

# RG-MAP852-A(V3)

**V1.2**

**2025-06-04**

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2.

	.....	1
1	.....	1
1.1	.....	1
1.2	.....	1
1.3	.....	3
1.4	.....	4
1.4.1	.....	4
1.4.2	.....	4
1.4.3	.....	5
1.4.4	.....	5
1.4.5	.....	6
1.5	.....	6
2	.....	0
2.1	.....	0
2.1.1	.....	0
2.1.2	.....	0
2.1.3	.....	0
2.1.4	.....	1
2.2	.....	1
2.2.1	.....	1
2.2.2	.....	1
2.2.3	.....	1
2.2.4	/ .....	1
2.2.5	.....	1
2.2.6	.....	2
2.2.7	.....	2
2.2.8	.....	2
2.3		



6.2.4	.....	8
6.2.5	.....	9
6.2.6	.....	9
6.2.7	.....	9
7	.....	10
7.1	.....	10
7.2	.....	12

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# 1

## 1.1

RG-MAP852-A(V3)

RG-MAP852-A(V3)		802.11ax		2.4G	575Mbps
5G	2.400Gbps			2.975Gbps	
5		4	LAN	1	WAN

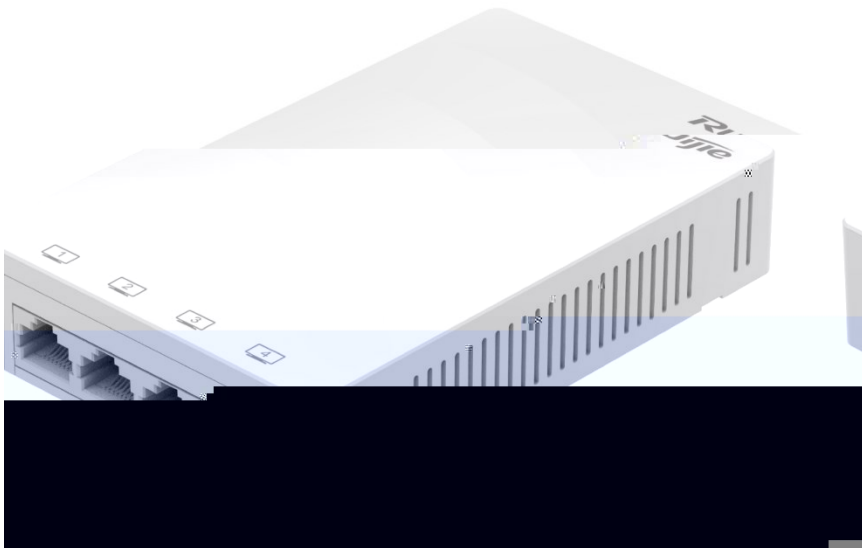
RG-MAP852-A(V3)

## 1.2

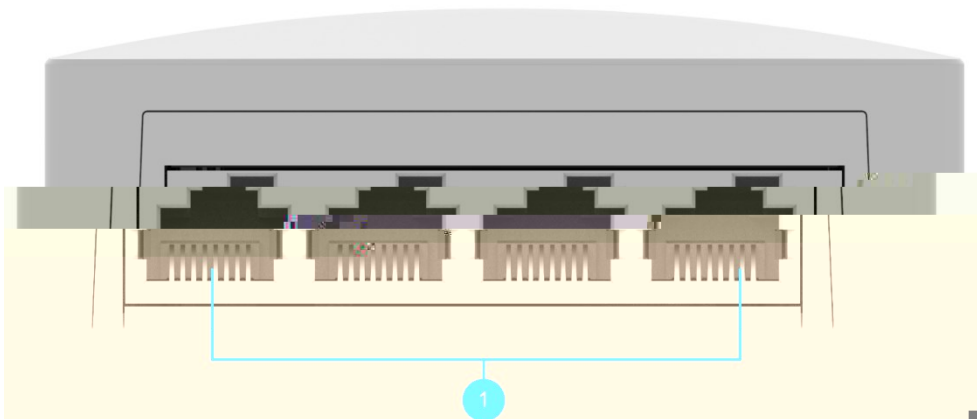
RG-MAP852-A(V3)	2	5	10/100/1000Base-T	1	Micro USB C
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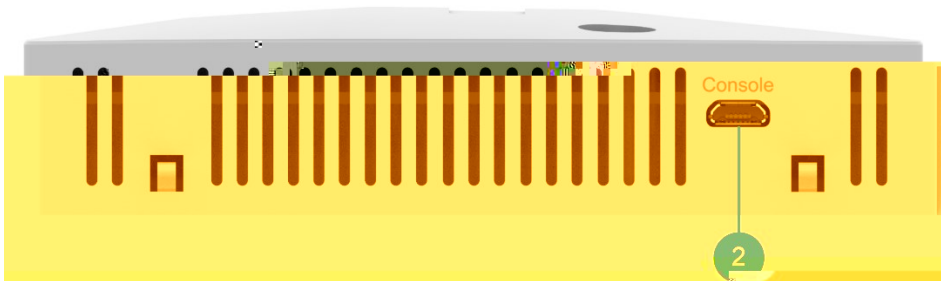
1-2



