

# RSR820-T

**V1.64**

**2022-06-30**

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**2.**

# 1

RSR820-T/RSR820-T(A) 32 RISC

RSR820-T/RSR820-T(A)

RSR820-T V1.1	TD-LTE(4G)	TD-SCDMA(3G)	GSM(2G)
RSR820-T V1.5\1.6		TD-LTE(4G)	FDD-LTE(4G)
TD-SCDMA(3G)	WCDMA(3G)	GSM(2G)	
RSR820-T(A) V1.0\1.1		TD-LTE(4G)	FDD-LTE(4G)
TD-SCDMA(3G)	WCDMA(3G)	CDMA2000(3G)	GSM(2G)
CDMA1x(2G)			

## 1.1 RSR820-T

	RSR820-T/RSR820-T(A)						
	5	LAN/WAN	1	console	RJ45	1	USB

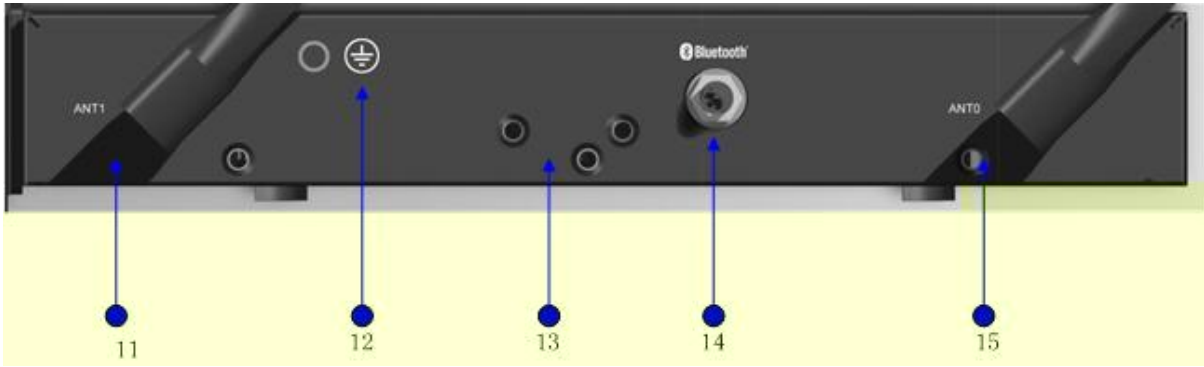
RSR820-T

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RSR820-T

RSR820-T/RSR820-T(A)

1-

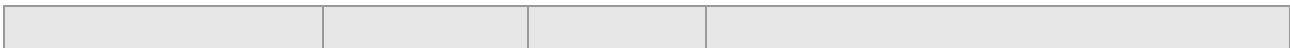


1	SIM		9	
2	FUNC		10	
3	RSSI		11	4G ANT1
4	SYS	/	12	
5	USB	USB	13	
6	Console		14	
7	GE0		15	4G ANT0
8	GE 1—4			

RSR820-T/RSR820-T(A)

100 240V 50~60Hz

12V 1.25A





- VRRP
- PPPOE
- DNS DDNS
- X-MODEM
- NAT ACL AAA
- IPSEC L2TP PPTP

## 1.2.2

## 1.2.3

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## 1.2.4

- DEBUG
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- SNMP

- NAT
- IPSEC/IKE
- GRE
- VLAN

## 1.2.6

- X-MODEM ( Windows XP Windows NT UNIX DOS )  
Console
- TFTP
- BOOTROM  
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## 2

### 2.1

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UPS

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### 2.2

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### 2.2.1 /

RSR820-T/RSR820-T(A)

- -10 ~60
- 10%~90%



1.5m

0.4m



### 2.2.2

	0.5	1	3	5
( )	1.4×10 <sup>7</sup>	7×10 <sup>5</sup>	2.4×10 <sup>5</sup>	1.3×10 <sup>5</sup>

SO<sub>2</sub> H<sub>2</sub>S NO<sub>2</sub> NH<sub>3</sub> Cl<sub>2</sub>

	mg/m <sup>3</sup>	mg/m <sup>3</sup>
SO <sub>2</sub>	0.2	1.5
H <sub>2</sub> S	0	0.03
NO <sub>2</sub>	0.04	0.15
NH <sub>3</sub>	0.05	0.15
Cl <sub>2</sub>	0.01	0.3

