

RG-AP520(W2)

V1.04

2023-04-07

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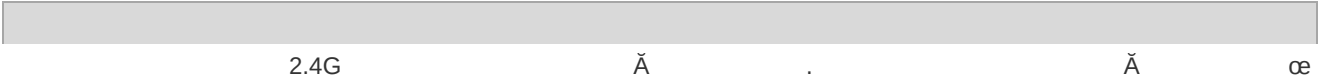
[https](#)

2.

1

RG-AP520(W2)				802.11ac wave2
AP	2.4G	300Mbps	5G	867Mbps
1.167Gbps				

1.1 RG-AP520(W2)



1.3 RG-AP520(W2)

ap

	—	AP /
	3Hz	AP
	—	AP
	3Hz	AP Link down
	3Hz	AP CAPWAP
	3Hz	AP
	—	AP CAPWAP
	16 /min	AP CAPWAP
	—	AP
	3Hz 2 2	

ap

	—	AP /
	3Hz	AP
	—	AP
	3Hz	AP Link down
	3Hz	AP
	—	AP



2



RG-AP520(W2)



2.2

- AP
 - 500m
 -
-
-

2.3

- ,
-

2.4

- -
 -
 -
 -
 -
 - AP
 -
-
-
-

NO ₂	0.04	0.15
NH ₃	0.05	0.15
Cl ₂	0.01	0.3

2.5.5

■ DC11.4-12.6V 1.5A

1.35mm	3.5mm	9mm	



■ PoE 802.3af/802.3at PoE

RG-AP520(W2) 12.95W PoE

2.5.6 EMI

-
-

2.6

 RG-AP520(W2)

2.7



3

RG-AP520(W2) AP



-
-
-
-
-
-
-
-
-

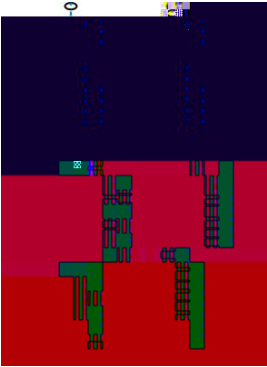
3.4



-

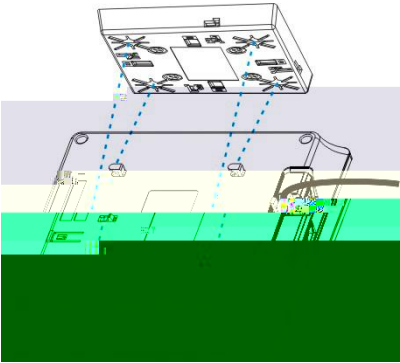
1) 4 6mm 61mm

3-1



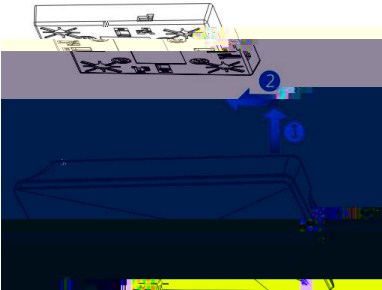
2)

3-2

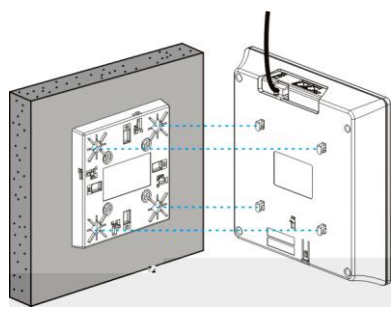


3)

3-3

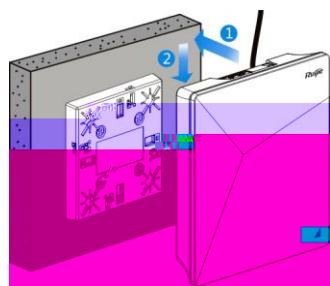


RG-AP520(W2)



3)

