就面积394上和计相用。
曲 网络 ・	4G状态 4G设置
接口	
无线	4G信息
交换机	
DHCP/DNS	WAND模式 有线优先模式
主机名映射	
静态路由	BCAT: ZLAN9803M 1.4
防火墙	SIM-FetCa:
网络诊断	
4G网络	IMEE
QoS	
● 高级功能 >	
• 退出	IMSI:

picture8 4Gstate

3.2.1. WIFIRelay Mode

Click the menu bar on the left side of the page: Network -> Wireless, you can see the wireless overview. 9809M has a

A 2.4G wireless network card.

the network card:

ZLAN					Bish
 ■ 状态 > ○ 系统 > 	未设置密码! 尚未设置密码。请为 root 用户设置密	码以保护主机并启用。			
▲ 网络 接口	无线概况				
无线 交换机 DHCP/DNS	💇 radio0		MediaTek MT76x8 802.11bgn 信道: 11 (2.462 GHz)] 謝率:? Mbit/s		東京 白語 新教
主机名映射 静态路由	dBm		BSSID: 04-EE:E8:15:36:96 bblb: WPA2 PSK (CCMP)		SARU SARU (233)
防火墙 网络诊断	已连接站点	MAC 地址	主机	信号/噪声	接收速率/发送速率
4G网络 QoS			无可用信息		
 高级功能 退出 					保存开应用 * 保存 繁化
					Powered by ZLAN
			nicture9Wireless Overview		

WIFI relay mode, that is, the 9809M router accesses the upper network through the upper WIFI, and your device accesses the 9809M router through wired or WiFi. Before setting, please ensure that the upper WiFi network can connect to the public network and connect the WiFi antenna.

Step 1: Enter the web page, click the menu bar on the left: Network -> WIFI, and click the scan button on the right side of

ZLAN						Bist .
 ■ 状态 ○ 系统 	未设置密码! 尚未设置密码。 講	i为 root 用户设置密码以	保护主机并启用。			
▲ 网络 接□	~ 无线概况					
无线 交换机 DHCP/DNS	-	radio0		MediaTek MT76x8 802.11bg 信道: 6 (2.437 GHz) 遠南: ? Mbit/s SSID: ZLAN-04EFE8153697 掲載: Ma	n	18.00 E335 #100
主机名映射 静态路由		dBm		BSSID: 04.EE E8.15.36.96 108: WPA2 PSK	(CCMP)	樂府 1948日 移始
防火墙 网络诊断 4G网络	日建按站点		MAC 地址	主机	信号/噪声	推改速率/发送速率
QoS 會 高级功能	2			无可用位	58	02721100111 + 0277 2010
● 退出						Powered by ZLAN
				picture10Scan button		

Step 2: On the page that opens, select the parent network you want to access and click Join Network.

加入网络:搜索无线						
信号	SSID	信道	模式	BSSID	加密	
📶 -41 dBm		i	Master	,B	mixed WPA/WPA2 PSK (CCMP)	加入网络
📶 -49 dBm	ZLAN	4	Master		None	加入网络
🚄 -50 dBm	ZLAN JO1H	6	Master	i utbA:SD	WPA2 PSK (CCMP)	加入网络
📶 -57 dBm	10m	9	Master	:A:C6:C2	WPA2 PSK (CCMP)	計兩人用的
📕 -72 dBm	ZLAN5	6	Master	i 39:A1:55	mixed WPA/WPA2 PSK (TKIP, CCMP)	加入网络
📶 -72 dBm	WANG	7	Master	€ 7D:BC:F9	mixed WPA/WPA2 PSK (TKIP, CCMP)	加入网络
🛋 -73 dBm	ANZO	11	Master	6: 0C:D8:90	mixed WPA/WPA2 PSK (TKIP, CCMP)	加入网络
📶 -73 dBm	H3C_p ni wifi	11	Master	DC:D8:91	WPA PSK (TKIP)	加入网络
🚄 -74 dBm	Liligj	4	Master	83:C7:19	mixed WPA/WPA2 PSK (CCMP)	加入网络
🚛 -76 dBm	shbile	11	Master	¢; AB.8E.90	mixed WPA/WPA2 PSK (CCMP)	加入网络
76 dBm	Guest_2.4GHz	13	Master	0/ 93:C7:C6:00	None	加入网络

picture11Join the network

Step 3: Enter your parent network password on the page that opens). The default new network interface name is wwan,

you can modify it yourself, then click the Submit button in the lower right corner, and the second interface will pop up.

