WARNING

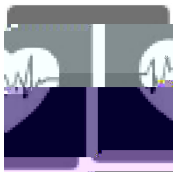
Lierda®

/

5G

RF

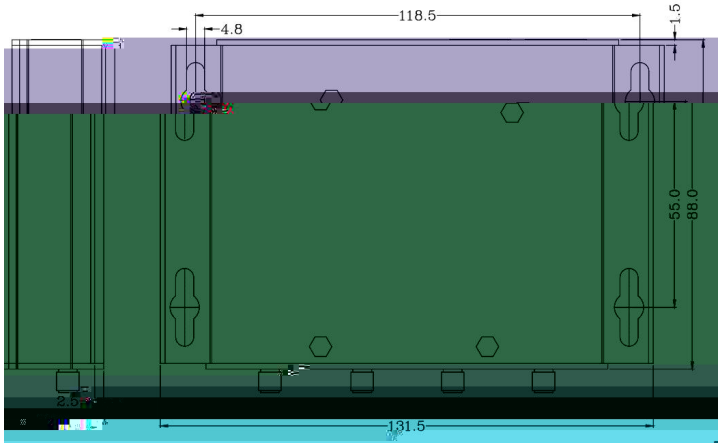
SIM



1.
2.
3.
    3.1
    3.2
4.
5.
6.
7.
8. WEB
    8.1 Web
    8.2 Web
    8.3
    8.4
    8.5

Lierda®

Φ
Φ



3-2 mm

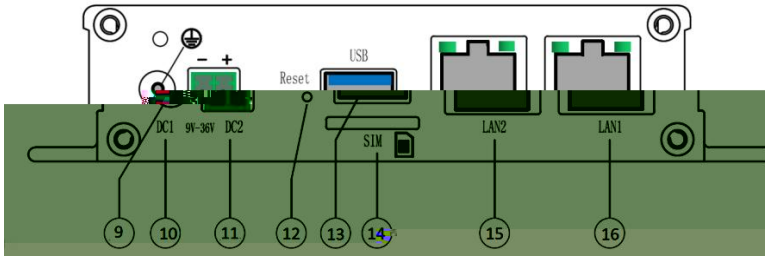
Dongle 5G CPE

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

LTE	LTE-FDD B1/B3/B5/B8 LTE-TDD B34/B38/B39/B40/B41 LTE: UL 2CA: 40C, 41C 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 5G NR SA n1/n28/n41/n77/n78/n79 5G NR 4x4 MIMO n1/n41/n77/n78/n79 5G NR NSA n41/n78/n79
LTE	LTE-FDD B1/B2/B3/B5/B7/B8/B20/B28 LTE-TDD B34/B38/B39/B40/B41 LAA - 2 × 2 MIMO B1/B2/B3/B5/B7/B8/B20/B28/B34/B38/B39/B40/B41
UMTS	WCDMA B1/B2/B5/B8



