

RG-AP100

V1.1

2025-04-02

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7*24h 4008-111-000

—— <https://www.ruijie.com.cn/special/fw/tool/xryf/>

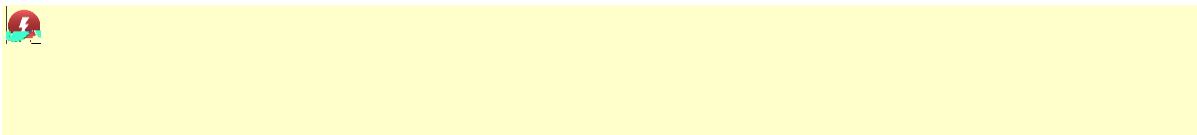
4008111000@ruijie.com.cn

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APP

1.



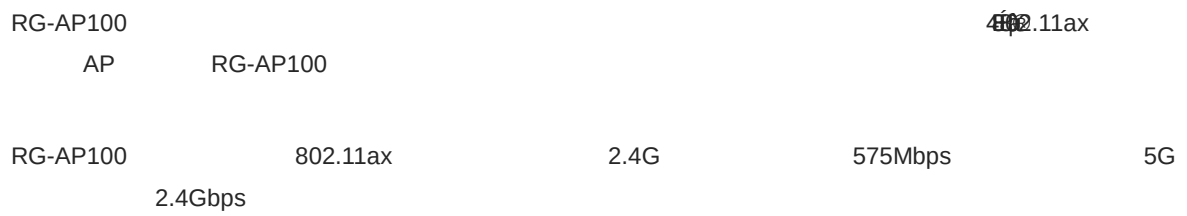
2.

		1
1		4
1.1		4
1.2		4
1.3		7
1.4		8
1.4.1		8
1.4.2		8
1.4.3		9
1.4.4		9
1.4.5		10
1.4.6		10
1.5		10
2		

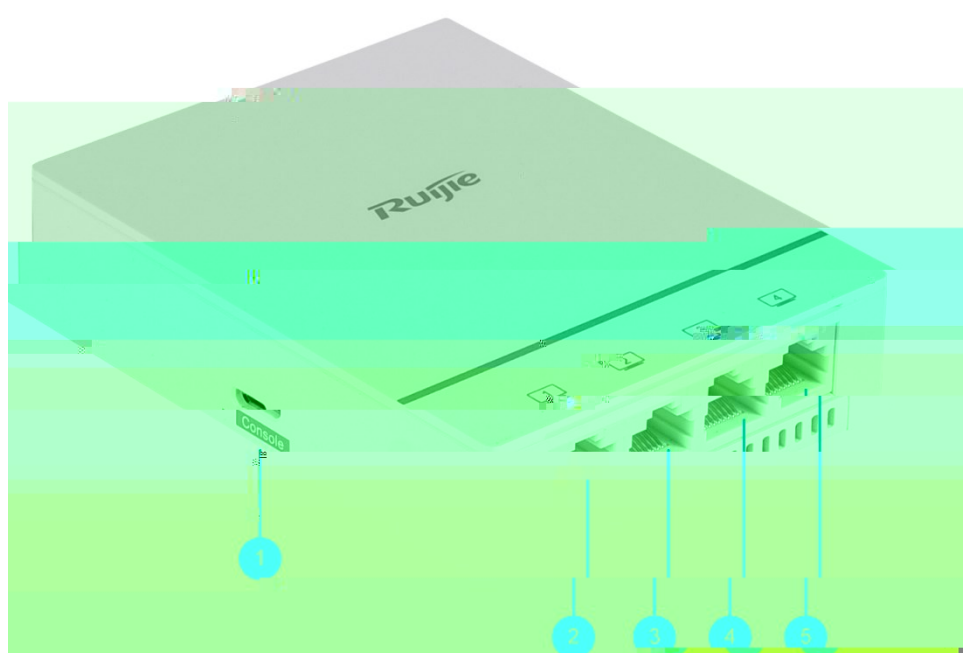
6.2.4		24
6.2.5		25
6.2.6		25
6.2.7		25
7		26
7.1		26
7.2		28
7.3 DC		2

