







*Lierda*®

/



5G

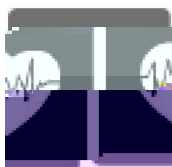


RF



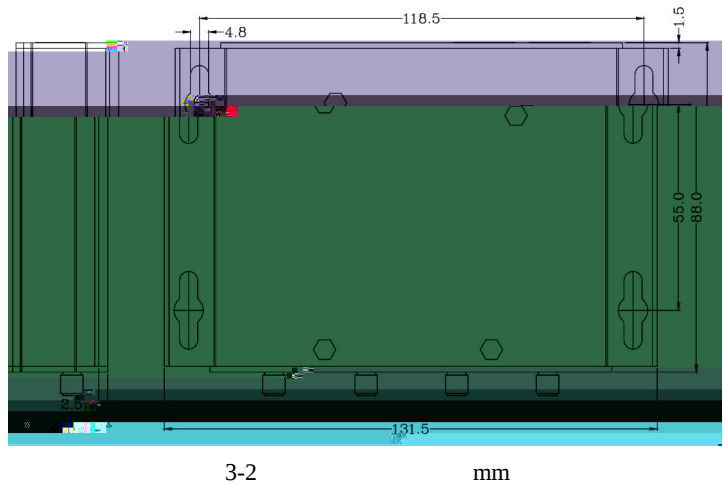
SIM

Lierda®









Г0

Dongle

5G

CPE

4-1 5G

CPU

256M Byte LPDDR3

32M Byte Flash

2 10/100/1000M LAN

RJ45

1.5KV

(U)SIM

Micro SIM

ETSI IMT-2000

Class B(3.0V) Class C(1.8V)

(U)SIM

16 KV ESD

USB

Type-A

Reset

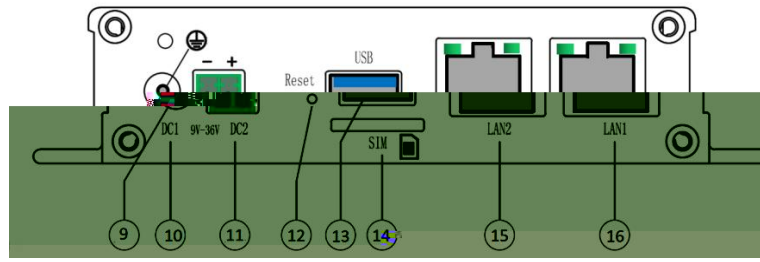
PM

1M1K

|      |                                                                                                                                                   |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| LTE  | LTE-FDD B1/B3/B5/B8<br>LTE-TDD B34/B38/B39/B40/B41<br>LTE: UL 2CA: 40C, 41C<br>DL 4x4 MIMO B1/B39/B41                                             |
| UMTS | WCDMA B1/B8                                                                                                                                       |
| GSM  | 900/1800 MHz                                                                                                                                      |
| WIFI | 802.11 b/g/n                                                                                                                                      |
|      |                                                                                                                                                   |
| 5G   | 5G NR 3GPP Release 15 NSA/SA operation Sub-6 GHz<br>5G NR SA n1/n28/n41/n77/n78/n79<br>5G NR 4x4 MIMO n1/n41/n77/n78/n79<br>5G NR NSA n41/n78/n79 |
| LTE  | LTE-FDD B1/B2/B3/B5/B7/B8/B20/B28<br>LTE-TDD B34/B38/B39/B40/B41<br>LAA -<br>2 × 2 MIMO B1/B2/B3/B5/B7/B8/B20/B28/B34/B38/B39/B40/B41             |
| UMTS | WCDMA B1/B2/B5/B8                                                                                                                                 |







6-1

6-1

Lierda®

9

(\*) (E) (P) (C) (N)

1

4 SMA

SMA

Lierda®

AA@AA

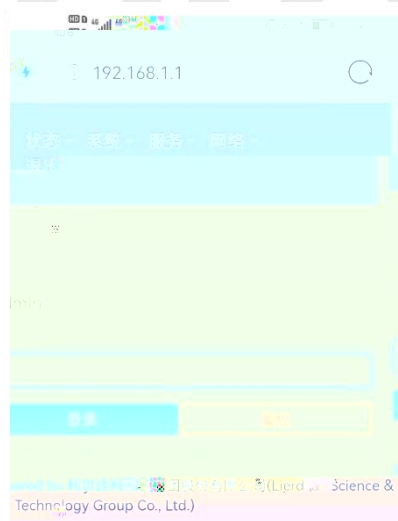
- 1) 5GDataTerminal sim
- 2) 5GDataTerminal LAN 5GDataTerminal  
WIFI

“http://192.168.1.1” web

“admin”, “admin” 8-1 8-2



8-1



8-2

| 系统      |                           |
|---------|---------------------------|
| 型号      | TE210                     |
| 固件版本    | 5G_OTU master 7.0.0_RC2.8 |
| 本地时间    | 2023-05-23 11:57:00       |
| 运行时间    | 0时 12分 40秒                |
| USB     | 3.0                       |
| 5G模块厂商  | TDTECH                    |
| 5G模块型号  | MH5000-82M                |
| 5G模块版本  | V100R001C00B028           |
| IMEI    | 890839050277011           |
| IMSI    | 460110165470118           |
| PLMN    | 46011                     |
| ARFCN   | 633684                    |
| Cell_ID | 20143583819               |
| PCI     | 454                       |
| TAC     | 4923392                   |
| 5G RSRP | -75 dBm                   |
| 5G SINR | 24 dB                     |
| 5G RSRQ | -2 dB                     |
| 4G RSSI |                           |
| 4G RSRP |                           |
| 4G SINR |                           |
| 4G RSRQ |                           |

8-3

| 网络                    |  |
|-----------------------|--|
| 5G(Pv4)               |  |
| 协议: DHCP 客户端          |  |
| 地址: 10.5.223.226/30   |  |
| 子网掩码: 255.255.255.252 |  |
| 网关: 10.5.223.225      |  |
| DNS 1: 202.101.172.37 |  |
| DNS 2: 202.101.172.38 |  |
| 5G(Pv6)               |  |
| 未配置                   |  |
| 4G(Pv4)               |  |
| 未配置                   |  |
| 4G(Pv6)               |  |
| 未配置                   |  |