1-3



1-4



1-5



1-1

1	LAN		
2	Console		
3	WAN	PoE	IEEE802.3af 802.3at 802.3bt

1.3

1-2

1	RG-MAP852-A(V3)	1	
2	M4*40	2	
3		1	

---

## 1.4

### 1.4.1

1-3

	RG-MAP852-A(V3)
× ×	86mm×125mm×30mm
	0.3kg
	86

### 1.4.2

1-4

	RG-MAP852-A(V3)
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4

Radio1 2.4GHz 2 2×2 MU-

	RG-MAP852-A(V3)
	802.11b BPSK QPSK CCK 802.11a/g/n BPSK QPSK 16-QAM 64-QAM 256-QAM 802.11ac BPSK QPSK 16-QAM 64-QAM 256-QAM 802.11ax BPSK QPSK 16-QAM 64-QAM 256-QAM 1024-QAM
	802.11a -91dBm(1Mbps) -90dBm(5Mbps) -87dBm(11Mbps) 802.11b/g -89dBm 6Mbps -82dBm 24Mbps -78dBm 36Mbps -72dBm 54Mbps 802.11n HT20 -85dBm@MCS0 -67dBm@MCS7 802.11n HT40 -82dBm@MCS0 -64dBm@MCS7 802.11ac VHT20 -85dBm MCS0 -62dBm MCS8 802.11ac VHT40 -82dBm MCS0 -57dBm MCS9 802.11ac VHT80 -79dBm MCS0 -53dBm MCS9 802.11ax HE80 -79dBm MCS0 -53dBm MCS9 -52dBm MCS11 802.11ax HE160 -75dBm MCS0 , -47dBm MCS11

### 1.4.3

1-5

	RG-MAP852-A(V3)
	1 10/100/1000Base-T IEEE 802.3af 802.3at 802.3bt PoE 4 10/100/1000Base-T
	1 Micro USB Console
	1

### 1.4.4

1-6

	RG-MAP852-A(V3)
	PoE/PoE+/PoE++ 802.3af/at/bt +

	<b>RG-MAP852-A(V3)</b>



PoE

802.3af

AP

### 1.4.5

1-6

	<b>RG-MAP852-A(V3)</b>
	-10°C 45°C -40°C 70°C 3000~5000 220 1
	5%RH~95%RH 5%RH~95%RH
	IEC 60950-1 IEC 62368-1 GB 4943.1
EMC	EN301489 EN55032 EN55035

### 1.5

1-7

		AP
		AP
		AP Link Down
	3 1	FIT AP AP AC CAPWAP
	0.2 0.2	FIT AP MACC AP AP
	3 1	AP

---

	0.2 0.2	FIT AP      AP                      AP

**1-8**

	2	
	5	

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# 2

## 2.1

---



### 2.1.1

AP

500

### 2.1.2

### 2.1.3

---



AP

---

## 2.1.4

/



18

24

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## 2.2

### 2.2.1

### 2.2.2

### 2.2.3

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**2-1**

0.5um		/m <sup>3</sup>	1.4 × 10 <sup>7</sup>
0.5um	1um	/m <sup>3</sup>	7 × 10 <sup>5</sup>
1um	3um	/m <sup>3</sup>	2.4 × 10 <sup>5</sup>
3um	5um	/m <sup>3</sup>	1.3 × 10 <sup>5</sup>

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## 2.3

2-3

	( )



RG-MAP852-A(V3)

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# 3

RG-MAP852-A(V3)