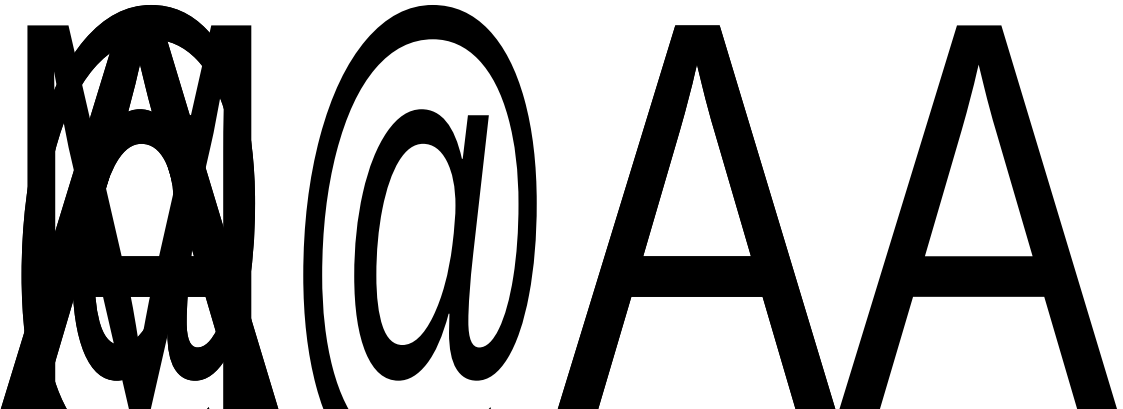
6-1

6-1

Lierda®

1 4 SMA SMA

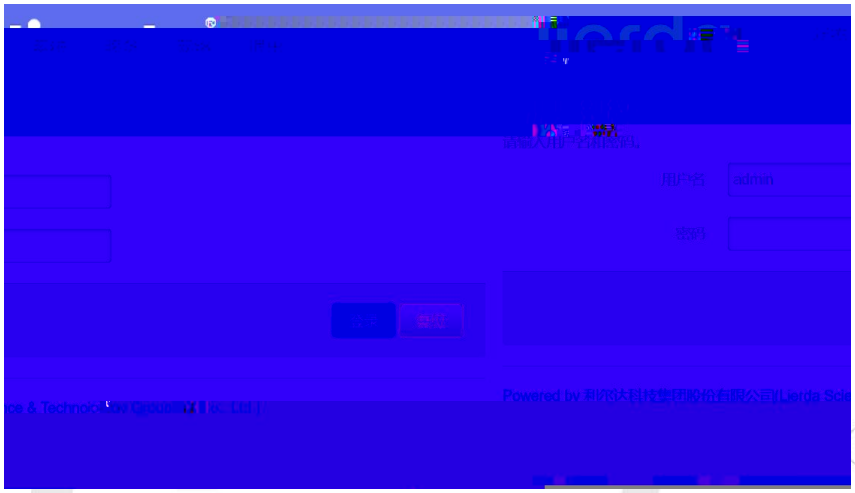
Lierda®



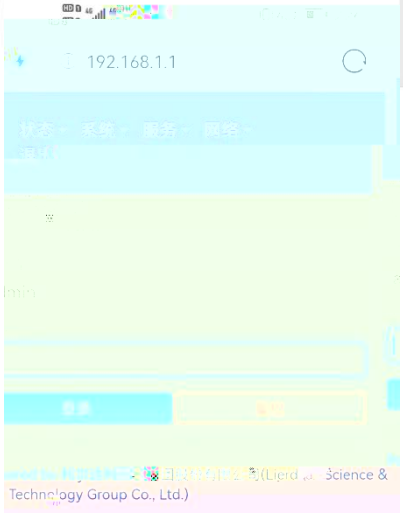
1) 5GDataTerminal sim

2) 5GDataTerminal LAN 5GDataTerminal WIFI

“http://192.168.1.1” web “admin”, “admin” 8-1 8-2



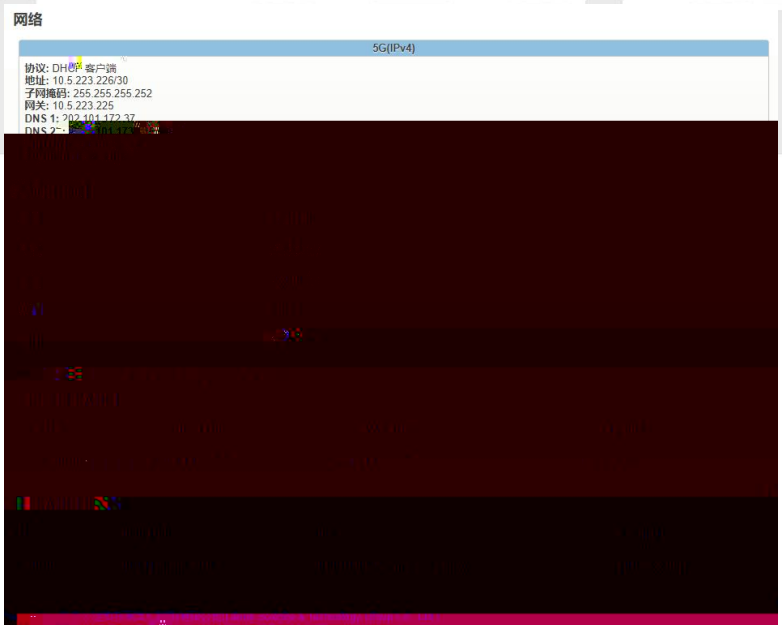
8-1



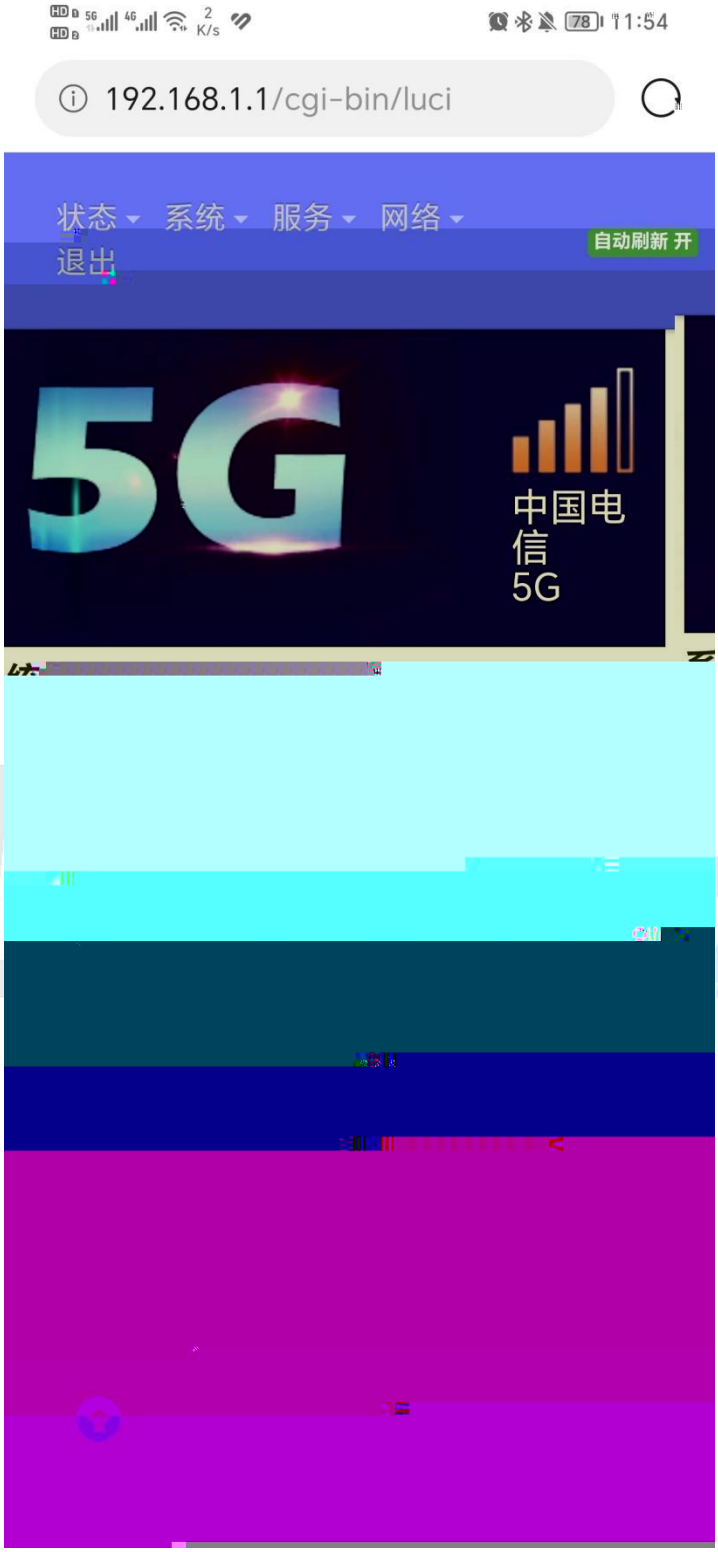
8-2

lierda
状态
系统
服务
网络
退出
自动刷新 开
5G
中国电信
5G
系统
型号
TE
固件版本
5G_DTU master 7.0.0_RC2.6
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
860839050277011
IMSI
460110195470118
PLMN
46011
ARFCN
633984
Cell_ID
20143583619
PCI
464
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(IPv4)
协议: DH
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

8-4



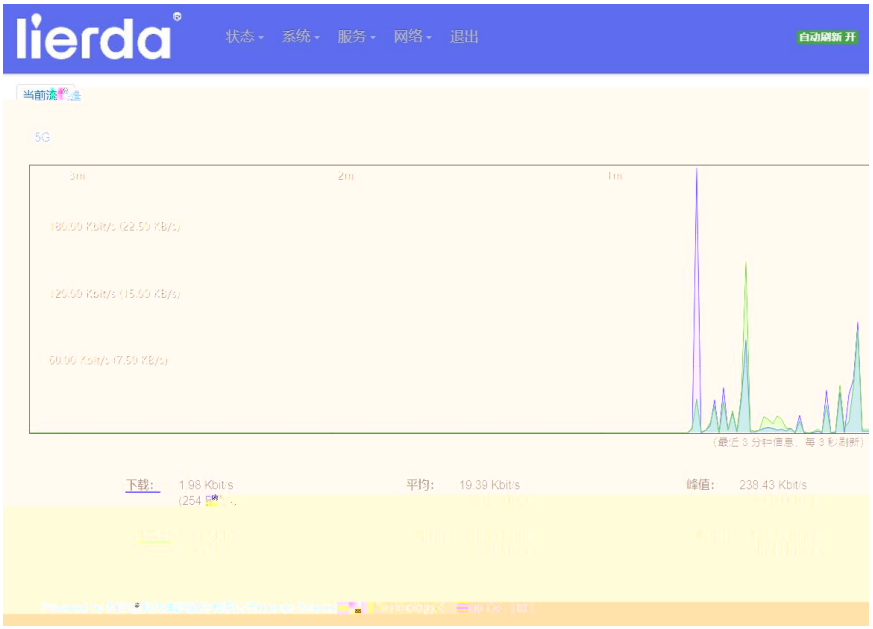
8-5

NR+LTE 5G 5G

5G 4G

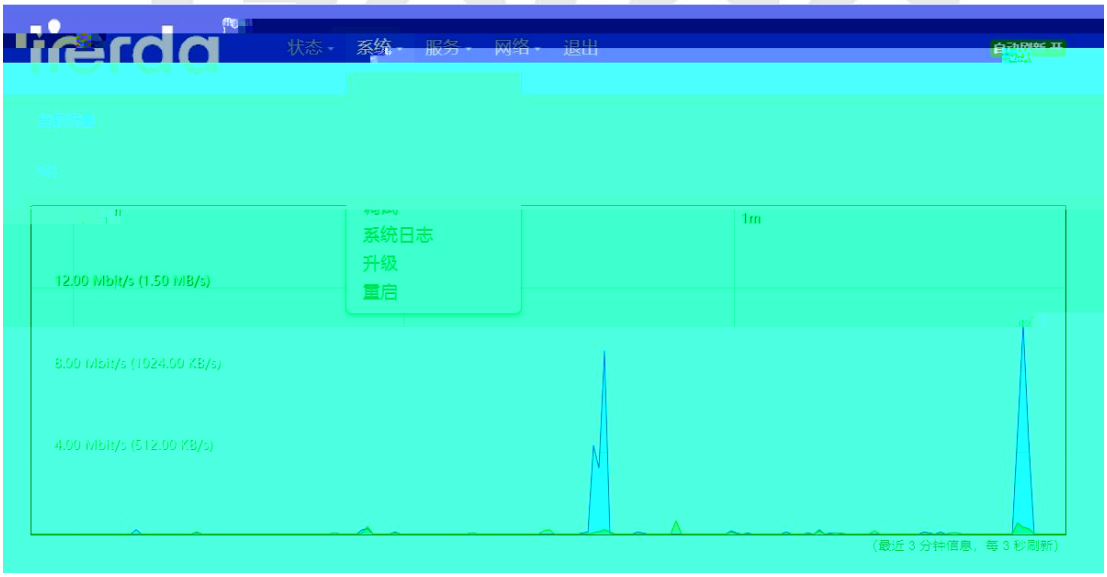
5G

“ ” “ ” 5GDataTerminal



8-6

“ ” “ ” “ SSH ” “ Web ” “ ” “ ” “ ” “ ” “ ” 8



8-7

“ ” “ ” “ ” “ ” “ OTA ”