8-4



8-5

NR+LTE

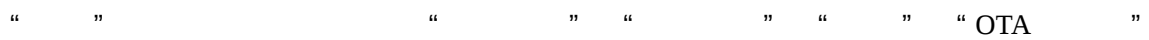
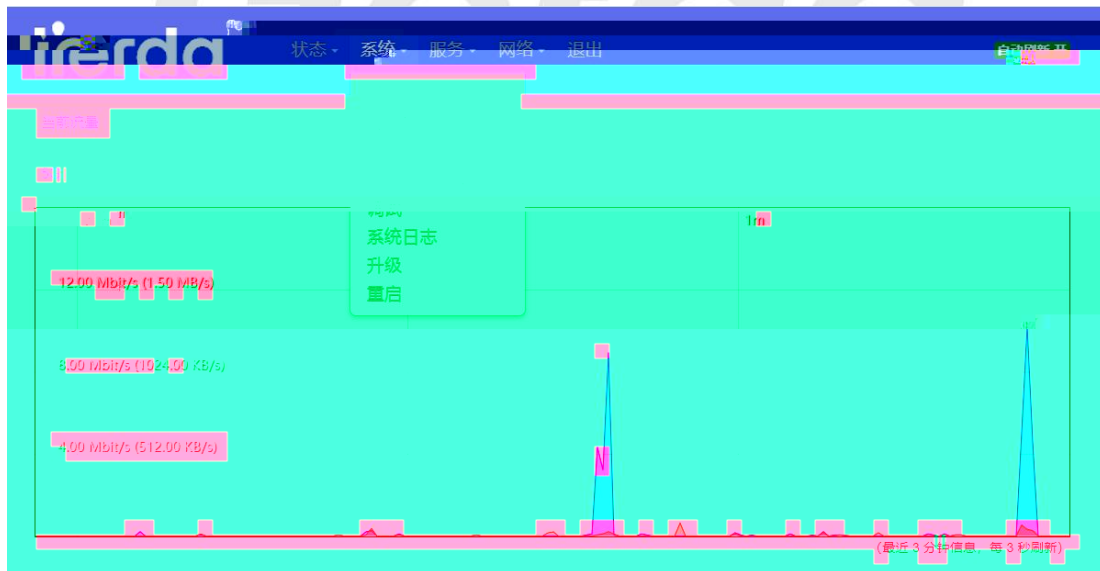
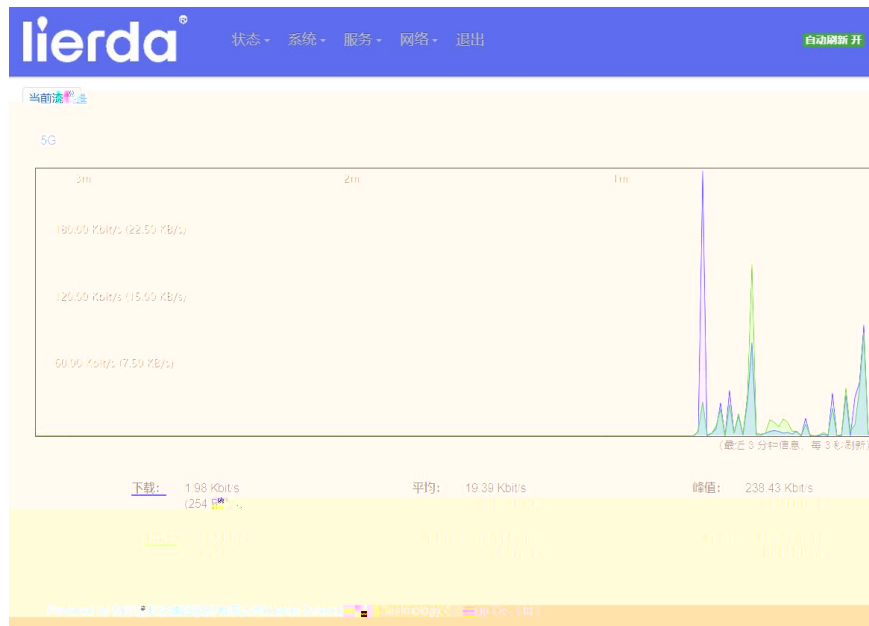
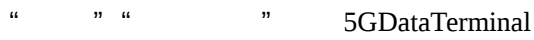
5G