正在加入网络:"ZLAN-2001H"		
重富无线配置	边中北选场以从无线中挪励现有网络。	
新网络的名称	wwan	
	合法字符: 1-2, n=2, 0-9 和 _	
WPA 密钥	· · · · ·	
	在此指定密钥。	
锁定到 BSSID	○ 6211週刊 855ID 为 从2:C8:94:70:64:50 的网络,而不是其它 SSID 相同的网络。	
创建/分配防火墙区域	wan wan622 wan.4g:20 wan.4g:00 *	
	为此第口分散所履的防火境区域,选择未按度时将说理口径出已关联的区域,或者境写查测些来创成一个新的区域,并将当前现口与之建立关联。	
	取消 权	Ż

picture12Modify the network interface name

The second page has options such as operating frequency and transmission power. When the Wi-Fi version of the device to be

connected is older and does not support 802.11/N, you can change the operating frequency to Legacy. Under normal circumstances, you

do not need to set any parameters, just click Save.

状态	欄式: Client SSID : ZLAN-2001H dBm元结末关联
无线网络已启用	###I
工作频率	使式 信道 密弦 N ~ auto ~ 20 MHz ~
允许使用旧的 802.11b 速率	〇 过时或给能欠组的设备可能需要用的 802.11b 速率才能互联。在使用这些速率的库尔下,低值占用效率可能会显著降低,建议尽可能不使用 802.11b 速率。
最大传输功率	靈动戲认 ~ - 当前功率: 未知
	和企業大式並以降。依認监管要求相對用情況。至20世界可能將完成分进的中國定在計畫以下。
印配置 常规设置 无线安全 高级设置 授成	和22mm大式が100年、依認証確認示利400円体32、50.0000年3月約953年3月約10年9月12日止激以下。 第一時
20 配置 常規設置 无线安全 高级设置 使式 ESSID	和22mm未大22mm2/mm。依認認管理求和1999時次7。20.0mm2/Pr可能的方式存23mm2/Prip和22mm2/mm32mm32
2. 口配置 <u>常規設置</u> 天线安全 高級設置 使式 ESSID BSSID	和22mm未入2dx100年、依認証確要求和3dx140時時30年3dx140時期在在計2mmLF。 密户端 ZLAN-2001H
11] 印音置 <u>常現設置</u> 天线安全 高级设置 使式 ESSID BSSID 网络	和22年人23年10年、依認証確認示和19月前32、第0.09日序可指的方式存送410年時期在在出版ULF。

picture13Interface Configuration

After clicking Save, you will enter the page shown below, where you can see an additional mode for the wireless profile: ClientWireless.

The web page prompts that there are multiple unapplied changes in the interface. Click Save and Apply to make them take effect.

ZLAN					段新 未保存的配置: 15
 ■ 状态 > ○ 系统 > 	未设置密码! 尚未设置密码。请为 root 用户设置的	S码以保护主机并启用。			
▲ 网络 ◆ 振口 天成 交換机 DHCP/DNS 主机名映射 静态路由	无线概况 ■ radio0		MediaTek MT76x8 802.11bgn 御道: 1 (2412 GHz) [道際: 7 Mbr/s SSID: 2LAN-042E8153697] [観定: Matter SSID: 042E81536366 [加酸: WAR2 SSI, (C SSID: 2LAN-2001H] [観定: Client		100 F15 6/10 600 501 555
防火墙 网络诊断 4G网络 Qo5 \$ 高级功能 >	已连接站点	MAC 地址	銀口有 7 个未成用的表改 主机	信号/海声	建設 建改选率/发送法率
● 週出			无可用信息		रुदरन्गाव्रणा •) (हरन हार्छ Powered by ZLAN

picture14Save Button

Step 4: Click the menu bar on the left: Network -> Interface, then we can see the newly added interface.