1

1.1



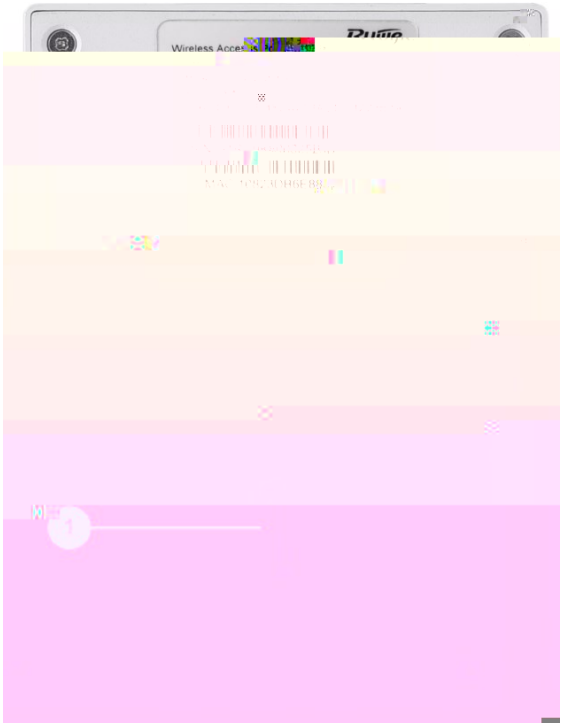
1-2



1-1

1	Console	
2~5	LAN	

1-4



1-3

1	WAN/PoE	IEEE802.3af 802.3at PoE



1.3

1-4

1	RG-AP100	1	
2		1	
3		1	
4	M4×40	2	

1.4

1.4.1

1-5

	RG-AP100
× ×	86mm×116mm×24.1mm +18.9mm
	0.3kg
	86

1.4.2

1-6

	RG-AP100
	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 802.11b -91dBm(1Mbps) -90dBm(5Mbps) -87dBm(11Mbps) 802.11a/g -89dBm 6Mbps -82dBm 24Mbps -78dBm 36Mbps -72dBm



PoE

802.3af

AP

1.4.5

1-9

	RG-AP100
	-10°C 45°C -40°C 70°C 3000~5000 220 1
	5%RH~95%RH 5%RH~95%RH

1.4.6

1-10

	RG-AP100
	IEC 60950-1 IEC 62368-1 GB 4943.1
EMC	EN 301489 EN 55032 EN 55035

1.5



FIT AP FAT AP

1-11

	0.2 0.2	FIT AP MACC AP AP
	3 1	AP
	0.2 0.2	FIT AP AP AP

2

2.1



2-1

$\leq 0.5\mu\text{m}$	/m ³	$\leq 1.4 \times 10^7$
0.5 μm $\leq 1\mu\text{m}$	/m ³	$\leq 7 \times 10^5$
1 μm $\leq 3\mu\text{m}$		

2.3

2-3

	()