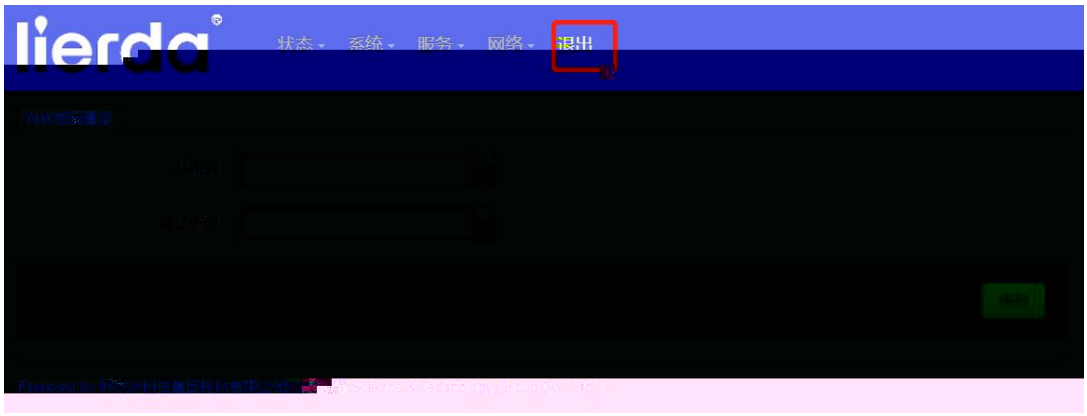
8-11

OTA

OTA OTA

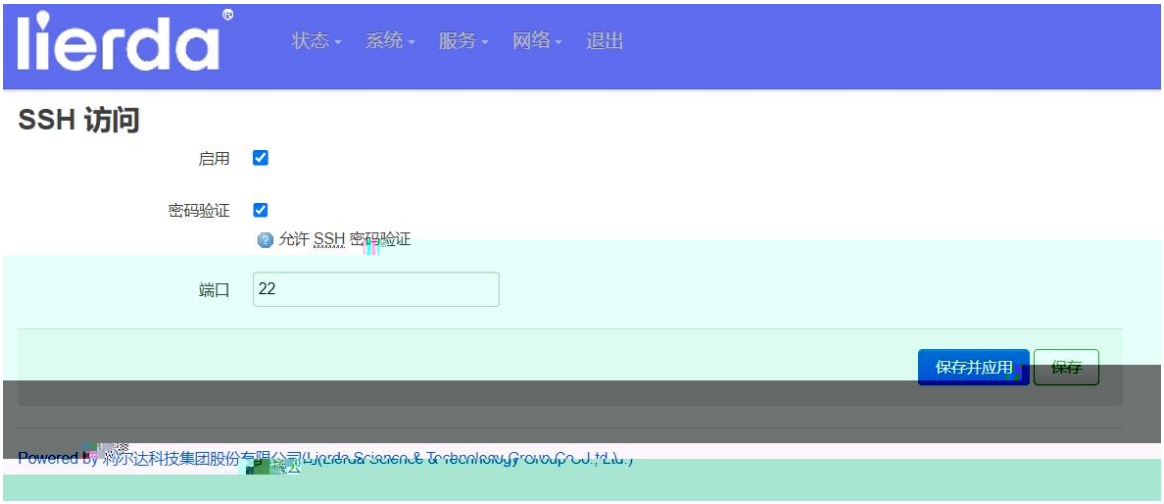
8-12

web



8-14

SSH SSH SSH

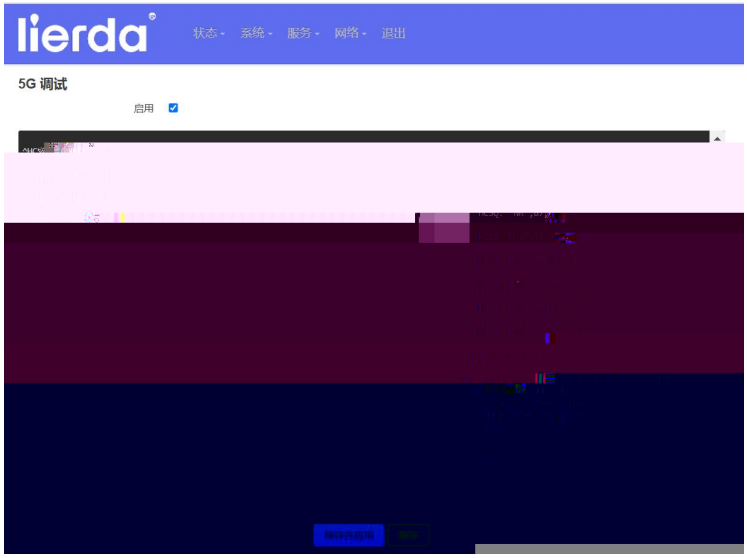


8-15

APN 5GDataTerminal PC IP

5G IPv4 5GDataTerminal Web

8-16



8-19

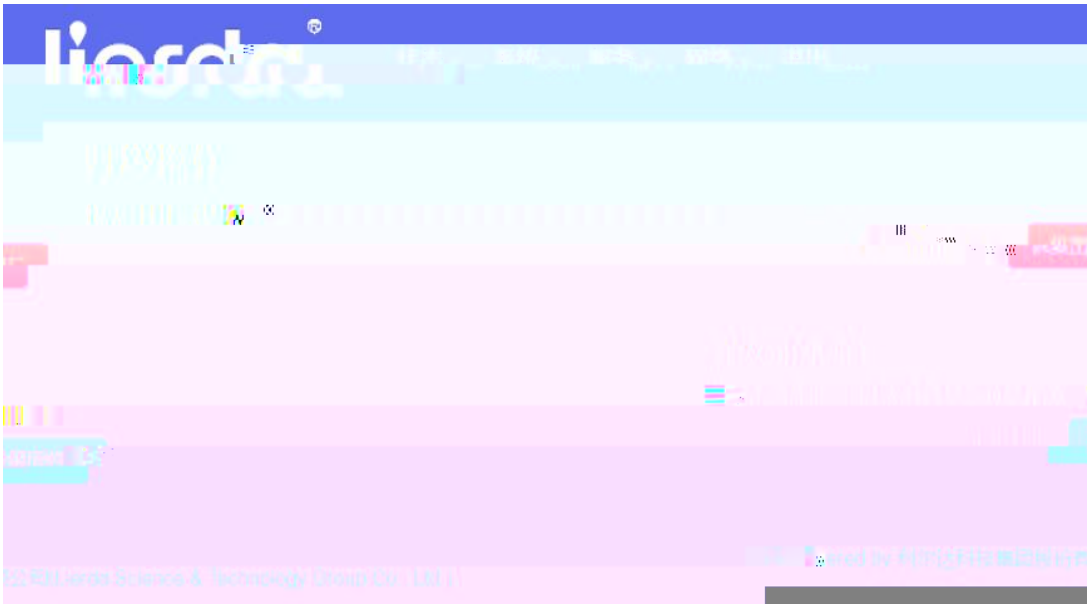
log

8-20

“ ” “ ”

“ ” 5GDataTerminal

“ … ” “ … ” PC

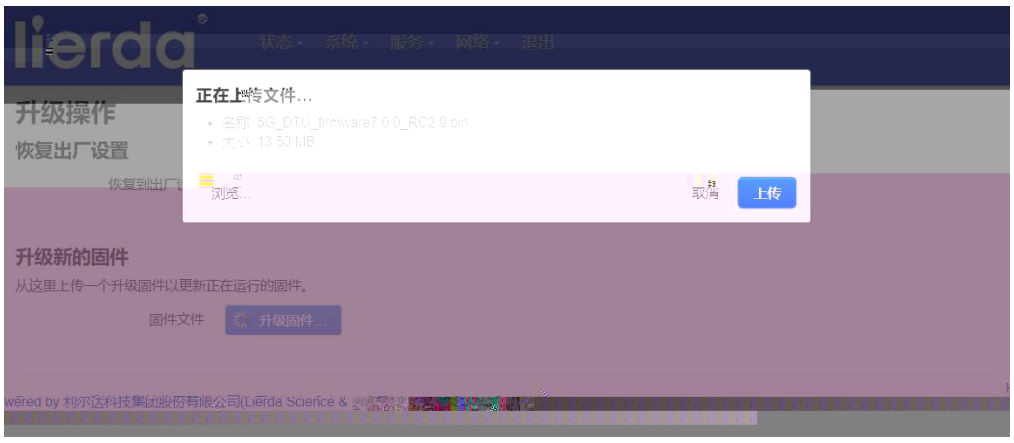


8-21

lierda
状态
系统
服务
网络
退出
升级操作
恢复出厂设置
恢复到出厂设置
恢复出厂
正在上传文件...
请选择要上传的文件。
浏览...
取消
上传
升级新的固件
从这里上传一个升级固件以更新正在运行的固件。
固件文件
升级固件...
Powered by 利尔达科技集团股份有限公司(Lierda Science & Technology Group Co., Ltd.)