5G

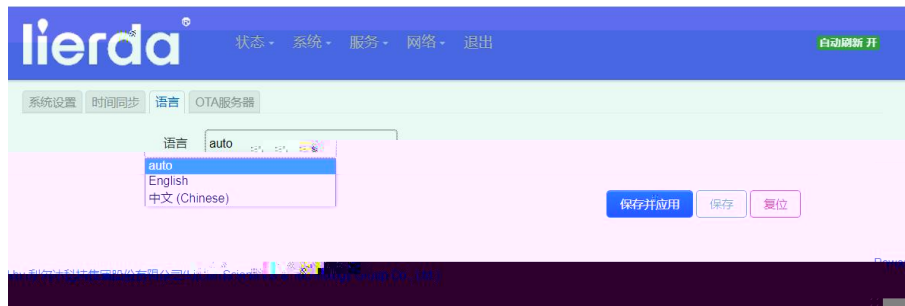
5G

4G

5G







8-11

OTA

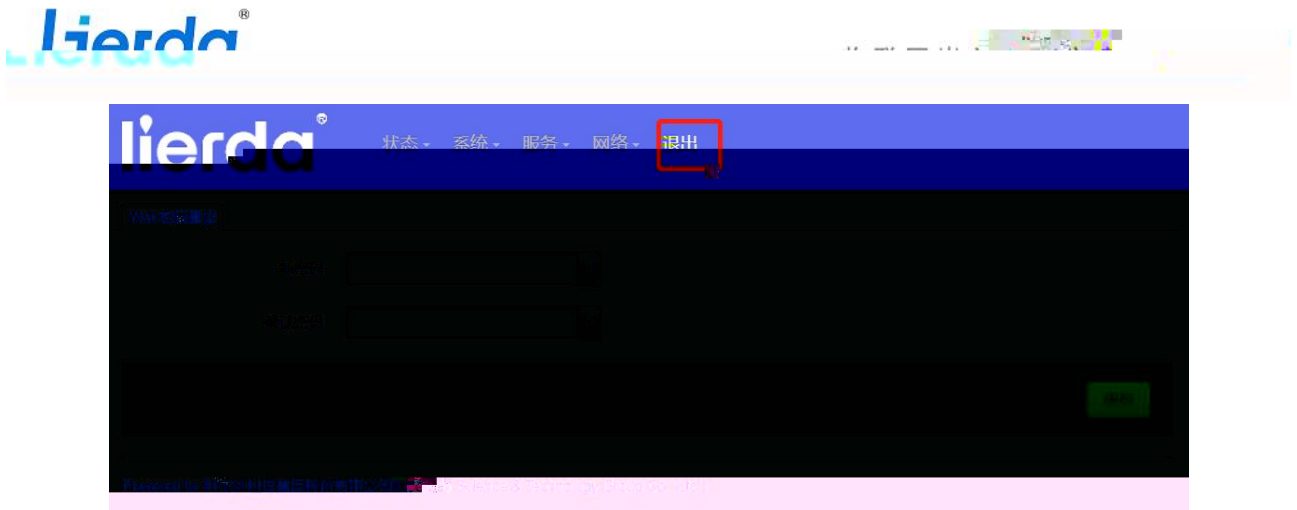
OTA

OTA



8-12

web



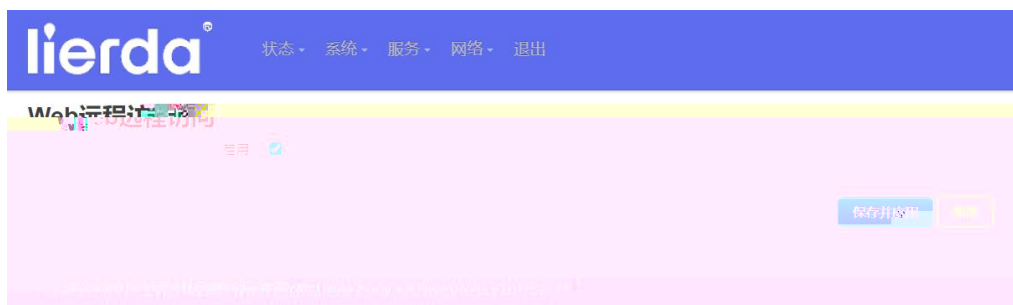
8-14



8-15

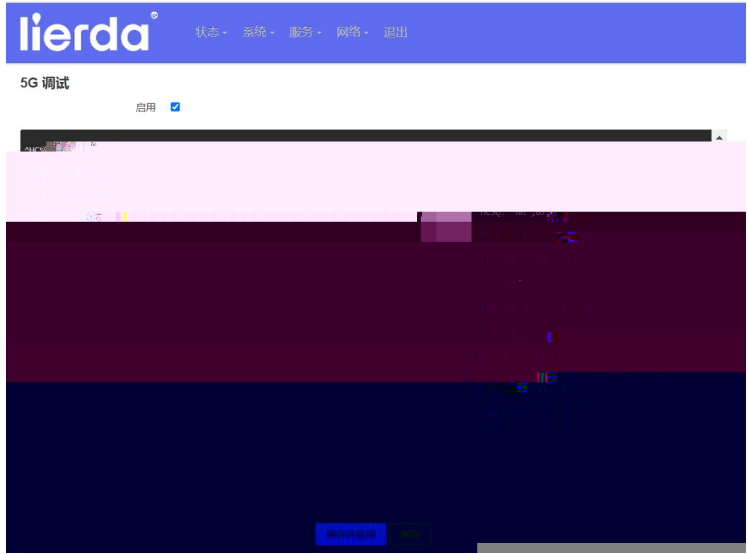
APN      5GDataTerminal      PC      IP

5G   IPv4      5GDataTerminal      Web



8-16





8-19

log

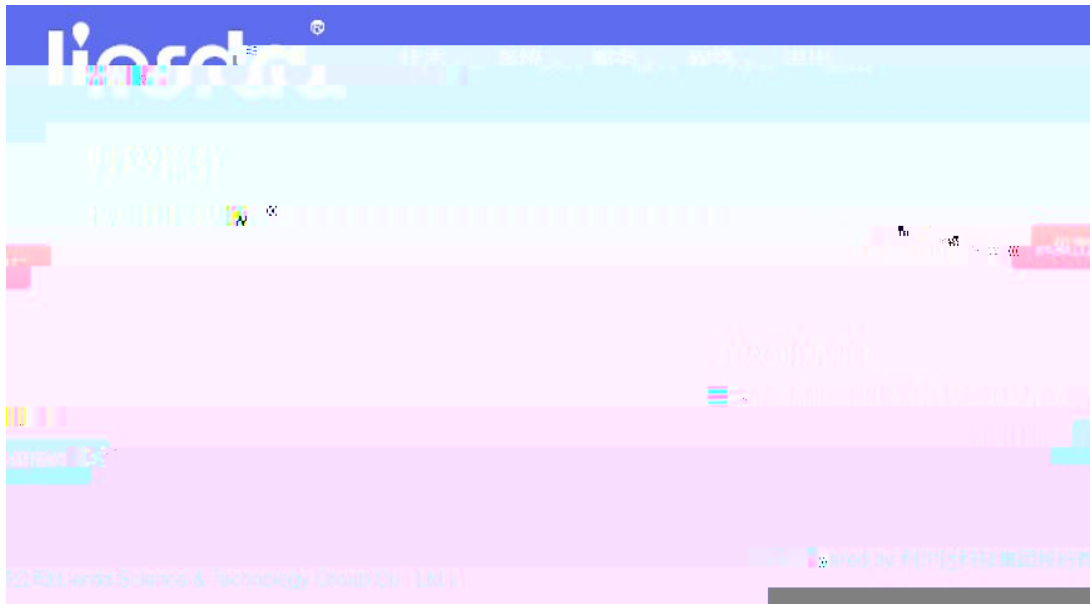


8-20

“ ” “ ”

“ ” 5GDataTerminal

“ ... ” “ ... ” PC



8-21



8-22

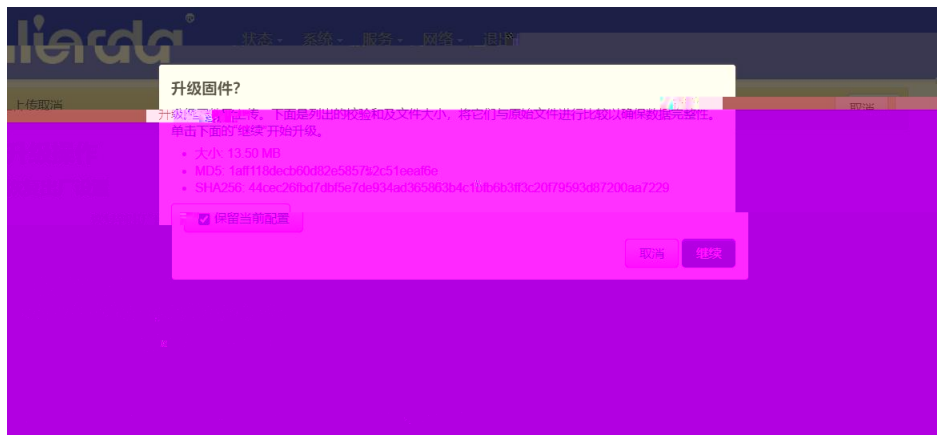
“ ”