3-6

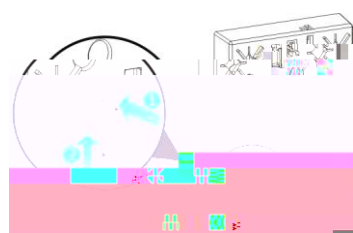


“ Ruijie ” logo

3.5

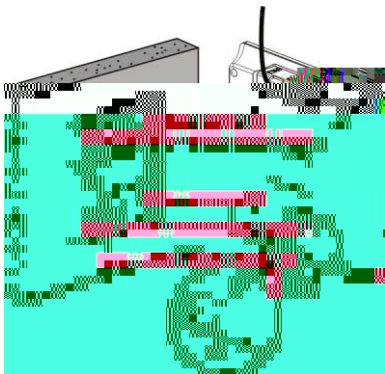
1)

3-7



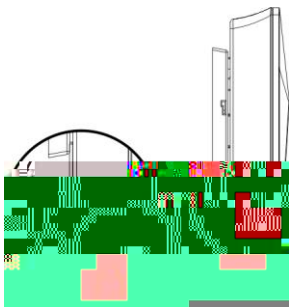
2)

3-8



3)

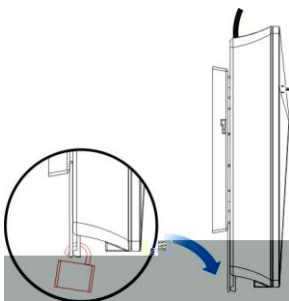
3-9



3.6

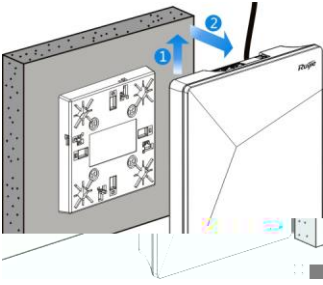
1)

3-10



2)

3-11



3)

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

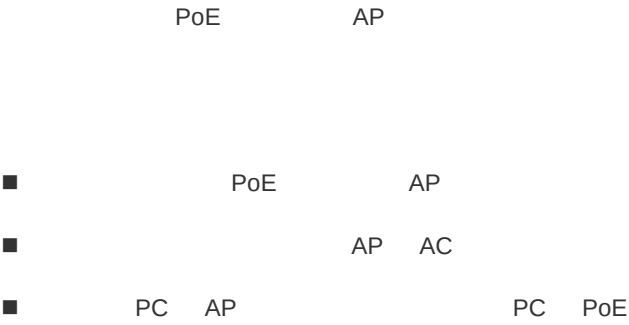
3.9

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-
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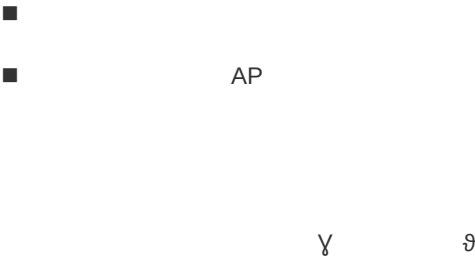
AP