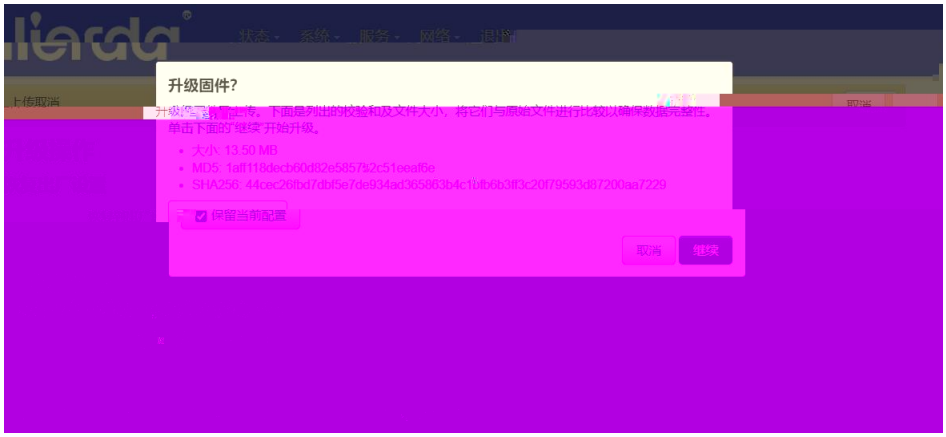
8-22

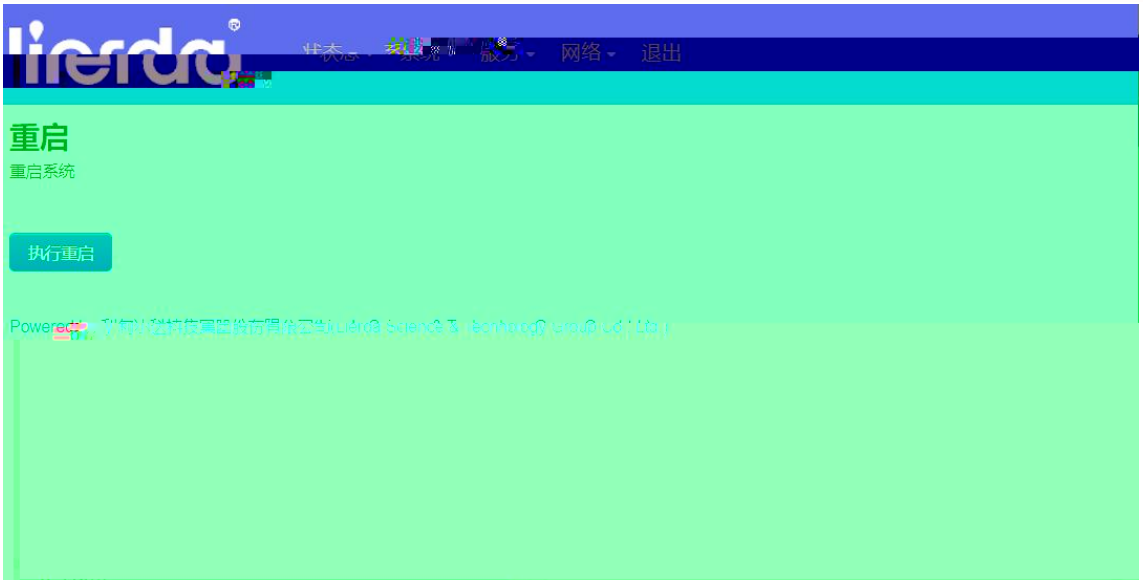
“ ”


lierda
状态
系统
服务
网络
退出
升级操作
恢复出厂设置
恢复到出厂
正在上传文件...
名称: 5G_DTU_firmware7.0.0_RC2.9.bin
大小: 13.50 MB
浏览...
取消
上传
升级新的固件
从这里上传一个升级固件以更新正在运行的固件。
固件文件
升级固件...

8-23

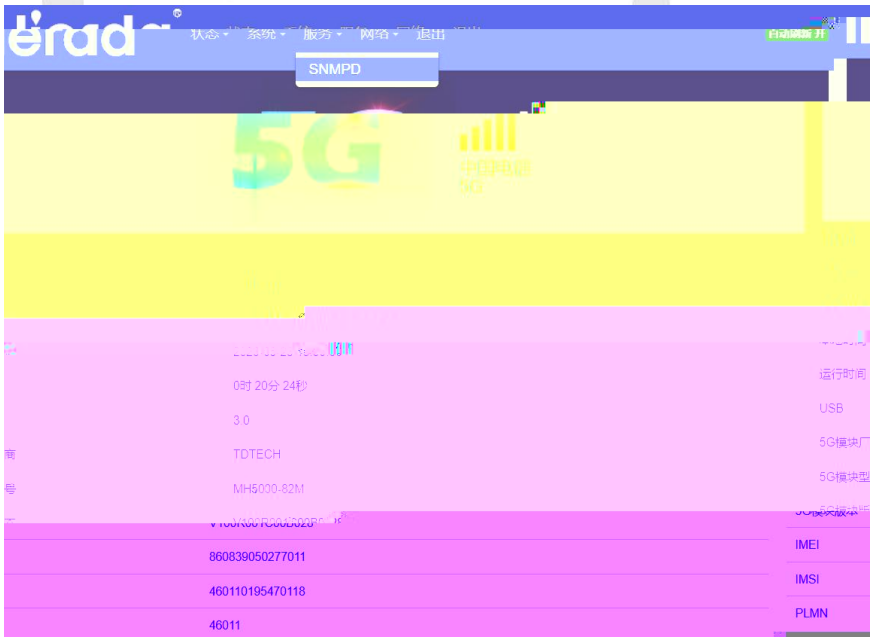
“ ” “ ”