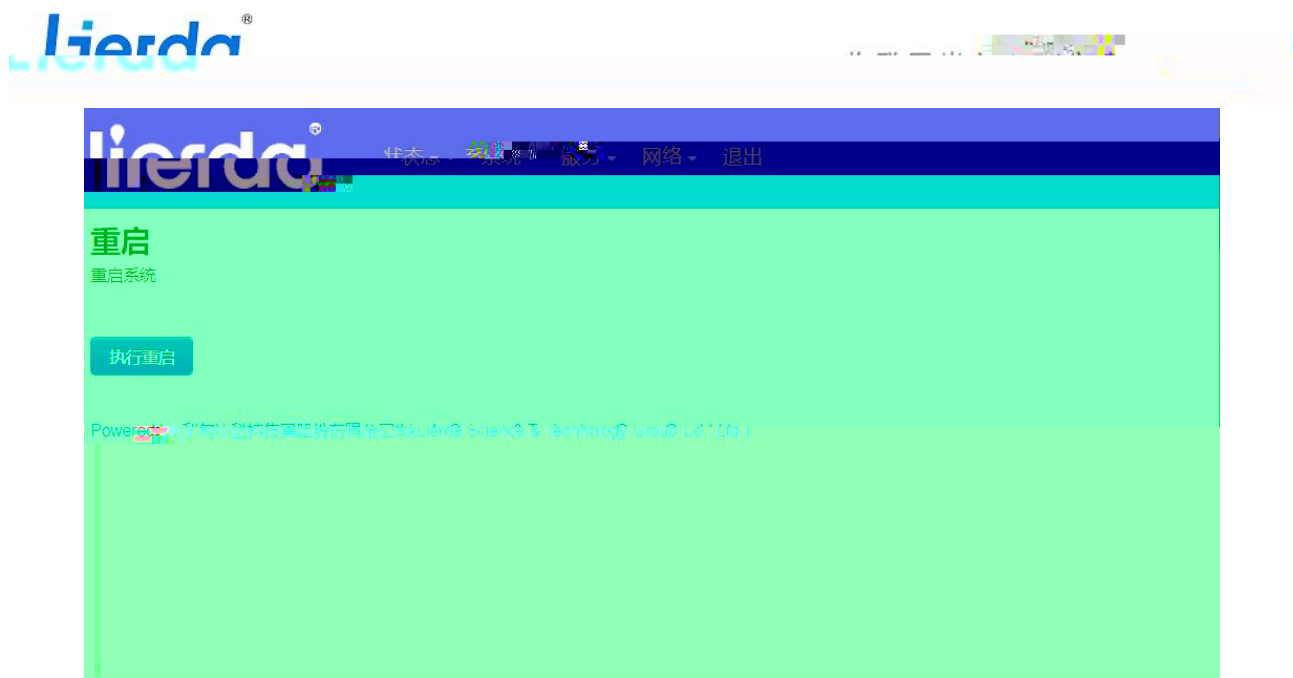


8-23

“ ”

“ ”

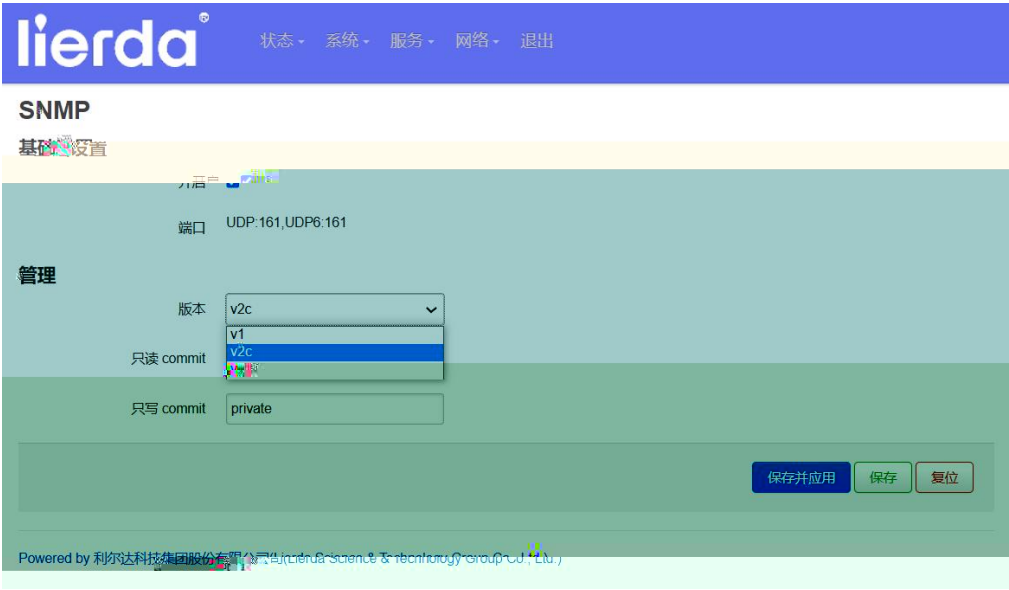




8-26

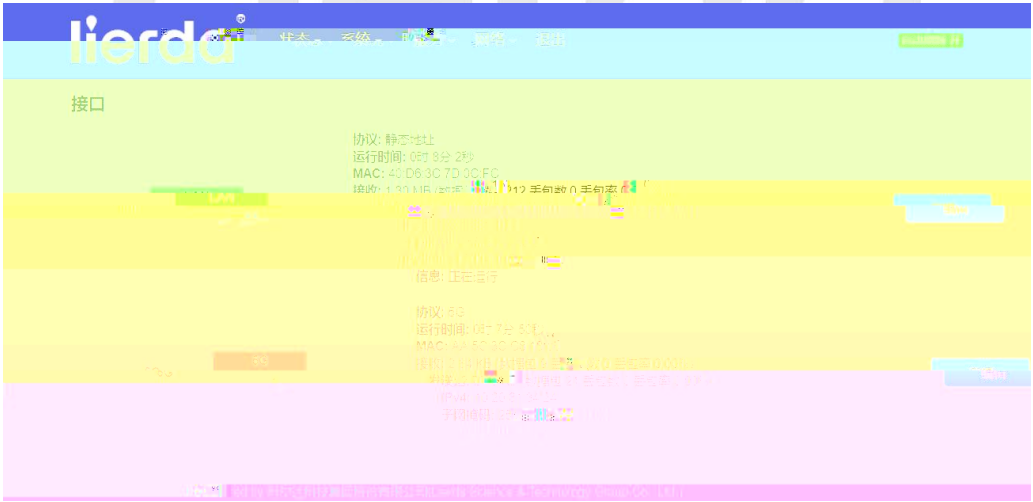


8-27



8-28

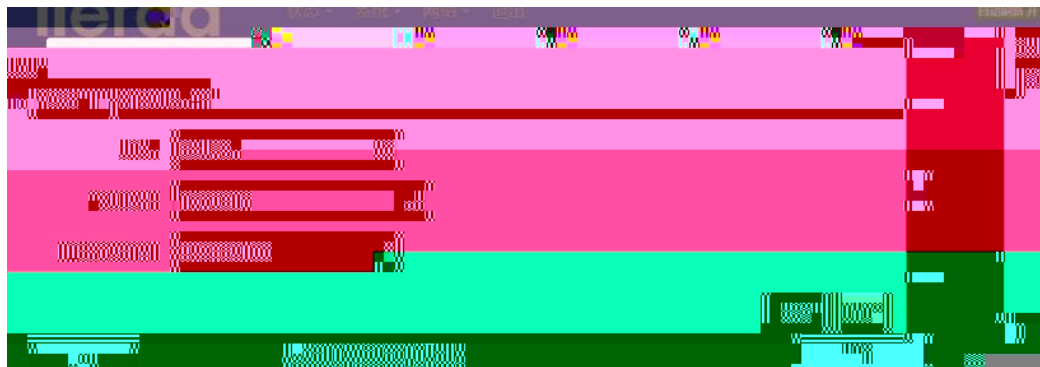
“ ” “ WIFI ” “ VPN ” “ DMZ ” “ ” “ ” “ GRE ”