ZLAN	接口 设备 全局网络选项 按口		
 ■ 状态 > ○ 系统 > 二 网络 ✓ 	LAN 参う(近空間) br-dan	抽発 読む地社 通行問題: h. b. m. 34a MAC (44 E (5: 13: 3677 間後: 1.7 m / 6 (13: 16 (金田位)) 激励: 5.5 m / 0.747 (金田位)) Pack: 12: 165 1/24	milt Øik Sitt Mit
无线 交换机	WAN 2000 eth0.2	物況: DHCP 部門端 MAC: 04臣臣1515408 構設: 08 (教師部)) 複選: 441.69 KB (1321 教師句)	SE ØL SE SE
DHCP/DNS 主机名映射 静态路由	WAN6	(約位: DHCPv6 第) ¹⁹ 以前 MAC: 04:EE81536498 (第位: 04:00) (第位: 04:00) (第0: 04:0	NUC (PL) SVII NOR
防火墙 网络诊断 4G网络	WAN 4G		888 (#£ 589) (##
uos 高級功能 > 3 退出	WAN 4G V6	物理: DHCP-6 修戸端 運行時期: 1h Om 0s MAG: EAD(7) DSF7E-33 酸電: 12-51 Ka (364 後近街) 发起: 561.37 Ka (4558 般近街))	88 ر 98 88
	WWAN Rew Wlan0	(約2): DHCP 第二号編 諸学寶第位: 00 m 10 c MAC: 0.4 在EE 81:53 65 66 第位: 96 33 85 (31 85 (21 85 20 56 1) 就語: 3.3 99 KB (11 35 20 56 1) ドレ4: 192: 06 1.5 99 24	服舵 併止 500 100
	36.1n0518CL		

picture15Interface Page

Step 5: Click the left menu bar: Network -> 4G Network -> 4G Settings: Set the WAN port mode to

wired_mode: (If it is already wired, you don't need to perform this step)

ZLAN	l
 ■ 状态 > <	- 米设置撤销! 尚未设置意识。请力 root 用户设置意明以保护主机并应用。
▲ 网络 ~ 違□	4Gtts 4GR
交換机 DHCP/DNS 主机 States	4G网络配置 WAND接式 和核依用提式 、
静态路由 防火墙 网络诊断	関格化分配 Automatic し APNIR入店:
4Gi여범 QoS	APNULE: none v
 高級功能 退出 	APN用小名: APN出标: ・
	\$\$\$\$9.7% \$##
	Powered by ZLAN

picture16Wired Mode

ZLAN	
# 状态 >	*8998781
✿ 系统	尚未设置影码,诸为 root 用户设置影明以保护主机并启用。
系统 管理权	重启
软件包 启动项	重起認識能上的系统
计划任务	(A)TEL
畜份/升级	Powered by ZLAN
重启	
● 高級功能	
☞ 退出	

Step 6: Click the menu bar on the right: System -> Restart, click the Execute Restart button to restart the router:

picture17Reboot the device

After the restart is complete, the WiFi relay is set up, and the router has access to the external network through the upper WiFi. Connect your device to the router via wired or WiFi (this WiFi refers to the WiFi sent by 9809M, named zlan+id, the default password is 8 sixes) to access the Internet.

3.2.2. WIFIBridge Mode

When the LAN port of 9809M needs to be in the same network segment as the parent network, the WIFI needs to be set to bridge mode.