升级固件?
保留当前配置
取消
继续



8-26

SNMPD



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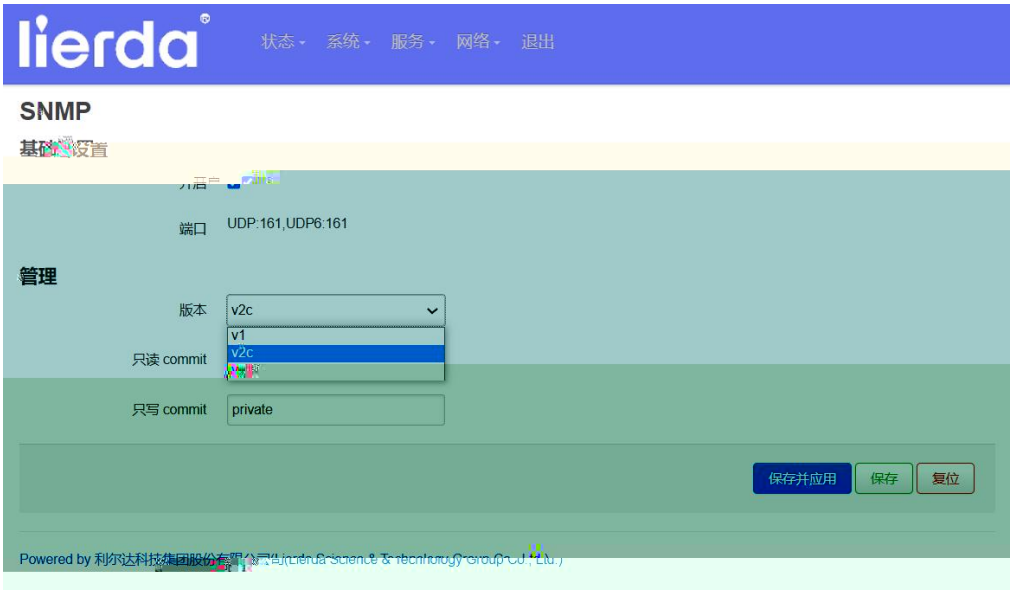
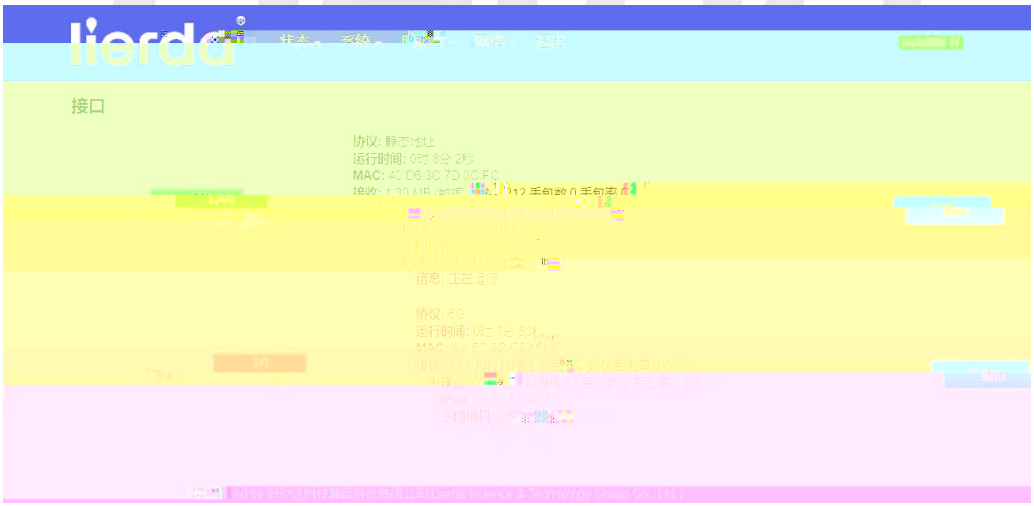