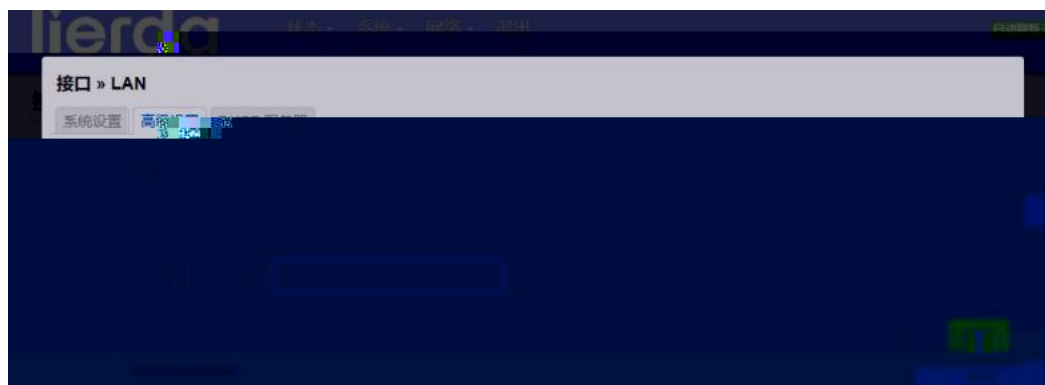
8-29

LAN

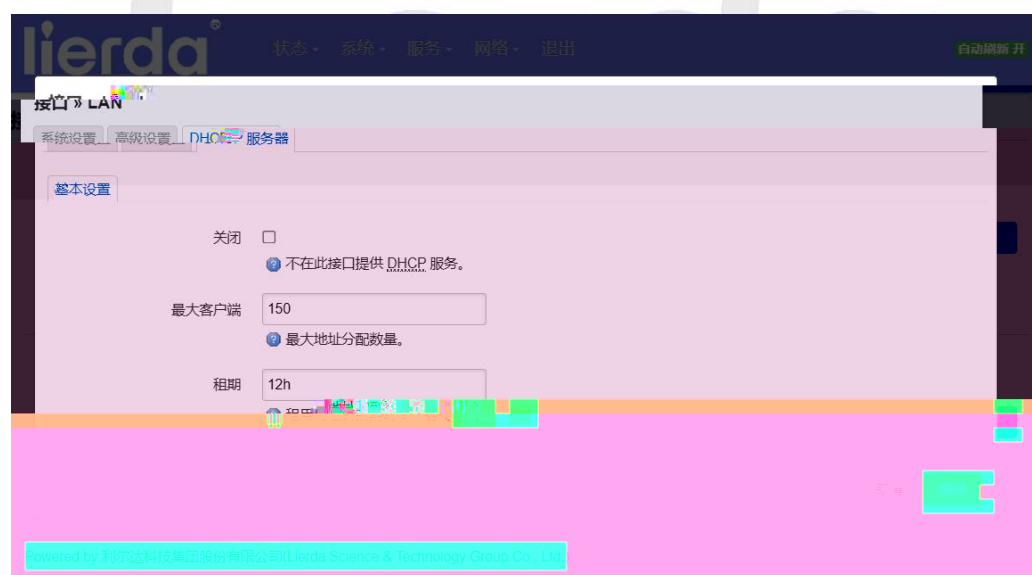
| IPV4        | 5GDataTerminalLAN | IP | IP |
|-------------|-------------------|----|----|
| 10.0.0.0    | 10.255.255.255    |    |    |
| 172.16.0.0  | 172.31.255.255    |    |    |
| 192.168.0.0 | 192.168.255.255   |    |    |