Step 1: Enter the web page, click on the left menu bar: Advanced Functions -> Relay, select Relay Bridging for Relay Mode, select the name of the AP to be bridged for the Parent WIFI Name, fill in the AP password for the Parent WIFI Password, and select the corresponding encryption method. It is best to set the IP of this device to an IP in a different network segment from the parent router:

ZLAN	
■ 状态 > ○ 系统 >	未设置密码! 尚未设置密码、请为 root 用户设置密码以保护主机并和用。
 ☆ 高级功能 ◆ ◆ 中継 ◆ ④ 週出 	中接 中提格式 (中提於版 ~)
	上级WIFI路码 ZLAN-2001H
	10時だ/3式 WPA2-P5K ~ 設置本記名MP 192.168.2.11
	(477开放用) (477 140
 ● 調出 	

picture18Advanced Features

Step 2: After filling in the required information, click "Save and Apply" in the lower right corner. After the application is completed,

ZLAN						周新
 ■ 状态 ○ 系统 	> >	未设置密码! 尚未设置密码。请为 root 用户设置密码以保护:	主机并启用。			
▲ 网络 按□	~	无线概况				
无线 交换机 DHCR/DNS	- 1	😤 radio0	MediaTek MT76x8 8 信道: 6 (2.437 GHz) 運車	02.11bgn 1: 65 Mbit/s		服約 扫描 约说
主机名映射静态路由		dil dBm	SSID: ZLAN-04EEE8153697 BSSID: 06:EE:E6:15:36:96 加密: SSID: ZLAN-2001H 根	根式: Master WPA2 PSK (CCMP) 虹: Client		
防火墙 网络诊断		-S0 d8m	BSSID: 04:EE:E8:15:36:96 加酸:	WPA2 PSK (CCMP)		ALL
4G网络 服务质量(QoS)		已连接站点	MAC 地址	主机	信号/璇声	接收遗率/发送遗率
● metax401He ● 退出			10) A2:C8:94:70:5A:5D	7	🚄 -51 dBm	65.0 Mbit/s, 20 MHz, MCS 7 52.0 Mbit/s, 20 MHz, MCS 5
						保存并应用 • 保存 無位
						Powered by ZLAN

the relay is successful. Menu bar: Network -> Wireless:

picture19Relay Wireless Overview

The parent WiFi will appear here. If the encryption method also appears, it means that the connection to the parent WiFi is successful.

Then click the menu bar: Network->Interface:

ZLAN				809F
 状态 系统 	> 末	受置密码! 长设置密码。请为 root 用户设置密码以保护主机并	£R.	
☆ 网络 接口 无线		20232324252627282829202020202020202020202020202020202020202020202020202020202020202020202020202020202020202020202020		
交换机 DHCP/DNS 主机名映射 静态路由		RELAY	10歳: DHCP 第一頃 通行到後: Dh 2m 40; MAC C4 EEE 8: 33.856 建設: 41 4 NB (33-40 8)開閉) 波波: 43 64 NB (3468 8)開閉) 波波: 45 64 NB (3468 8)開閉)	80 92 SH 80
防火墙 网络诊断 4G网络		RELAY_BRIDGE	協议: 中地符 延行登録。Ch 13m 7s MAC: Oat EE8:15.36.97 優徴: 5.30 MB (57056 数回符3) 変基: 9.05 MB (51141 変通管3)	111.62 HAL 5241 1002
服务质量(QoS)	2	LAN 8 ³⁵ (^{gen} m) br-lan	物(2): 掛売:地址 選行到間: Ch 13m 7s MAC: 04€EE33587 線(2: 1.16 MB (21658 数)(25)) 縦(2: 539 MB (23248 数)(25)) (単)-4: 192.168.2.11/24	風流 例注 500 800

Check whether the relay interface has an IP. If there is an IP, it means the relay has been successful.

Figure 20 Relay interface

After the settings are completed, wait for 10 seconds to complete the configuration. At this time, the router can be bridged to the upper-level AP via WIFI, and the network

device can obtain the network segment assigned by the upper-level AP by plugging the network cable into the LAN port.

