

copyright © 2022



<http://www.ruijie.com.cn>

<http://www.ruijie.com.cn/fw/>

7*24h

<http://ocs.ruijie.com.cn>

7*24h

4008-111-000

--

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

4008111000@ruijie.com.cn

doc@ruijie.com.cn



APP



"

4 *

2.

1

RG-AP820-A(X)				802.11ax
AP	2.4G	2*2 11ax	0.575Gbps	5G
1.2Gbps	1.775Gbps			2*2 11ax

1.1 RG-AP820-A(X)

	2.4G 2x2 MU-MIMO 5G 2x2 MU-MIMO
	802.11ax , 802.11ax 802.11a/b/g/n/ac
	2400 2483.5MHz(b/g/n/ac,HE40) 5725 5850MHz(a/n/ac,HE80) 5470 5725MHz(a/n/ac,HE80) 5150 5350MHz(a/n/ac/ax,HE80) (
	2.4G: 5G: 1.775Gbps
	Radio1:2.4G 0.575Gbps Radio2:5G 1.2Gbps

RG-AP820-A(X)

	1
	DC 48V/0.3A 802.3af PoE
	12.95W
	-10 50
	-40°C 70°C
	5 95
	5 95
	IP41
	GB 4943.1-2011 IEC60950-1 IEC60825-1
EMC	EN300386 GB/T 19286-2015 GB/T 17618-2015
	NEBS GR-63-CORE_Issue3_2006
	EN300 328 EN301 893
MTBF	>200KH

1.2 RG-AP820-A(D 203/L1e5)-BDC BT1 0 006/L13(1)0)A5 30.31 15.48 BT1 0 0 1 2

Reset

RJ45
LAN/PoE
DC48V

1.3 RG-AP820-A(X)

—		
3Hz		
—		
3Hz		
—		
3Hz		
—		
3Hz		
2Hz		

—		
3Hz		
—		
3Hz		
—		
3Hz		

RG-AP820-A(X)

2.5

RG-AP820-A(X)

2.5.1

RG-AP820-A(X)

RG-AP820-A(X)

2m

2.5.2

RG-AP820-A(X)

2.5.3

RG-AP820-A(X)

RG-AP820-A(X)

RG-AP820-A(X)

H ₂ S	0.006	0.03
NO ₂	0.04	0.15
NH ₃	0.05	0.15
Cl ₂	0.01	0.3

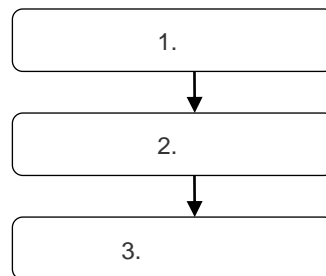
2.5.5 EMI

2.6

3

RG-AP820-A(X) AP

3.1



3.2

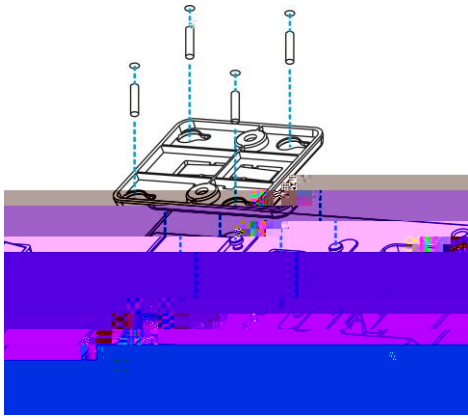
RG-AP820-A(X)

3.3

AP

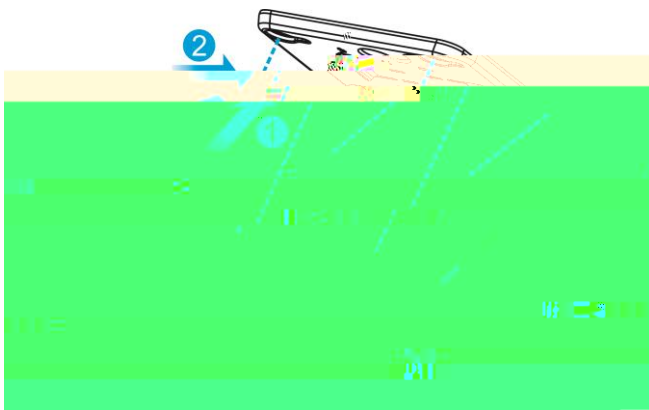
3.4

1) 2 6mm



2)

3-3 AP



RG-AP820-A(X)

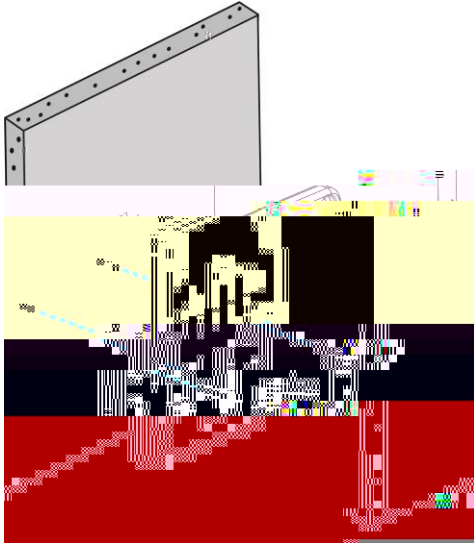
1)