8-30



8-31



8-32



8-33

1 NR 5G

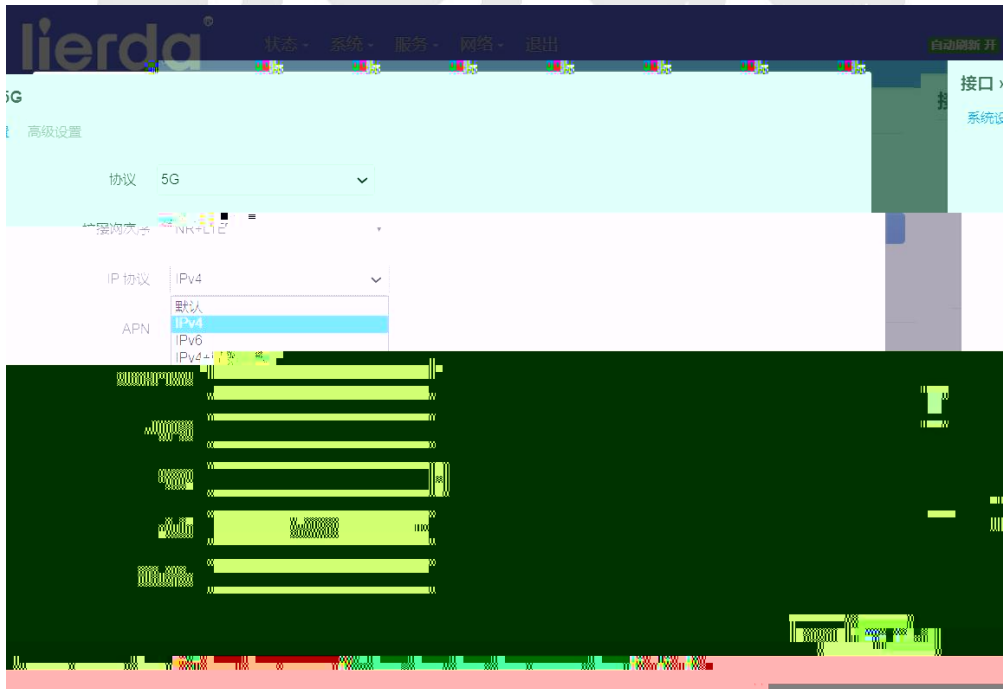
2 LTE 4G

3 NR+LTE 5G+4G 5G

4 NR+LTE+WCDMA 5G+4G+3G

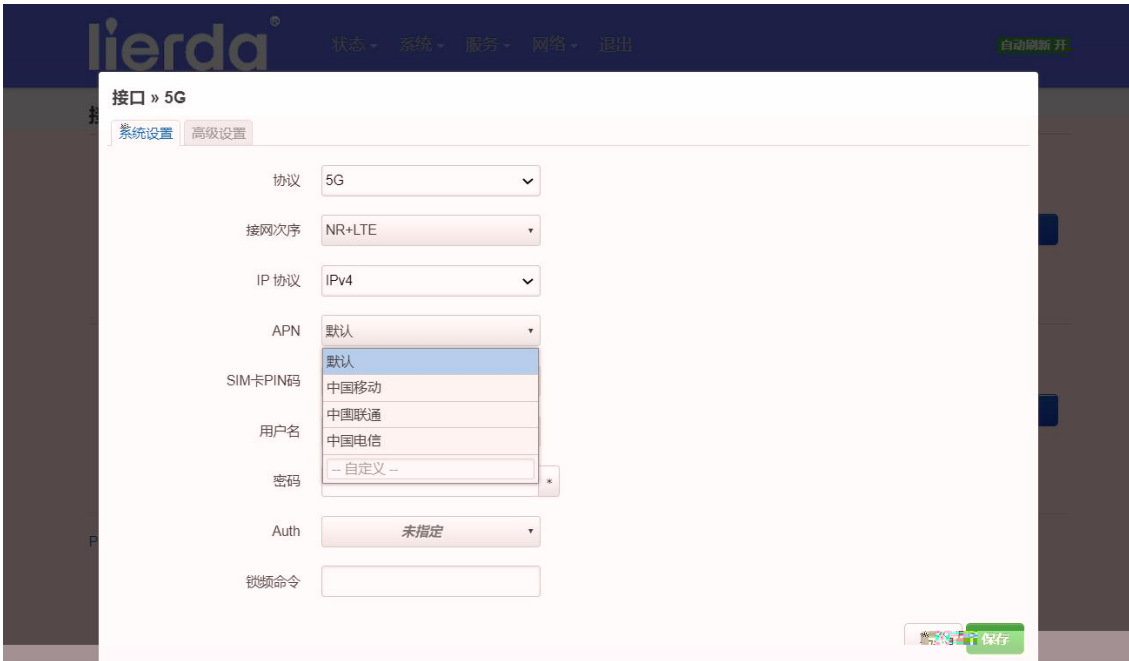
IP

IP ipv4 ipv4+ipv6 ipv6 ipv4+ipv6



8-34

APN



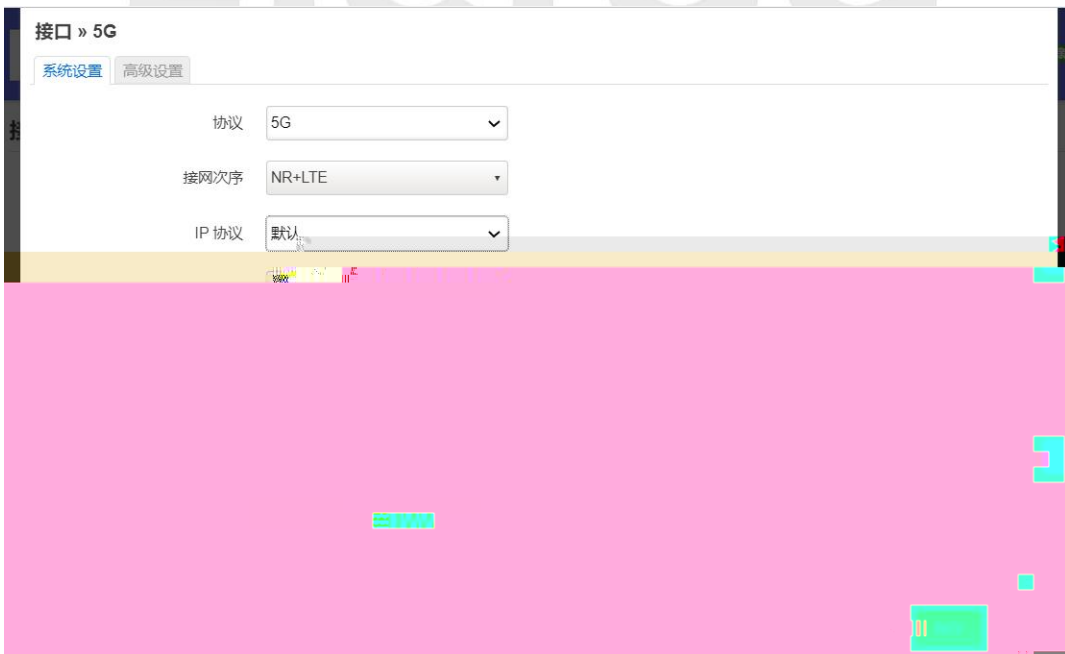
8-35

SIM PIN

sim APN



QUECTELRG200U-CN&Rx500U-CNAT



8-36

5GIP

MTU



接口 » 5G

桥接功能 ☐

IP获取 DHCP

重设 MTU 1500

子网掩码

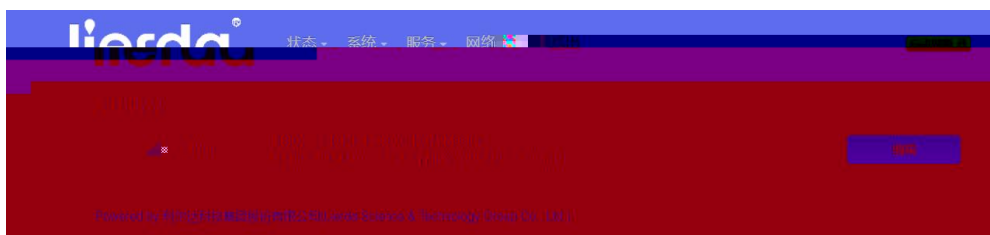
取消 保存

带宽: 429.57 MB (数据包: 343701 丢包数: 0 丢包率: 0.0%)