### 2.2.3

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- 1)
- 2)
- 3)
- 4)
- 5)
- 6)

### 2.2.4

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### 2.2.5

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### 2.2.6

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18

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### 2.2.7

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## 2.3

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RSR820-T/RSR820-T(A)

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- HUB
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PC



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### 3.2.1

30mm

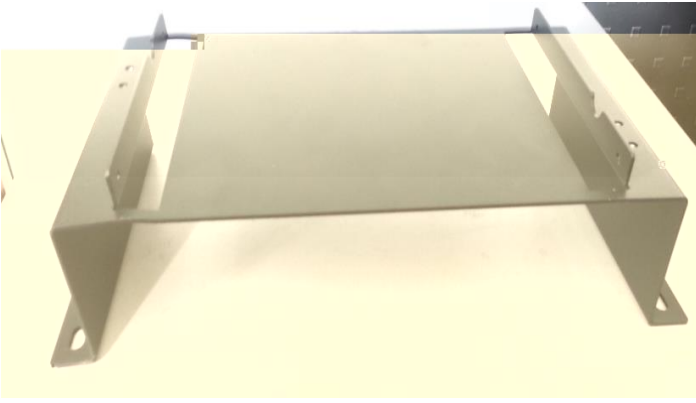
2

"

3-1

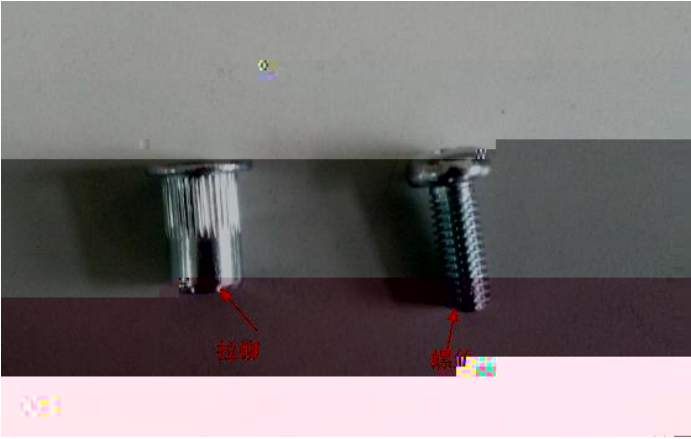
### **3.2.3**

19



3-4



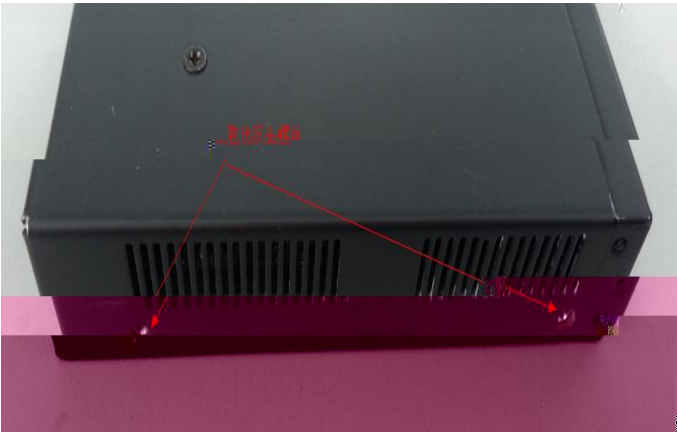


RSR820-T/RSR820-T(A)

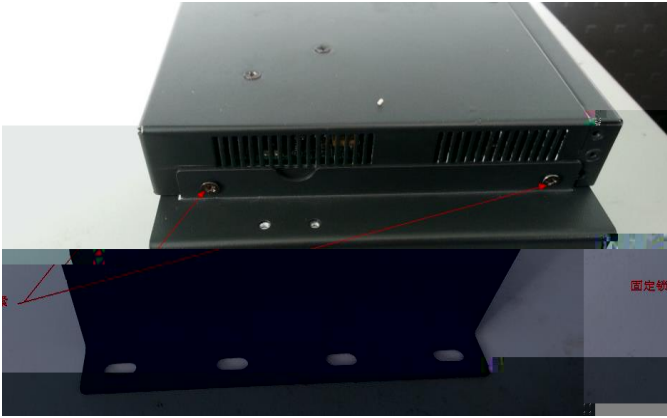
2

3-7

3-7 RSR820-T/RSR820-T(A)