2

6mm

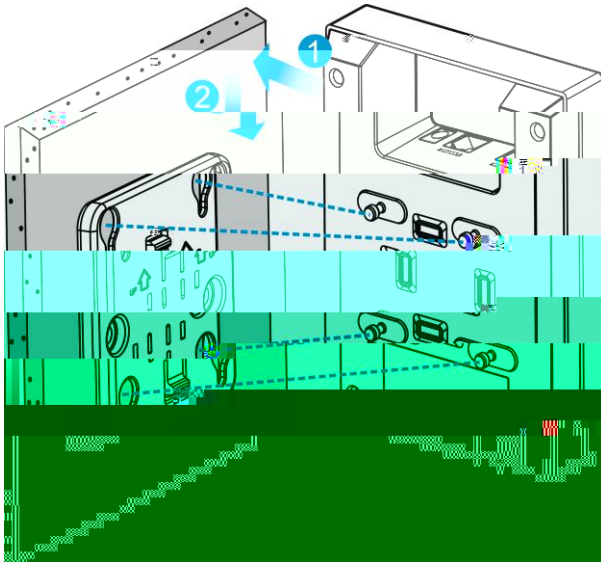
26.5mm

3-4



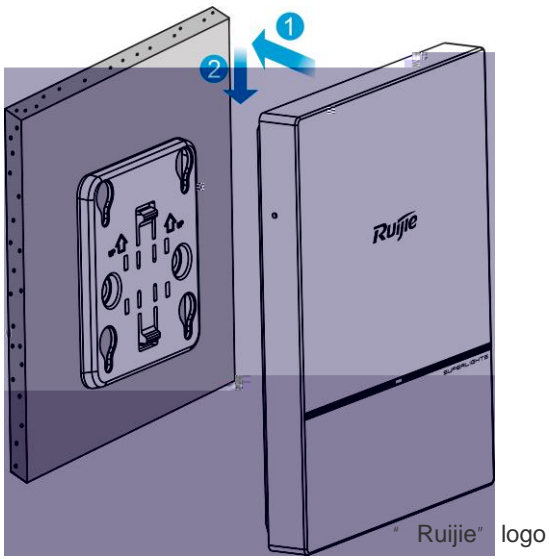
2)

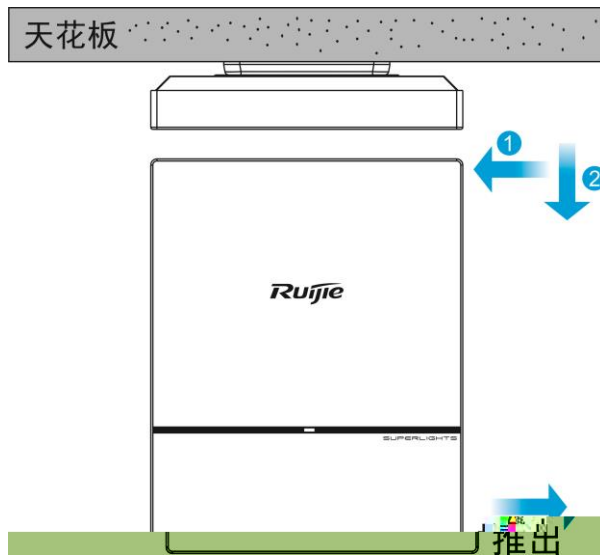
3-5 AP



3)

3-6 AP





3.6

	AP	LAN/PoE	AP		A	
console			9600	8	1	AP

3.7

AP

4

4.1

DC PoE AP

DC PoE AP

AP AC

PC AP PC PoE

4.2

AP

AP AC

AP

5

5.1

RG-AP820-A(X)

CLI

RG-AP820-A(X)

AC

RG-AP820-A(X)
RG-AP820-A(X)

Telnet

RG-AP820-A(X)

5.2

AP

AP

AP

AP

AP

AC

5.3

,

A — —

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

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

MDI/MDIX

Crossover

1000BASE-T	IEEE 802.3ab	100-ohm 5	5	UTP
STP	100			
1000BASE-T	4	4	1000BASE-T	

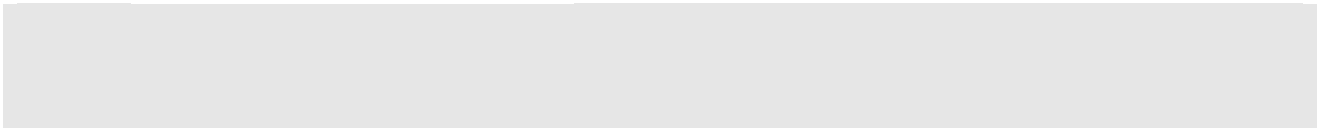
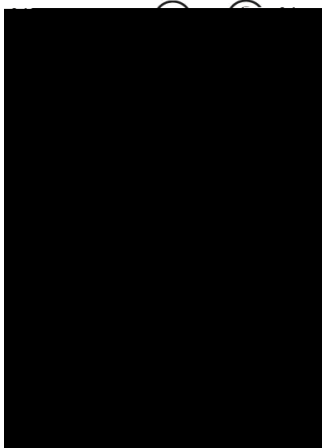
A-1 1000BASE-T



Switch	Switch	Switch	Switch
1 TP0 +	1 TP0 +	1 TP0 +	1 TP0 +
2 TP0 -	2 TP0 -	2 TP0 -	2 TP0 -
3 TP1 +	3 TP1 +	3 TP1 +	3 TP1 +
6 TP1 -	6 TP1 -	6 TP1 -	6 TP1 -
4 TP2 +	4 TP2 +	4 TP2 +	4 TP2 +
5 TP2 -	5 TP2 -	5 TP2 -	5 TP2 -
7 TP3 +	7 TP3 +	7 TP3 +	7 TP3 +
8 TP3 -	8 TP3 -	8 TP3 -	8 TP3 -
100BASE-TX/10BASE-T		10Mbps	100-ohm 3 4 5
100Mbps	100-ohm 5		

— —

RG-AP820-A(X)



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

C — —

D — — DC