RG-AP100

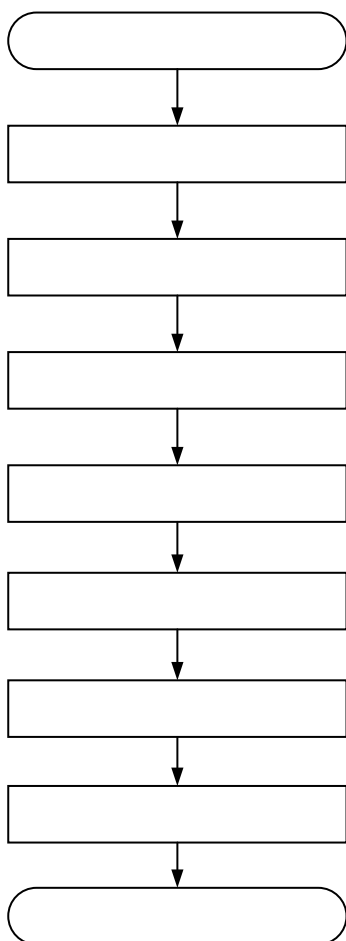
3

RG-AP100



3.1

3-1



3.2

3.3

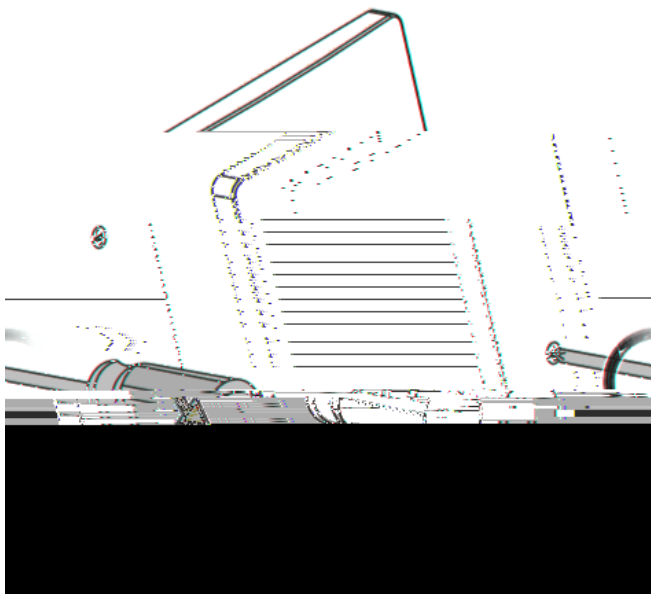
AP

3.4

				
86	AP	JB/T 8593-2013	M4	
10±1kgf•cm				

3.4.1 86

(1) 86



(2)

WAN/PoE

3-3

(3)

86

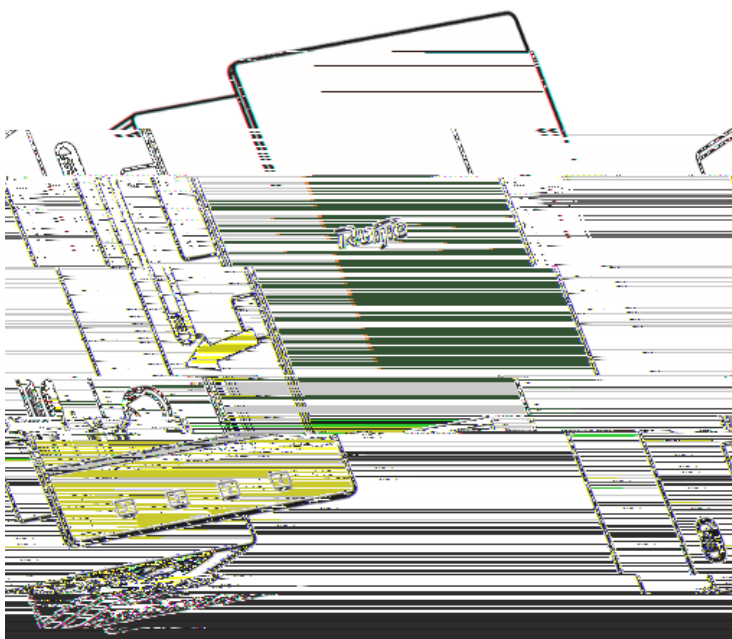
3-4



(4)

“ Ruijie ” Logo

3-5



(5)

(2)