IPv4: 10.48.197.129/24

子网掩码: 255.255.255.0

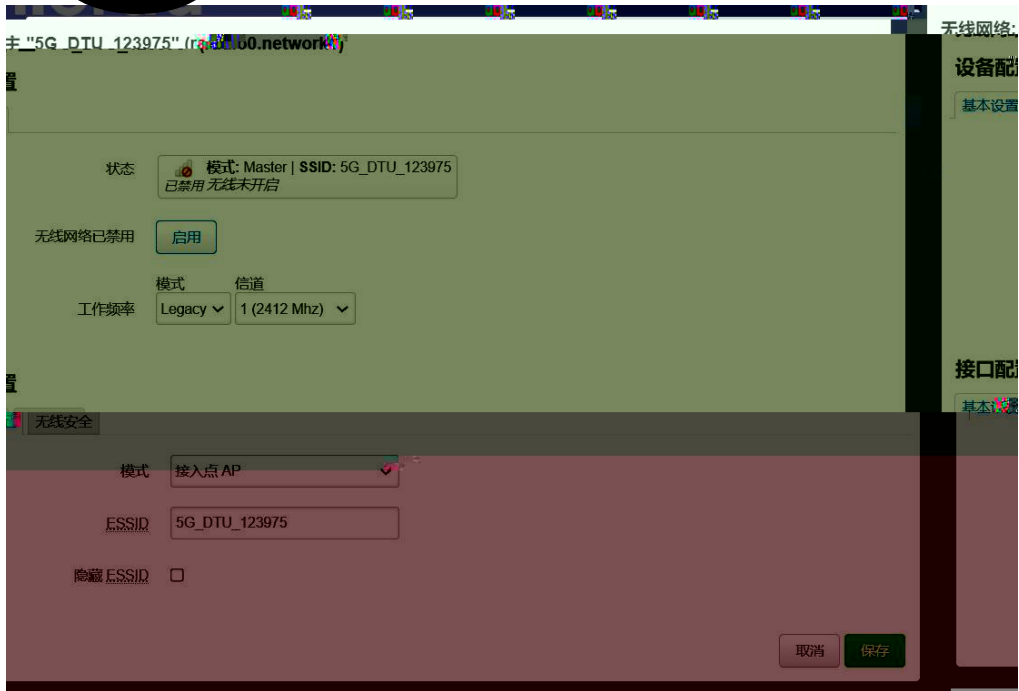
8-37



8-38



EE

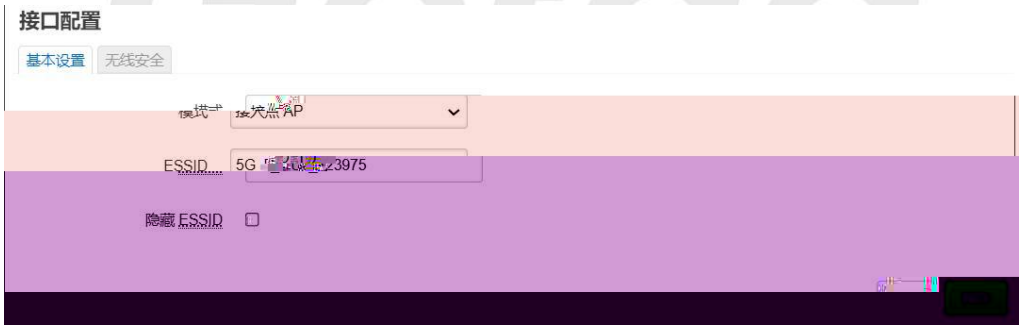


8-40

ESSID

wifi

ESSID



8-41

wifi

CCMP

TKIP

TKIP+CCMP

wifi

www.lierda.com

8-42

VPN PPTP L2TP( )

8-43

L2TP 5GDataTerminal

8-44

IP IP

5GDataTerminal                  5G      IP  
                                                 VPN

接口 » VPN

系统设置

协议

L2TP(层二)

打开

☐

类型

客户端

服务器IP

取消

保存

8-45

PPTP

PPTP

VPN

PPTP

“

”

接口 » VPN

系统设置

协议

PPTP

确定要切换协议?

切换协议

打开

☐

类型

服务器

取消

保存

8-46

VPN

接口 » VPN

系统设置 高级设置

协议

PPTP

打开

☐

VPN 服务器

PAP/CHAP 认证

☐

用户名

密码

确认密码

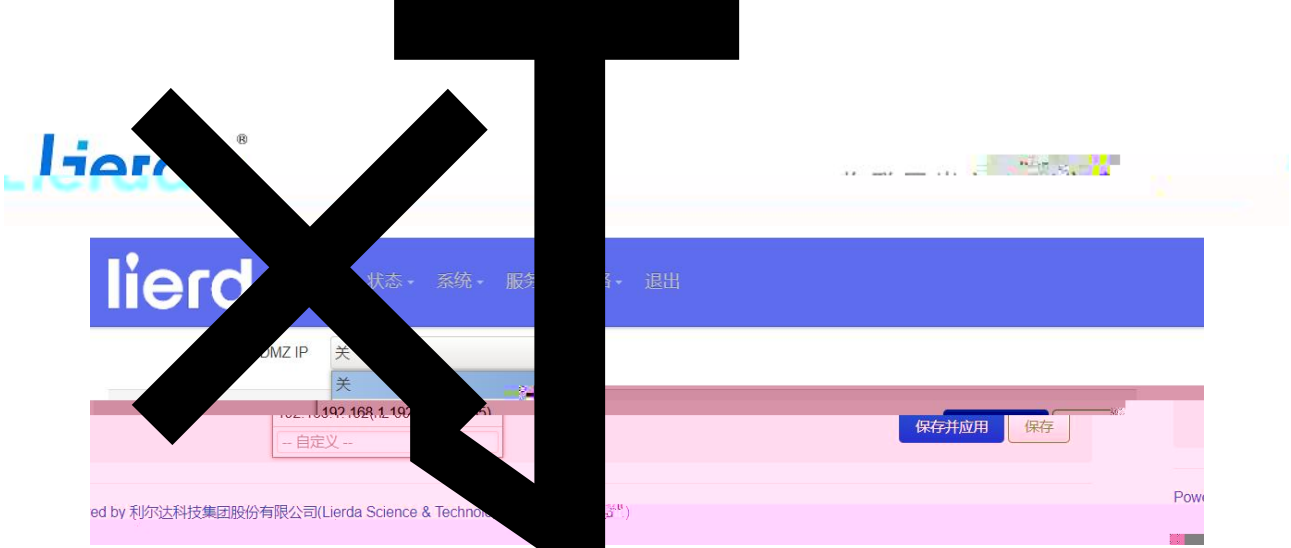
取消

保存

8-47

IP

DMZ



8-48

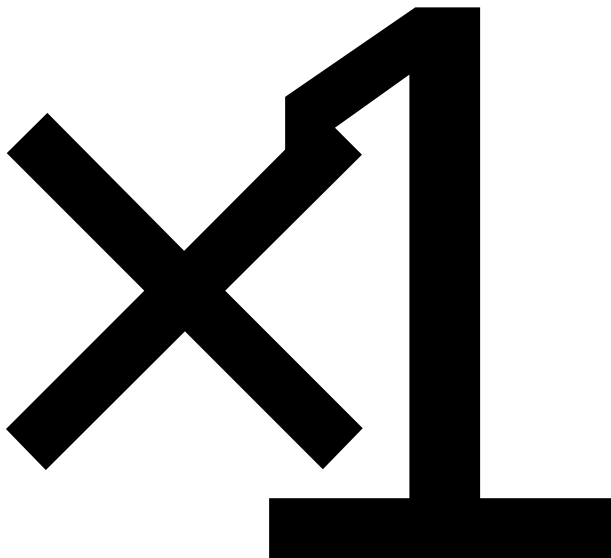
IP 2 APN 2 PC 1 Web 1 IP 5G APN DMZIP 5G IPv4

TCP UDP ICMP

5G

Lierda®

8-



Port forward - 未命名

系统设置

名称

未命名

协议

TCP UDP

目标端口

指定需要转发的Wan目标端口

内网IP地址

(空)