8-28

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

7



8-29

LAN

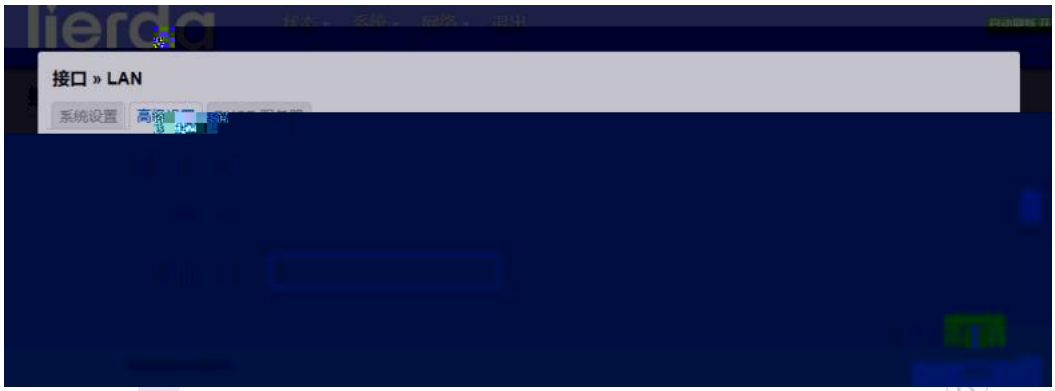
IPV4 5GDataTerminalLAN IP IP

10.0.0.0 10.255.255.255

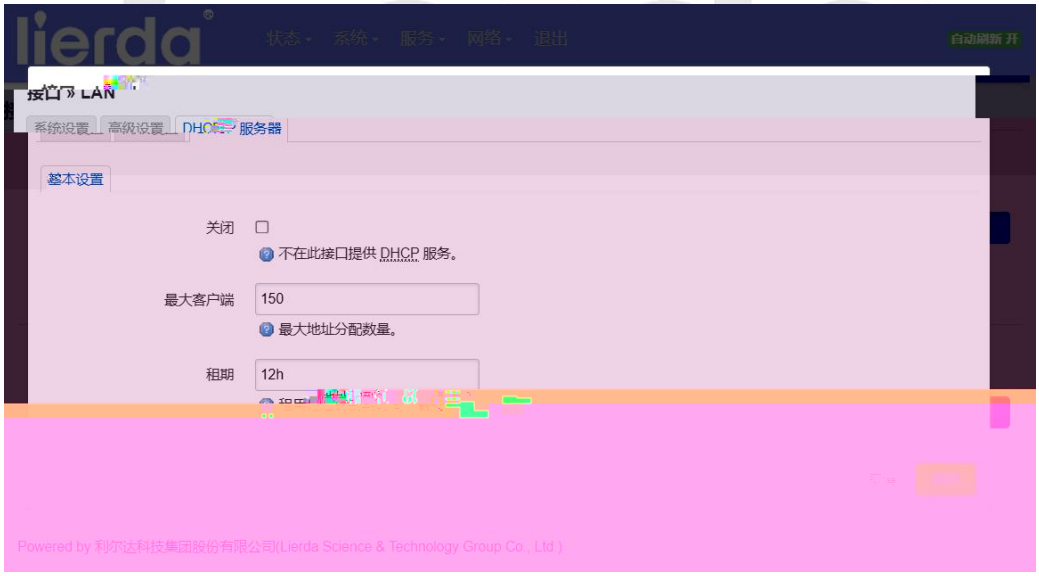
172.16.0.0 172.31.255.255

192.168.0.0 192.168.255.255

8-30



8-31



8-32

5G

8-33

1 NR 5G

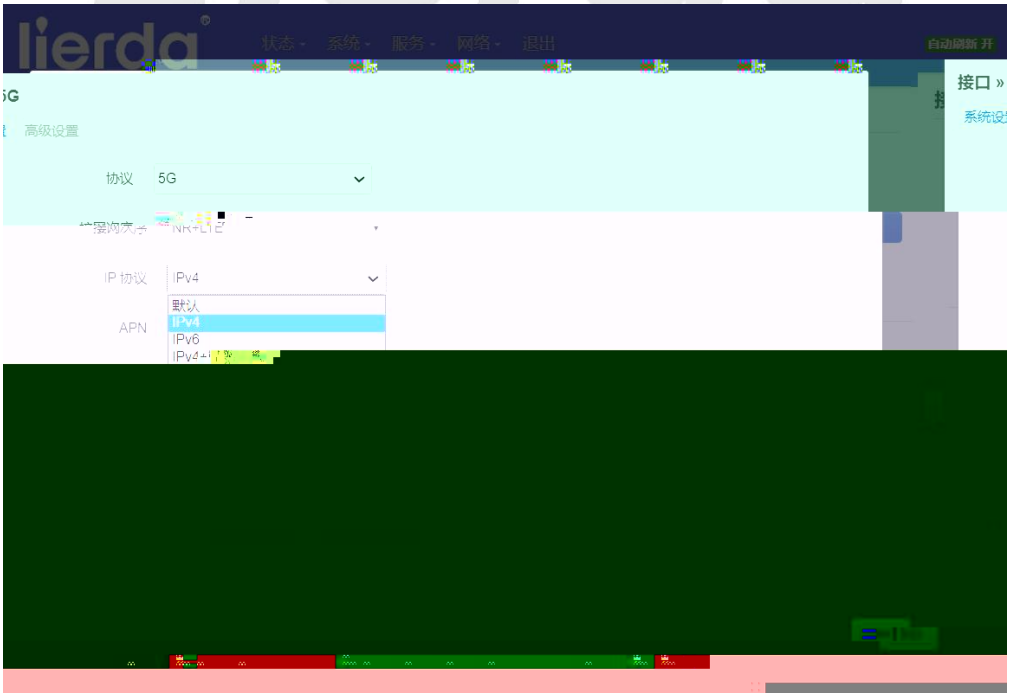
2 LTE 4G

3 NR+LTE 5G+4G 5G

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

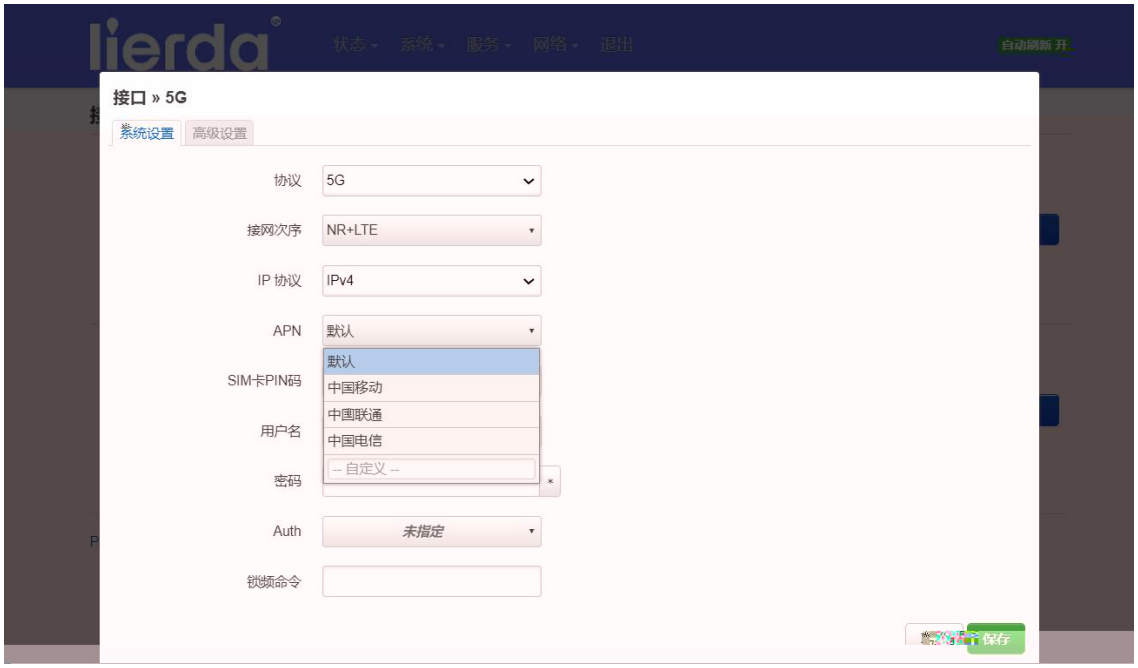
IP

IP ipv4 ipv4+ipv6 ipv6 ipv4+ipv6



8-34

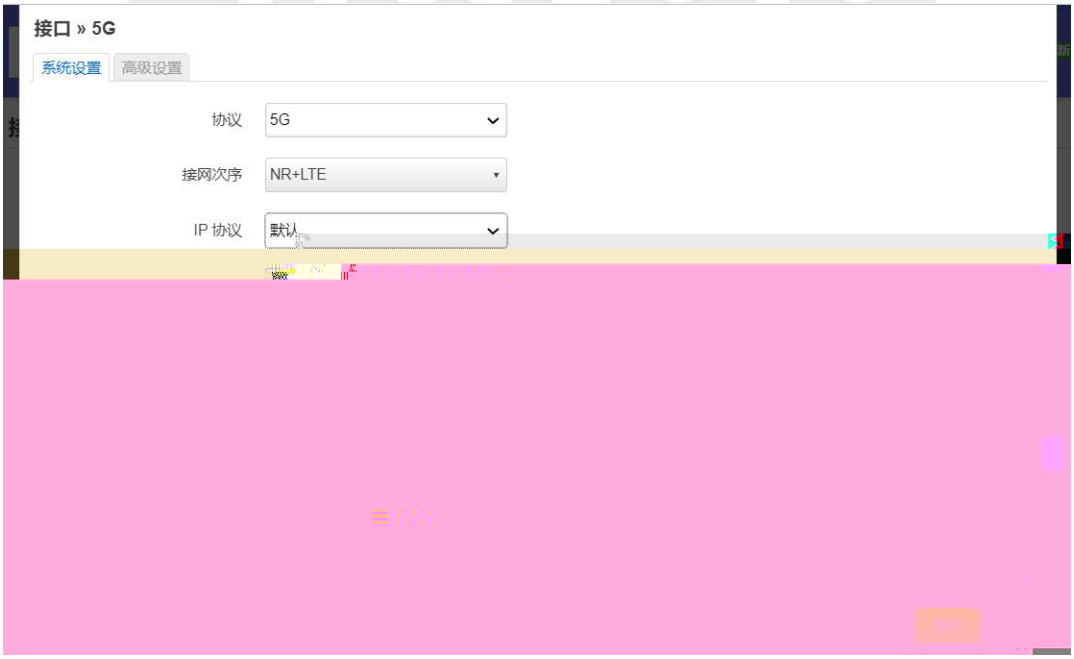