RSR820-



2

3-10

3-10

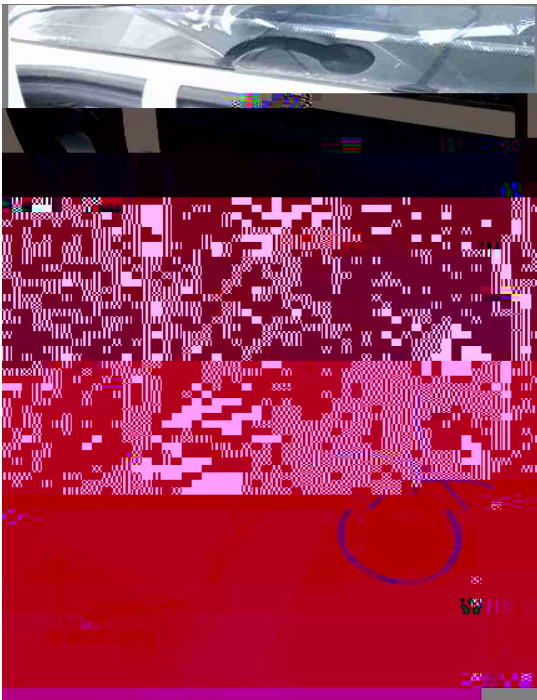


3-11

4

3-12

3-11



3-12





3-14

2 4G

3-14

4G



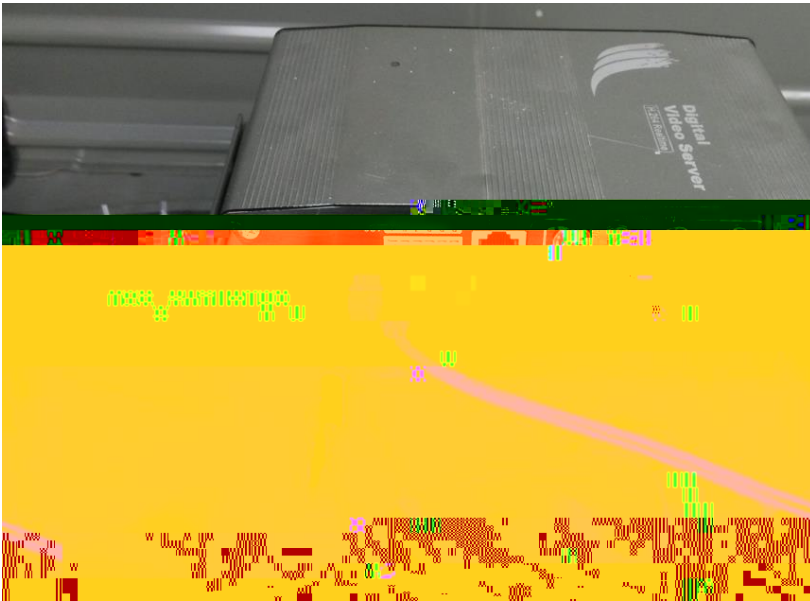
DC

3-4

DC

3-15

3-15 DC






### 3.3

2 4G

ANT0 ANT1 1

Bluetooth

5

		
		<p>3m</p> <p>ATM</p>
		<p>/</p> <p>4G/</p>

### 3.4

RSR820-T/RSR820-T(A)