IP 分配:	自动(DHCP)	编辑
DNS 服务器分配:	自动(DHCP)	编辑
链接速度(接收/传输):	100/100 (Mbps)	复制
平地提接 IPV6 地址. IPv4 地址:	192.168.1.156	
IPv4 DNS 服务器:	116.228.111.118 (未加密) 180.168.255.18 (未加密)	
制造商:	ASIX	
描述:	ASIX AX88772C USB2.0 to Fast Ethernet Adapter	
驱动程序版本:	3.18.19.1213	
物理地址(MAC):	00-00-01-60-23	

Figure 21 DHCP obtains parameters

3.2.3. Wired Mode

Wired mode means that the router is connected to the external network through the WAN port.

Step 1: Connect the network cable to the WAN port of the router:



Figure 22 WAN port diagram

Step 2: Click the menu bar on the left: Network -> 4G Network -> 4G Settings: Set the WAN port mode to wired_mode: (If

it is already wired, you don't need to perform this step) and click Save and Set in the lower right corner.

ZLAN	
5 状态 >	未设置度码!
 系统 	尚未设置密码。请为 root 用户设置密码以保护主机并愈用。
击 网络 · ·	46状态 46段置
接口	
无线	4G网络配置
交换机 DHCP/DNS	WAND模式 有线线先模式
主机名映射	
静态路由	解理(近先级: Automatic ~
防火地 网络诊断	APN接入前:
4G网络	APNUJE: none 🗸
QoS	
● 高级功能 >	APN用PS:
3 退出	APNRE:
	_
	<u>алан</u> (ал. 1986)
	Powered by ZLAN

Figure 23 Wired priority mode

After the settings are completed, wait for 10 seconds to complete the configuration. At this time, the router can access the external network through the

WAN port cable, and your device can access the Internet after connecting to the router via wired or WiFi.

3.2.4. 4Gmodel

4G mode means the router accesses the external network by inserting a 4G SIM card.

Step 1: Insert the SIM card and connect the 4G antenna.

Step 2: Click the menu bar on the left: Network -> 4G Network -> 4g Settings: Set the WAN port mode to

4g_mode: (If it is already set, you don't need to perform this step) and click Save and Set in the lower right corner.

ZLAN	
 ■ 状态 > > ○ 系统 > 	朱拉爾密码! 尚未说面密码。請为 root 用户设置密码以保护主机并应用。
▲ 网络 × 接口	4GK//6
无线 交换机	4G网络配置
DHCP/DNS 主机名映射	WANDRET: 4G00.0000, ~
静态路由 防火墙	网络优先级: Automatic ~
网络诊断	APN(8),Adi:
服务质量(QoS)	APNULIE: none ~
 高级功能 退出 	APN(###25
	APINEER
	546开始用 GR4 B G
	Powered by ZLAN

Figure 244G Priority Mode

Wait for the blue light on the router to flash, and then wait for one minute to complete the setup (if you cannot connect to the Internet, wait for one minute and try again. If it still does not work, try restarting the router). After completion, the router can access the external network via 4G, and your device can access the Internet after connecting to the router via WiFi or cable.

4.Device Management

4.1.Set the router login password

Click on the left sidebar: System -> Admin Rights -> Router Password, enter the password you want to set, and then click Save to change the router password. The default router has no password, so it is recommended to set the router password yourself.

ZLAN		
 状态 系统 重理収 拉行包 启动项 计划任务 	>	未设置数据 内中设置数据以保护主机并参照。 用未送置数据、成为 root 用户设置数据以保护主机并参照。 配由器宏码 SSH 近向 SSH 近向
LED 配置 备份/开级 重启 • 网络 • 高级功能 • 退出		 ・ ・ ・
		(VF) Powered by ZLAN

Figure 25 Change login password

4.2.Set up the deviceWiFiParameters

In the left menu bar, click Network -> Wireless, select the WiFi you want to edit, and click the Edit button:

ZLAN					Ritr
■ 状态 >○ 系统 >	未设置密码! 尚未设置密码、请为 root 用户设置密码以保护主机并应用	L			
★ 网络 ~ 接口 天休	无线概况	MadisTak MT754	2 902 11ban		
交换机 DHCP/DNS	😤 radio0	信道: 6 (2.437 GHz) [近 SSID: ZLAN-04EEE81536 BSSID: 06:EEE8:15:36:96] 加	97 模式: Master 部: WPA2 PSK (CCMP)	MER ETHE 2010A	
静态路由 防火墙	4 -52 dBm	SSID: ZLAN-2001H BSSID: 04:EE:E8:15:36:96 109	模式: Client 密: WPA2 PSK (CCMP)		60.00 5046 X838.
网·印尼···································	已连接站点				
 高級功能 退出 	調題 整 客户或 "ZLAN-2001H" (wian0)	MAC 1898 A2:C8:94:70:6A:5D	王 和 ?	信号/犀声	接收改進率/2023/28/2014 65.0 Mbit/s, 20 MHz, MCS 6, Short Gi S2.0 Mbit/s, 20 MHz, MCS 5
					保存并逾用 • 保存 复论
					Powered by ZLAN



In the page that opens, ESSID is the WiFi name, which can be modified here:

X HI II U II				
常规设置	无线安全	MAC 过滤	高级设置	
			模式	援入点 AP ~
			ESSID	ZLAN-04EEE8153697
			网络	lan: 8 ³ •
				选择指派到此无线接口的网络,或者填写的就把来新建网络。
		8	急載 <u>ESSID</u>	在 ESSID 被隐藏的范围内,客户隔可能无法废胎目依腊占用效率可能愿罢降低。
		v	VMM 模式	この この いい
				关闭

Figure 27 Modify the wifi name

常规设置	无线安全	MAC 过滤	高级设置	
			加密	WPA2-PSK/WPA3-SAE Mixed Mode (强安全性) V
			密钥	66666666
		802.11	快速切换	。
		802.11w @	管理帧保护	可选
				注意:有些无线驱动程序不完全支持 802.11w。例如: mwlwifi 可能会有一些问题
		802.11w	(最大超时	1000
				802.11w 关联 SA 查询最大超时

Click the Wireless Security button to modify the WiFi password and encryption method:

Figure 28 Modify encryption method and password

After completing the settings, click Save in the lower right corner.

4.3.routerIPChange

Open the left menu bar: Network -> Interface: Click the Edit button under LAN.



Figure 29 Edit LAN parameters

You can modify the IP and other properties of the router itself. When completed, click Save in the lower right corner.

	状态	ジ 设备: br-lan 运行时间: 0h 2m 21s MAC: 04:EE:E8:15:36:97 接收: 359.38 KB (2560 数垣包) 发递: 1.86 MB (1846 数垣包) IPv4: 192.168.2.1/24			
	协议	静态地址	~		
	设备	₿ ^ø br-lan	٠		
开机自	自动运行	8			
IP.	₩4 地址	192.168.2.1			
IPv4 子	子网掩码	255.255.255.0			
IP.	№4 网关				
IPv4 /	"播地址	192.168.2.255			
IPv	№6 地址	添加 IPv6 地址	+		
IPv	∿6 网关				
IPv6 路	皆由前缀				
		Capitalilicode.002/114648 mill/Code.002/			

Figure 30 Save LAN parameters

Then click Save and Apply in the lower right corner: (If it fails, you can try to force the application, which is