4

4.1



4.2



5

5.1

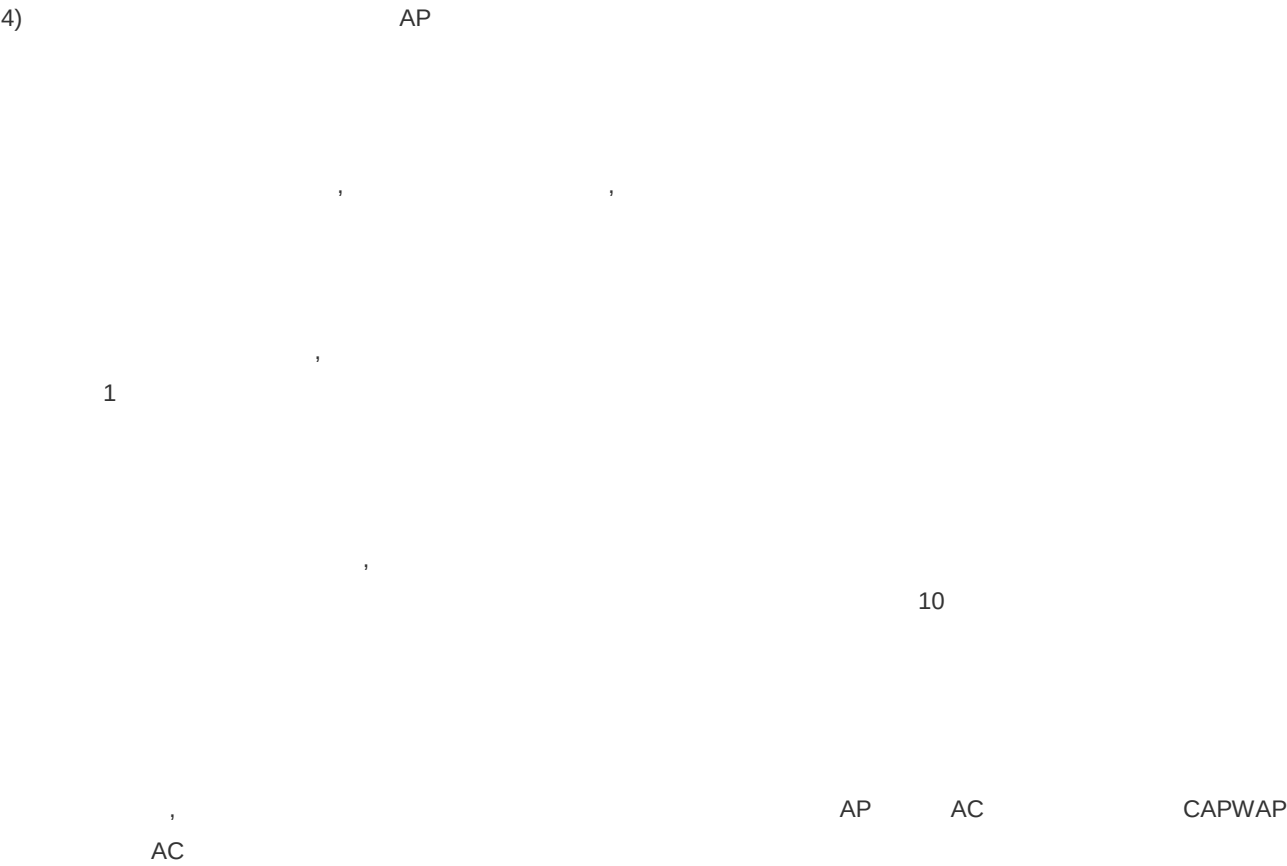
6

6.1

6.2

- PoE PoE 802.11af
-

50R.



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			
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		

RG-AP520(W2)

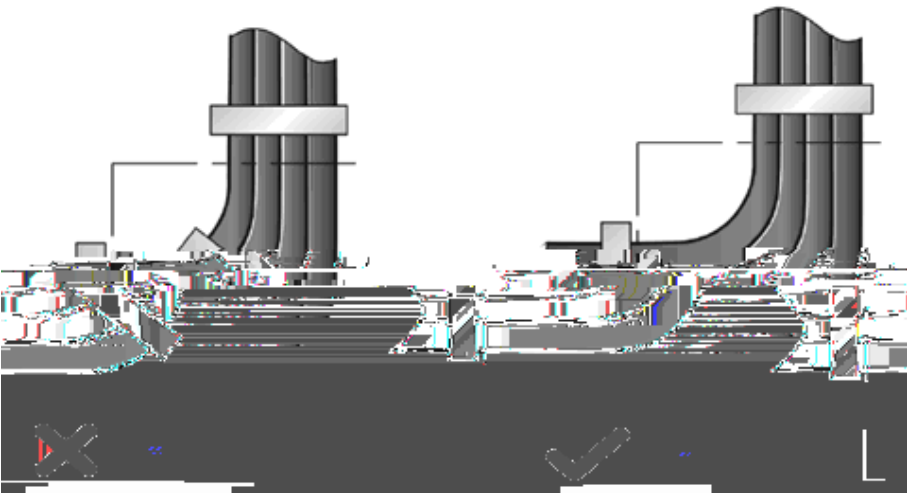


D-2

■

D-3

D-3



■

■ 220V -48V

■

■

D-4

D-4