AC: 100~240V 50-60Hz

DC: 12V/1.25A



### 3.5

EIA/TIA-232

Console

	RJ-45
	EIA/TIA-232
	9600bps
	1
	2

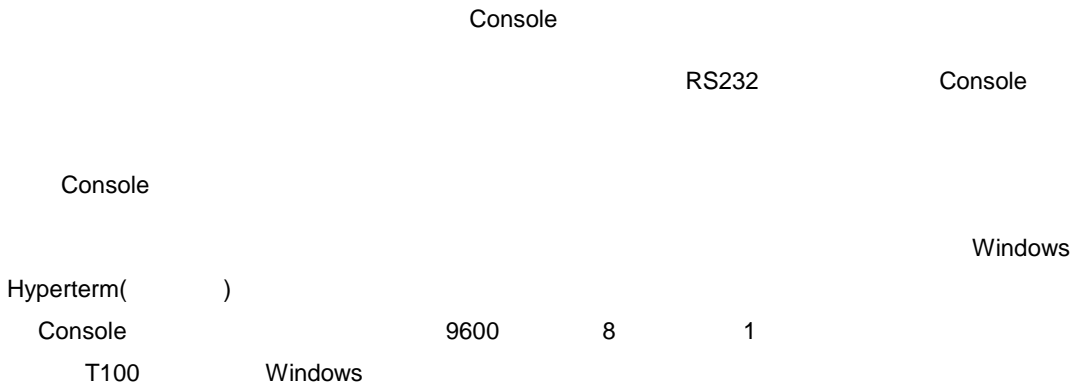
RJ45

DB-9

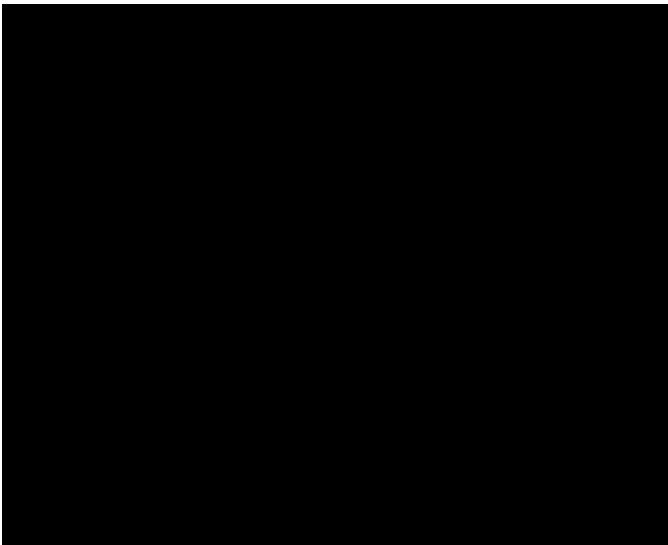
# 4

## 4.1

### 4.1.1

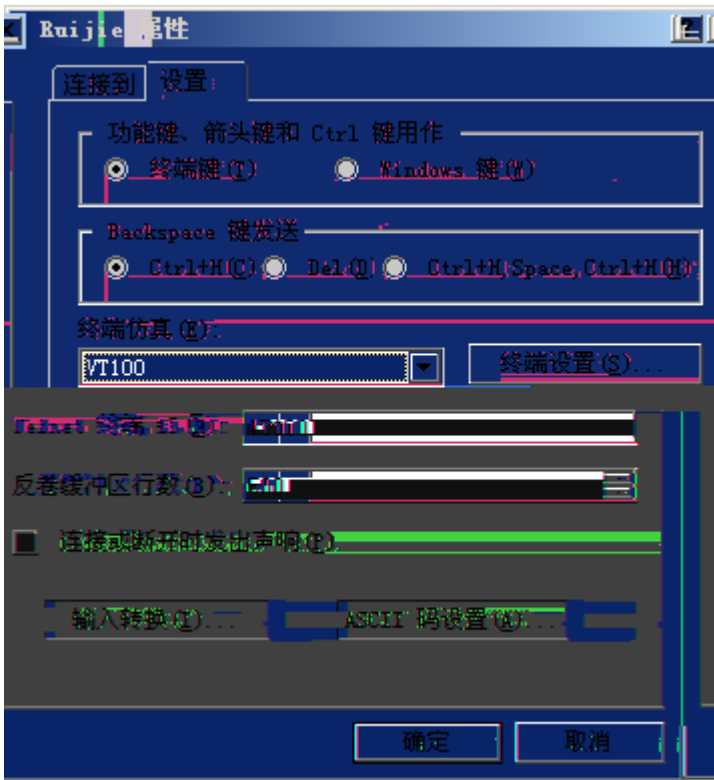


4-1



4-2 Console





## 4.2

### 4.2.1

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### 4.2.2

### 4.2.3

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Neither Decompiling Nor Reverse Engineering Shall Be Allowed.

\*Jan 1 00:54:20: %MTD\_DRIVER-5-MTD\_NAND\_FOUND: 1 NAND chips(chip size : 134217728) detected

\*Jan 1 00:54:38: %DEVICE-5-CHANGED: Device RSR820-T (1) changed state to up.

\*Jan 1 00:54:38: %USB-5-MODEM\_FOUND: Modem <XXXX> bind with tty 1.

\*Jan 1 00:55:24: %SYS-5-WARMSTART: System coldstart.

## 5

### 5.1

RSR820-T/RSR820-T(A)

SYS

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SYS

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### 5.2

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VT100

9600

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