转发输入数据到指定内网IP

内网端口

转发输入数据到指定内网IP的端口

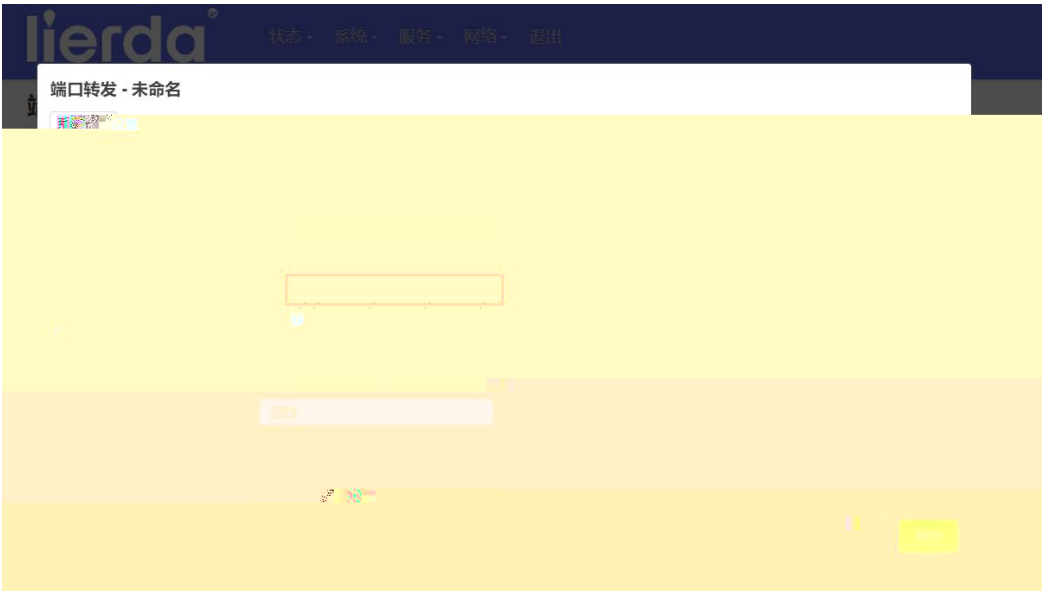
取消

保存

8-50



8-51

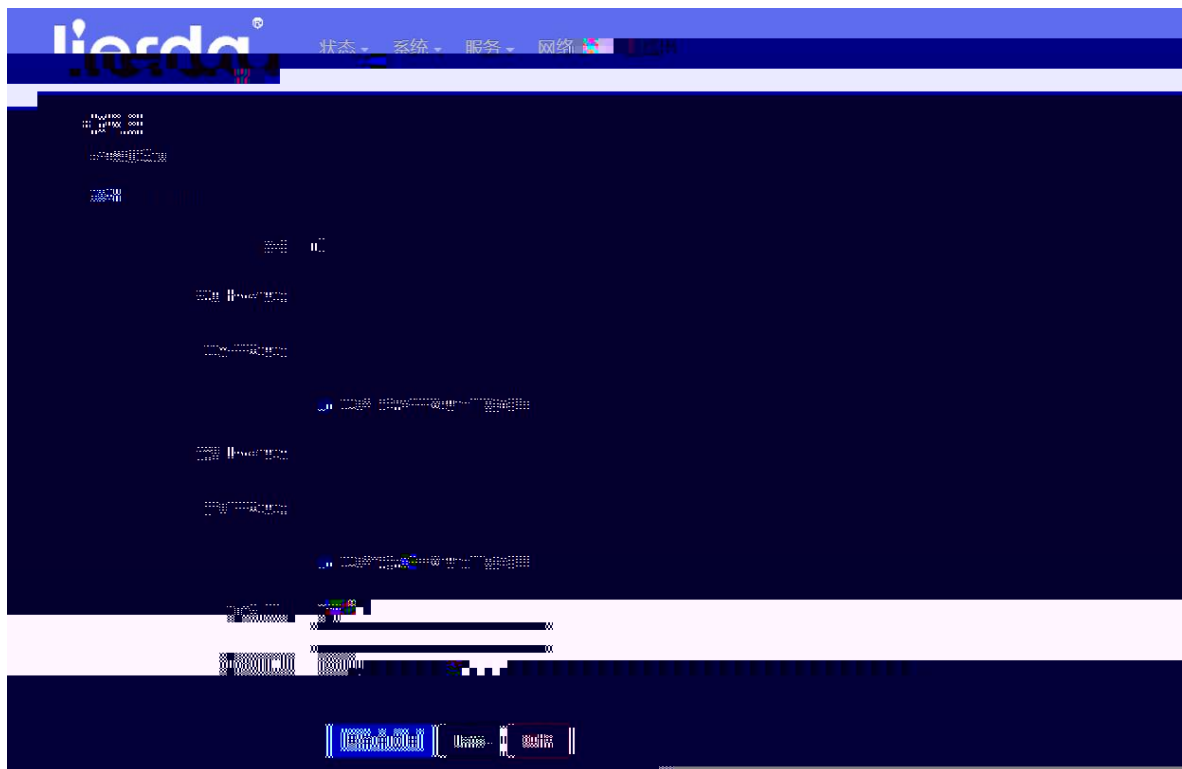


8-52

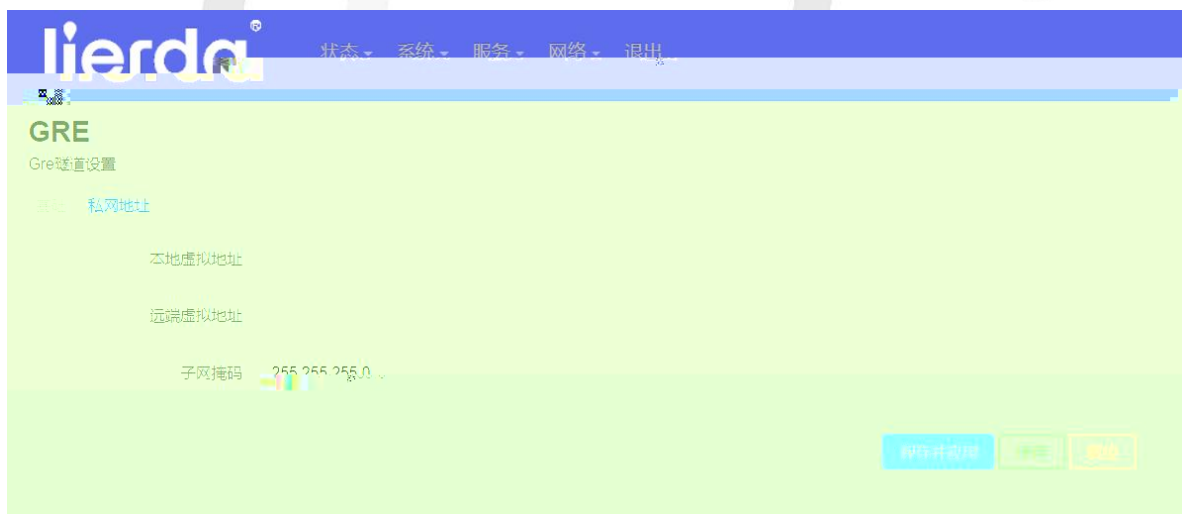


8-53

“ ” IPv4 “ ”  
GRE



8-54



8-55

“ ” web





lierda®

状态 ▾ 系统 ▾ 服务 ▾ 网络 ▾ 退出

### 需要授权

请输入用户名和密码

用户名

admin

密码

登录

复位

Lierda®

!

“

”

EA\_Service@lierda.com

0571-88800000

<http://www.lierda.com>

<http://bbs.lierda.com>

1326

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