APN



8-35

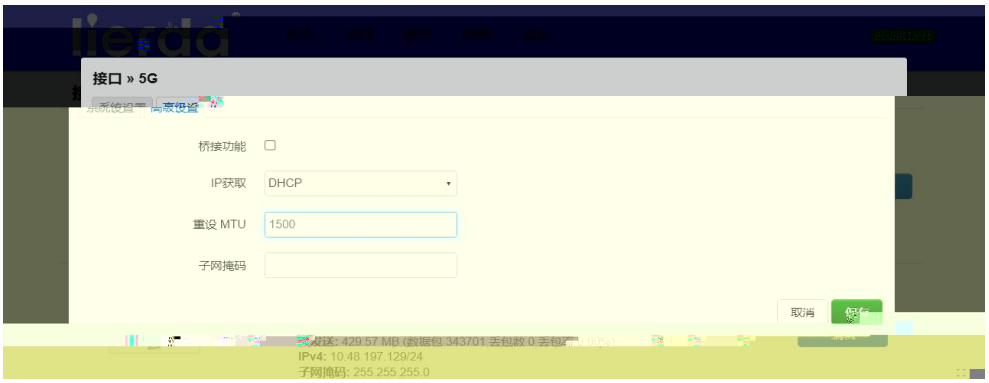
SIM PIN sim APN

QUECTELRG200U-CN&Rx500U-CNAT



8-36

5GIP MTU



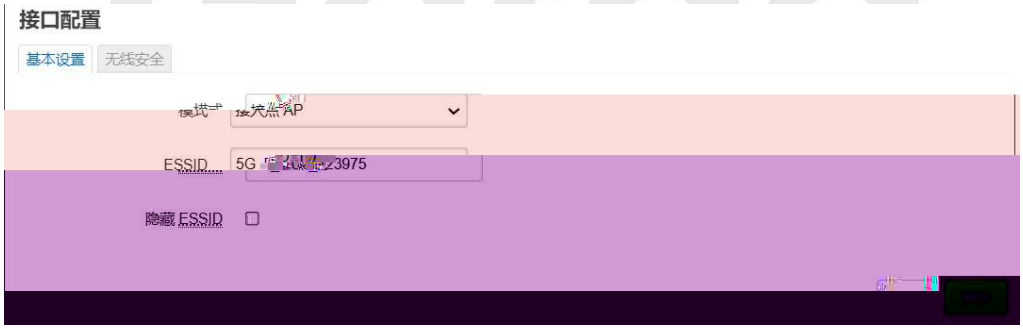
8-37

8-38

“ ” " 8WIFI

8-40

ESSID wifi ESSID



8-41

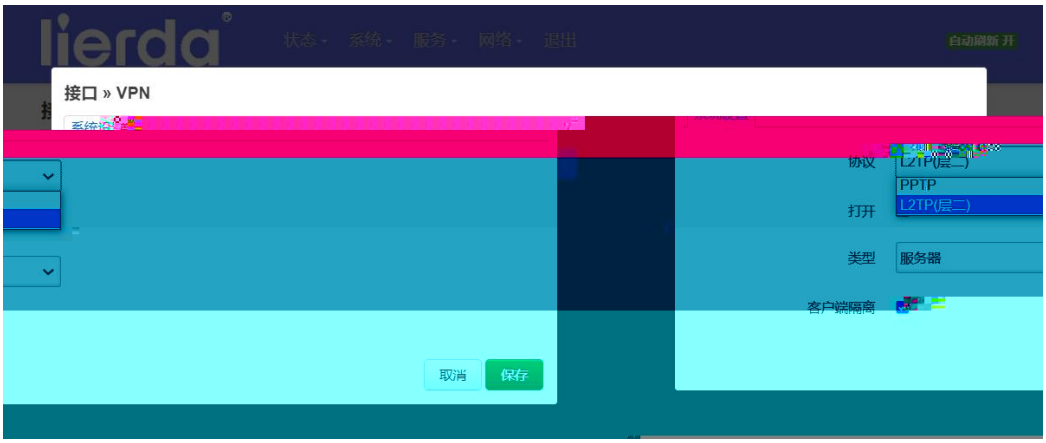
wifi CCMP

TKIP TKIP+CCMP wifi

www.lierda.com

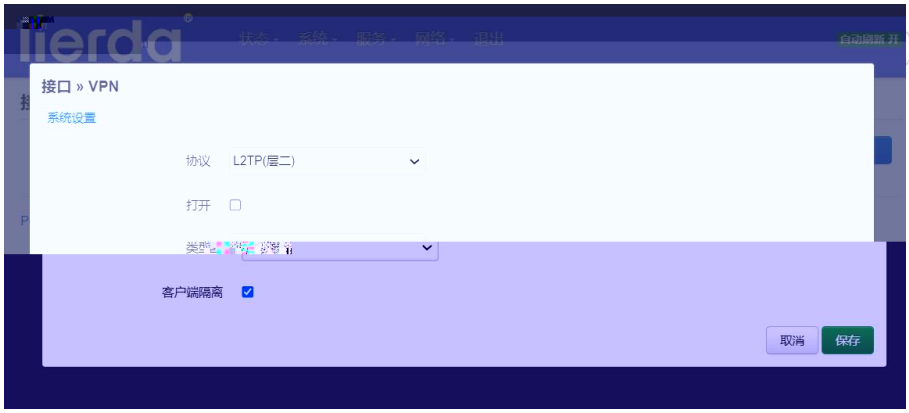
8-42

VPN PPTP L2TP( )



8-43

L2TP 5GDataTerminal



8-44

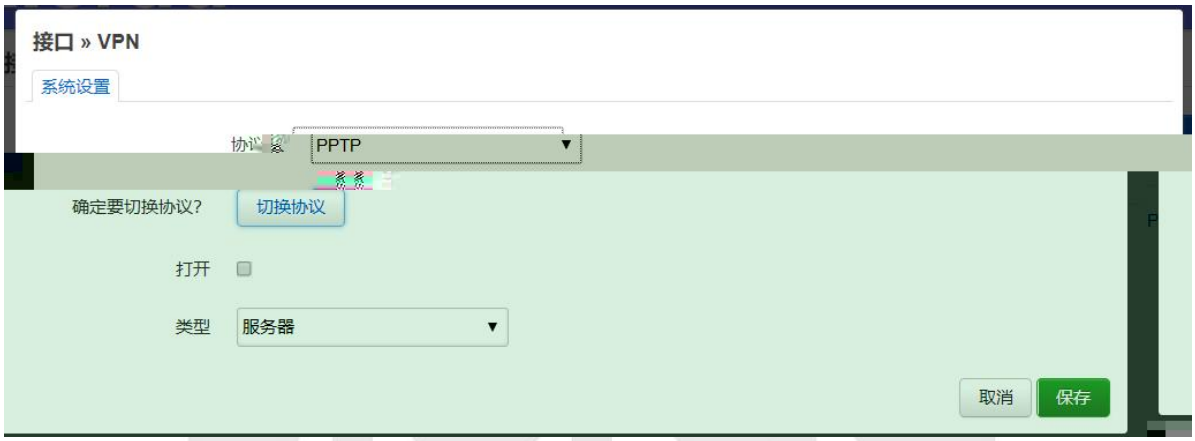
IP IP

5GDataTerminal 5G IP

VPN

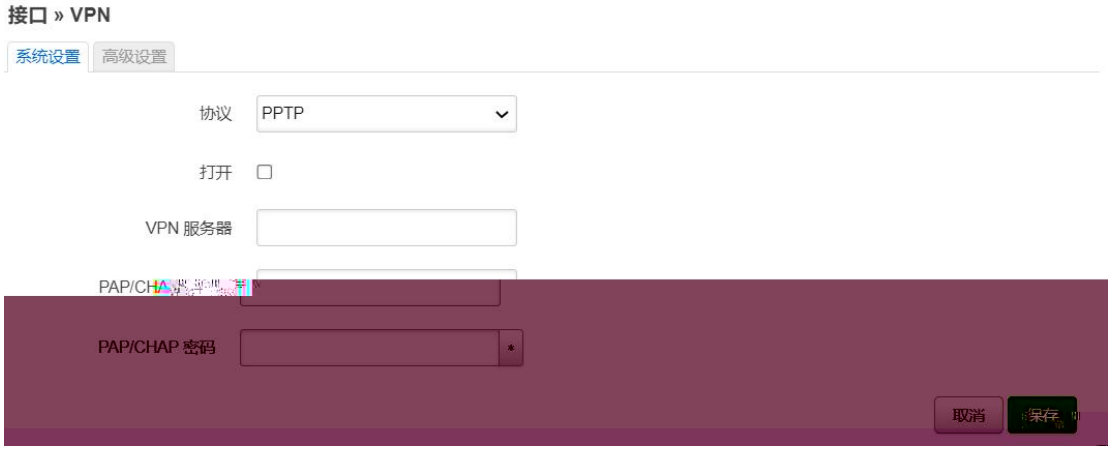
8-45

PPTP PPTP VPN PPTP “ ”