## 3.1

3-1

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### 3.3

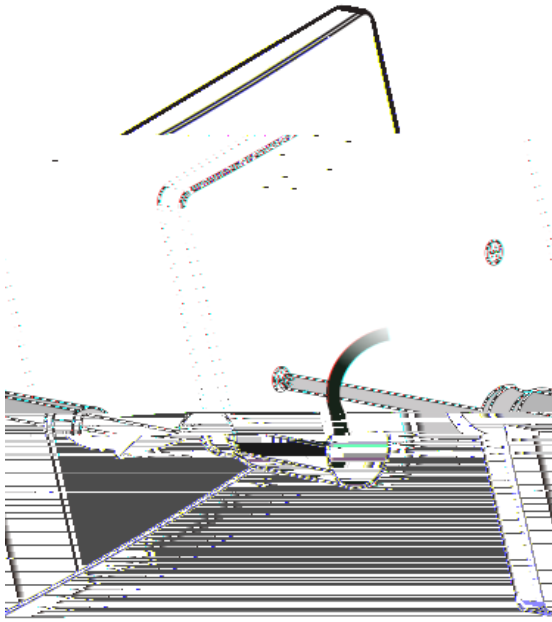
AP

### 3.4

#### 3.4.1 86

(1)

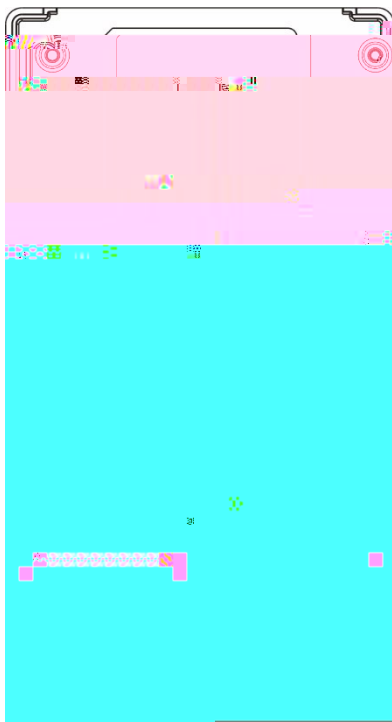
86



(2)

WAN

3-3

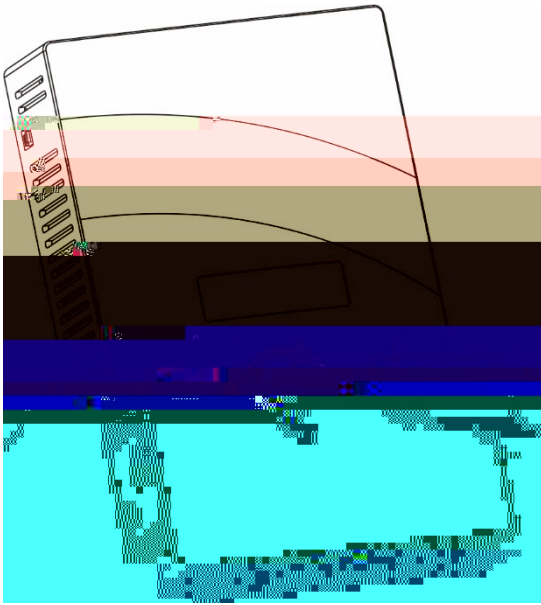


(3)

86

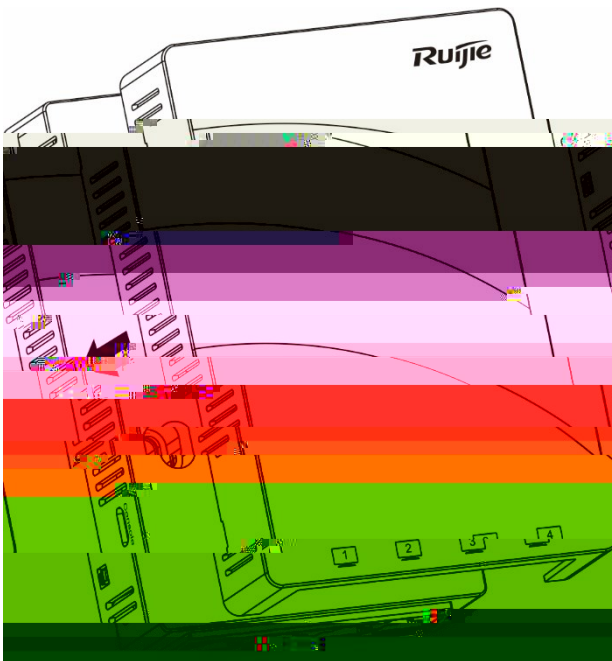
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3-4



(4) LAN LAN " Ruijie" logo

3-5



(5)