3.5

	AP	LAN/PoE	AP	7.1
 Console	9600	8	1	

4

4.1

DC PoE AP

DC PoE AP

AP AC

PC AP PC PoE

4.2

4.2.1

4.2.2

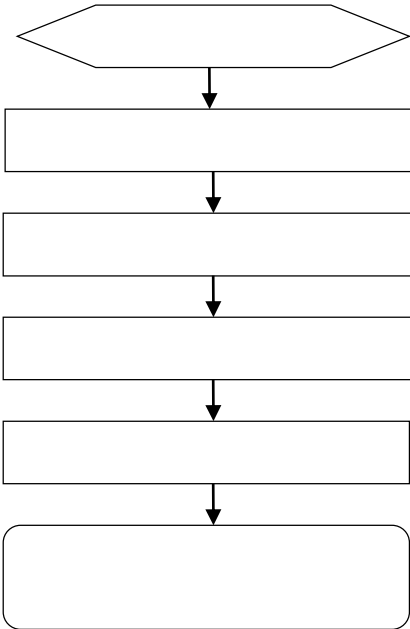
5

5.1

5.1.1

6

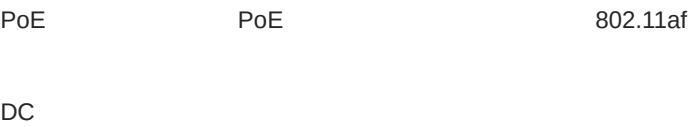
6.1



6.2

6.2.1

6.2.2



6.2.3

6.2.4

6.2.5

10

6.2.6

CAPWAP AC AP AC

6.2.7

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

7

7.1

1000BASE-T/100BASE-TX/10BASE-T					MDI/MDIX
1000BASE-T/100BASE-TX/10BASE-T					
Crossover					
1000BASE-T	IEEE 802.3ab	100-ohm 5	5	UTP	
STP	100				
1000BASE-T	4	4	1000BASE-T		

7-1 1000BASE-T

100BASE-TX/10BASE-T		10Mbps	100-ohm 3	4	5
100Mbps	100-ohm 5	100	100BASE-TX/10BASE-T		

7-2 100BASE-TX/10BASE-T

Pin		
1	Input Receive Data+	

Pin		
4 5 7 8	Not Used	Not Used

100BASE-TX/10BASE-T

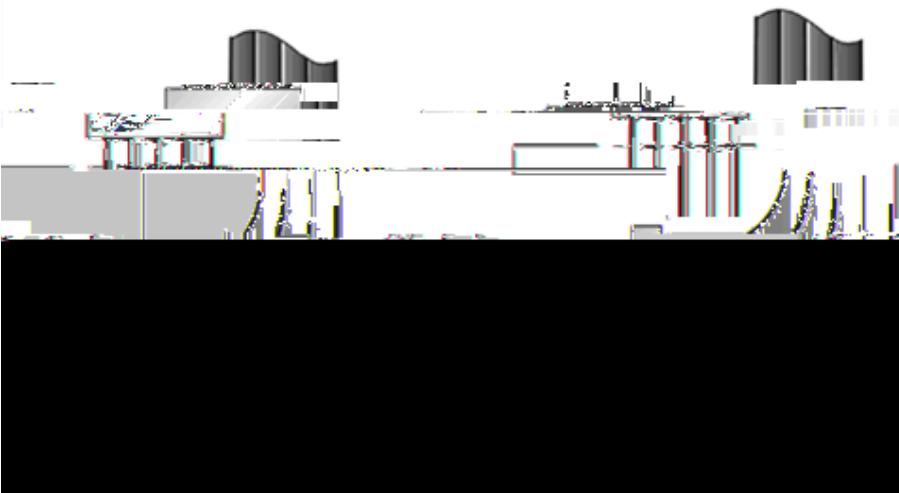
7-3 100BASE-TX/10BASE-T



7-5

[7-6](#)

7-6

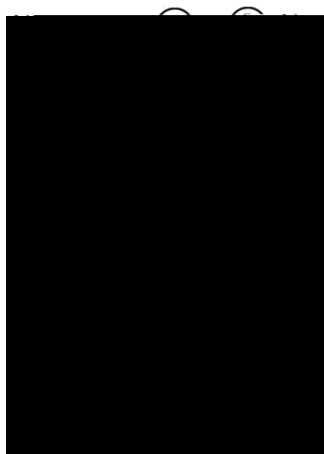


220V

-48V

[7-7](#)

7-7



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

7.3 DC

DC 12V 1A

7-1 DC

2.1mm	5.5mm	10mm	

7-8 DC