recom	imende	d).		
ZLAN い 大态 の あた	3	RELAY @ Wlan0	物役: DHCP 然中間 通行対理(- Dh 38m 38s MAC: 04EE1535366 講句: 160 9 MB(107424 数間色) 変話: 153 3 MB(10744 数間色) 1Pv4: 192.168.159/24	888 (9)£ 5111 888
★ 网络 接口 工作		LAN 部 (許留) br-lan	1692: 為二約2 減速時期 (n 5 m 7 e MAC: 04 EE 81 53 69 7 時間: 23 5 M (62 4 長前間) 発起: 23 5 M (43 5 5 長前間) PB-94: 152 (16 3) (24	11.01 (Fig. 1995)
交换机 DHCP/DNS		WAN eth0.2		第2名 伊止 \$2日 第92
主机名映射 静态路由 防火墙		WAN6	(物)従:DHCPv6 第/戸網 MAC:Q4EE6153869 新使党:08(0)(2000) 援援諾:272.45 K8 (819 数照包))	BLC (9)1 (9)1 (90)
网络诊断 4G网络 服务质量(QoS)		WAN 4G		116 (#± 566 100)
✿ 高级功能✿ 退出	>	WAN 4G V6	情報2: DHCP+6 低円識 通行時間に 0h 38m 49s MAC: EA/DD7:08+75:A3 情報: 18-28: A1 (544 動脈的) 建設: 668.26 KB (5391 数別的)	王府 伊止 编辑 588
		WWAN 派 不祥在	协议: DHCP 街户间 错误: 网络设备不存在	199.22 (99.12 SCH) (199.2
		添加新铁口		
				6677月第6月 - 6277 第60 (回行月成用 残酷(四月) 98年6月1日 - 92年6月1日 - 92年6月1日 - 92年6月1日 - 92年6月1日 - 92月1日 - 93月1日 - 93月11日 - 93月111日 - 93月111日 - 93月111日 - 93月111日 - 93月111101 - 93月11101 - 931100 - 931100000000000000000000000000000000000

Figure 31 Save application

After waiting for about 30 seconds, directly enter the IP address you just set to access the router configuration interface.

4.4.Router firmware upgrade/flashing

By flashing the router firmware, you can get the latest features and more stable performance of the 9809M router. Open the left menu bar: System -> Backup/Upgrade:

ZLAN	200 WORT
■ 状态 >	不够展现的 [。] 時未设置機構、満力 root 用户设置意制以保护主机并启用。
 ✿ 系统 ▼ 	刷写操作
管理权软件包	18/1° 62/18
启动项	备份
 计划机势 LED 起還 新伯/开级 面向 前 网络 >> \$ 高级功能 >> \$ 退出 	由書 "生成品研" 下取品研配置文件的 tor 种组.
	刷写新的团件 从这里上传一个 sysupgrade 器容镜像以更新正在通行的面件。 通账 如"如果什
	Powered by ZLAN

Figure 32 Backup/upgrade

Click the Flash Firmware button, and on the page that opens, click Browse to select the firmware on your computer:

上传

Figure 33 Browse firmware

After that, click Upload, and you will be prompted to wait for the firmware to be flashed. The flashing will be completed after about 5 minutes. At this

time, you need to refresh the web interface to complete the firmware flashing operation.

名称: openwrt-ramips-mt76x8-ZLAN_zlan-cat1-squa 20221115.bin 大小: 5.75 MB	shfs-sysupgrade-	
	THEM	

4.5.reset

Click System -> Backup/Upgrade in the left menu bar, and click the Reset button:

	ZLAN		
			未设置宽码:
-	状态	>	网络金属属领 國方 100 期产业量量的记录产生的开始用。
٥	系统	~	剧写操作
	系统		
	管理权		<u>现作</u> 起源
	(1) 启动项		备份
	计划任务		点击"生成爸份"下载当前配置文件的 tur 存档。
	LED 配置 备份/升级		下版論份 生成品份
	重启		_
da	网络	\rightarrow	恢复
0	高级功能	<u>ې</u> د	上传备份存档以该规定圈。要将图件恢复到初始状态,请单击"执行重圈"(仅 squashfs 格式的图件有效)。
	退出		恢复到出厂设置 <mark>转行曲面</mark>
			依如起國 上传条份
			白定文文件 (证书、脚本) 合保留在原始上, 若无遗保留, 诱先执行恢复出厂设置,
			刷写新的团件
			从这里上停一个 sysupgrade 兼容情像以更新正在运行的隔阱。
			18.0b ##502011 -
			Powered by ZLAN

Figure 35 Factory Reset

After the reset is complete, the system returns to the factory settings.

Restoring the device to factory settings will lose all settings you have made and is generally not recommended.

5.After-sales service and support

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