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3-6



AP

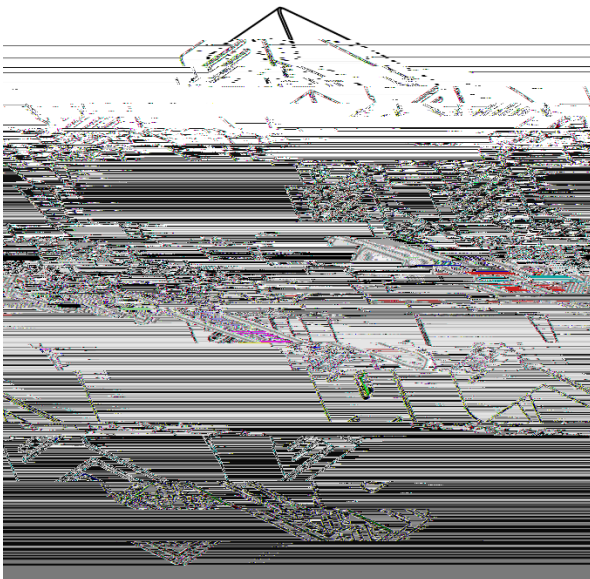
AP

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### 3.4.2

(1)

3-7



(2)

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## 3.5

	AP	WAN/PoE	AP	<a href="#">7.1</a>	
	Console	9600	8	1	AP

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## 3.6

### 3.6.1

### 3.6.2

- 1) LAN/PoE
- 2)
- 3)

## 3.7

### 3.7.1

AP

AP

### 3.7.2

### 3.7.3

AP

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# 4

## 4.1

+ AP

PC AP AP AC PC PoE

## 4.2

### 4.2.1

### 4.2.2

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# 5

## 5.1

### 5.1.1

### 5.1.2 CLI



## 5.2

RG-MAP852-A(V3)

AP

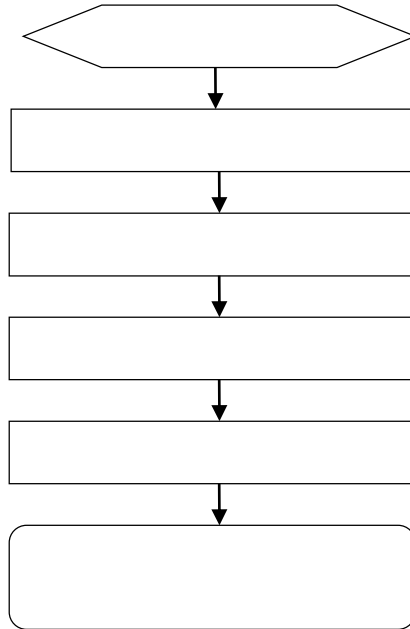
AC

## 5.3

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# 6

## 6.1



## 6.2

### 6.2.1

### 6.2.2

PoE

802.11af

### 6.2.3

### 6.2.4

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**6.2.5**

10

**6.2.6**

CAPWAP                      AC    AP              AC

**6.2.7**

- (1)
- (2)
- (3)      AP
- (4)                                      AP

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# 7

## 7.1

1000BASE-T/100BASE-TX/10BASE-T

1000BASE-T/100BASE-TX/10BASE-T

MDI/MDIX

Crossover

1000BASE-T IEEE 802.3ab  
STP 100

100-ohm 5

5

UTP

1000BASE-T 4

4

1000BASE-T

### 7-1 1000BASE-T



**Switch**

**Switch**

**Switch**

**Switch**

1 TP0 +

1 TP0 +

1 **TP0** +

1 TP0



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## 7.2

5  
7  
7  
10  
SFP+  
5  
10

7-4

7-4

30mm

7-5

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7-5

7-6

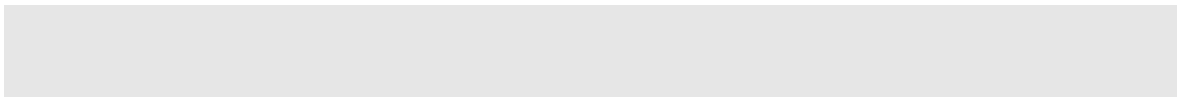
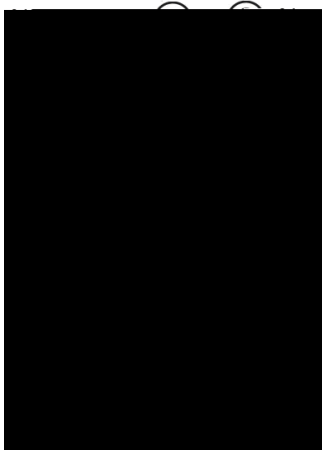
7-6

220V

-48V

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7-7



( mm )	( mm )
10	80~150
10~30	150~200
30	200~300