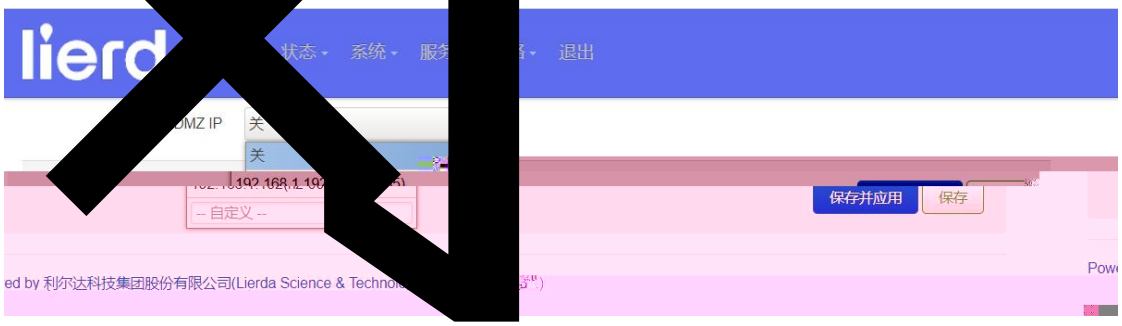
8-46

VPN



8-47

IP DMZ



8-48

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

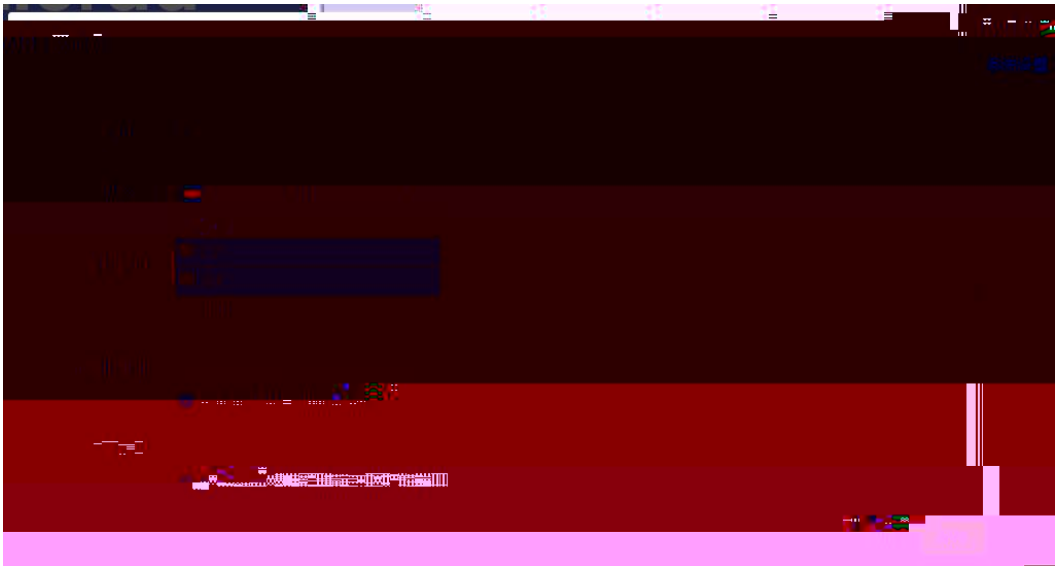
TCP UDP ICMP

5G

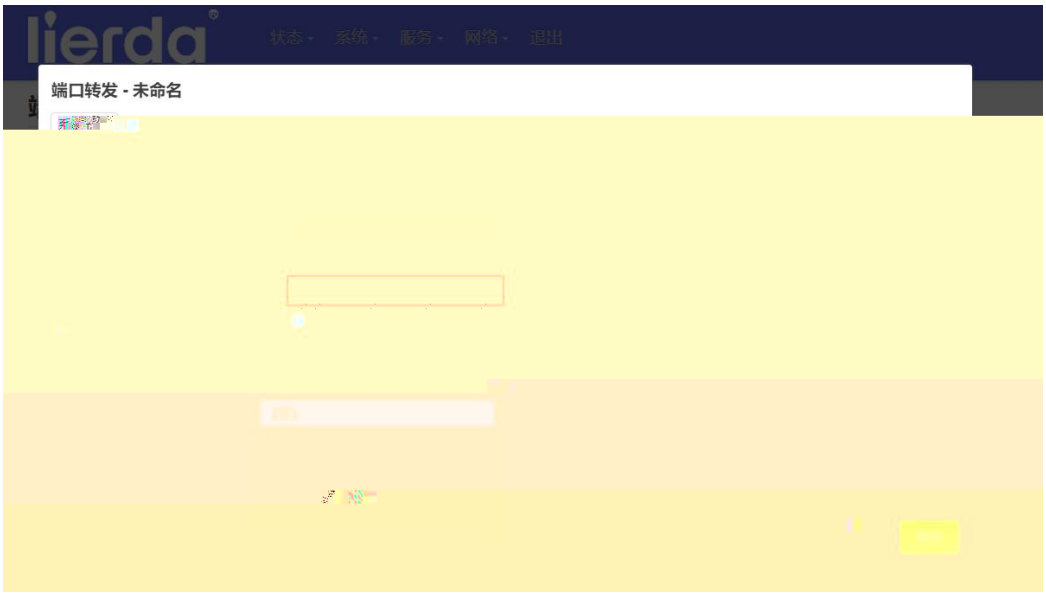
8-

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



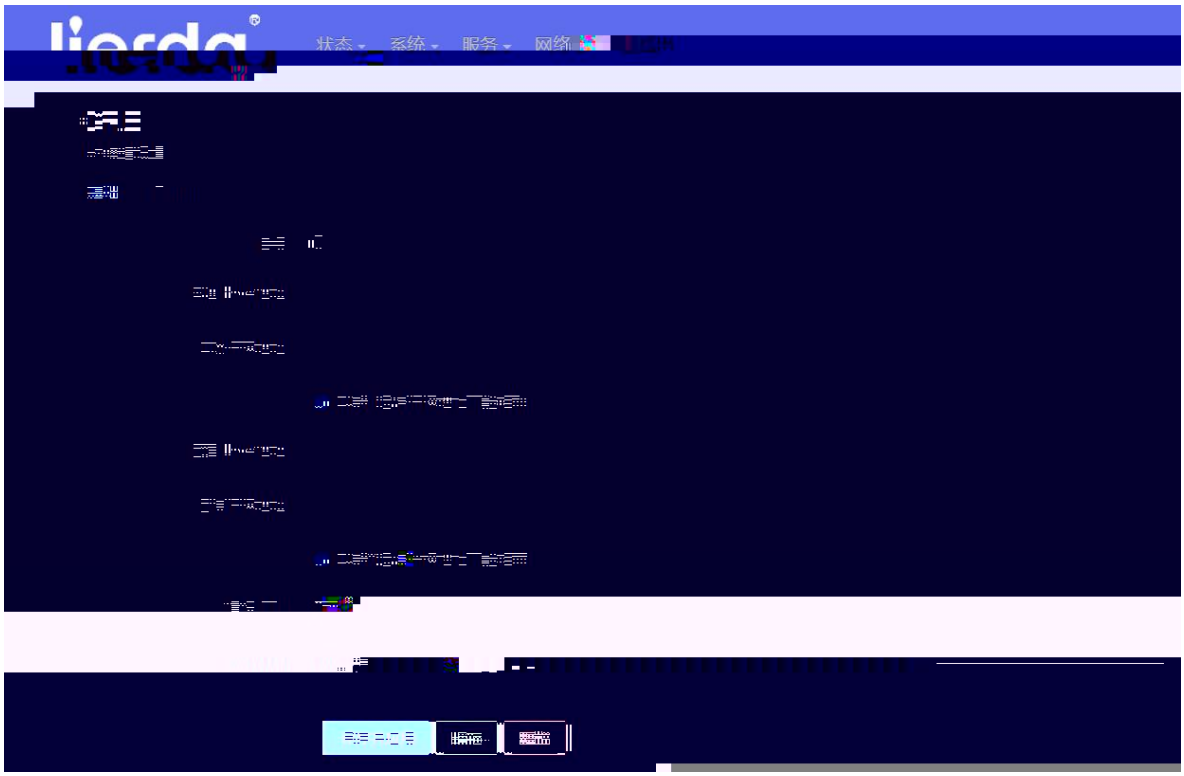
8-52

IP : www.baidu.com IPv4Ping

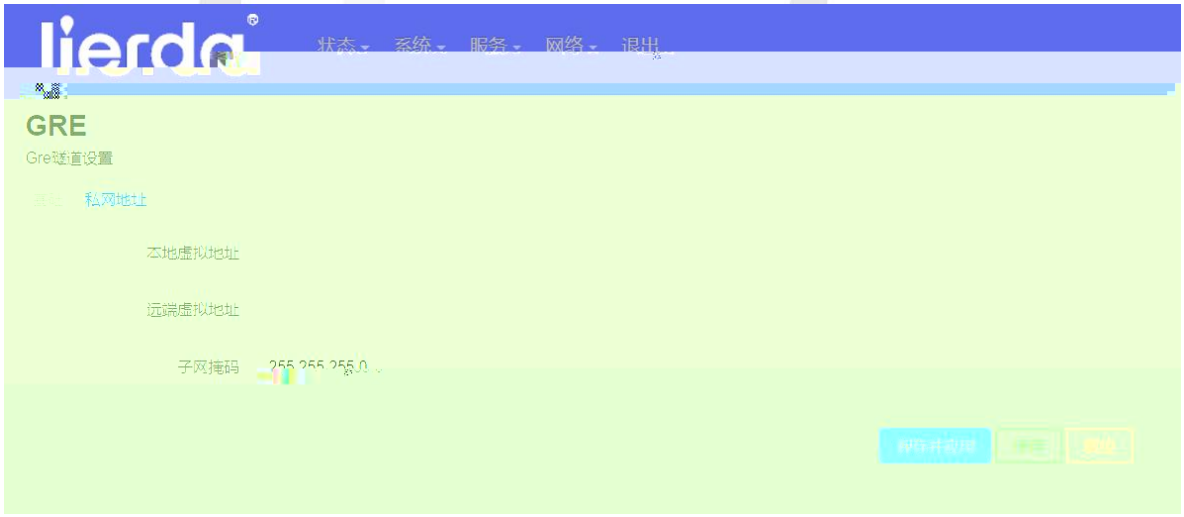
8-53

“ ” IPv4 “ ”

GRE



8-54


状态
系统
服务
网络
退出
GRE
Gre隧道设置
私网地址
本地虚拟地址
远端虚拟地址
子网掩码
255.255.255.0

8-55

“ ” web

状态
系统
服务
网络
退出

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

!

“ ”

EA_Service@lierda.com

0571-88800000

http://www.lierda.com

http://bbs.lierda.com

1326

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