

# RG-AP520(W2)

**V1.04**

**2023-04-07**

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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 40%

|  | —       | 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        |

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



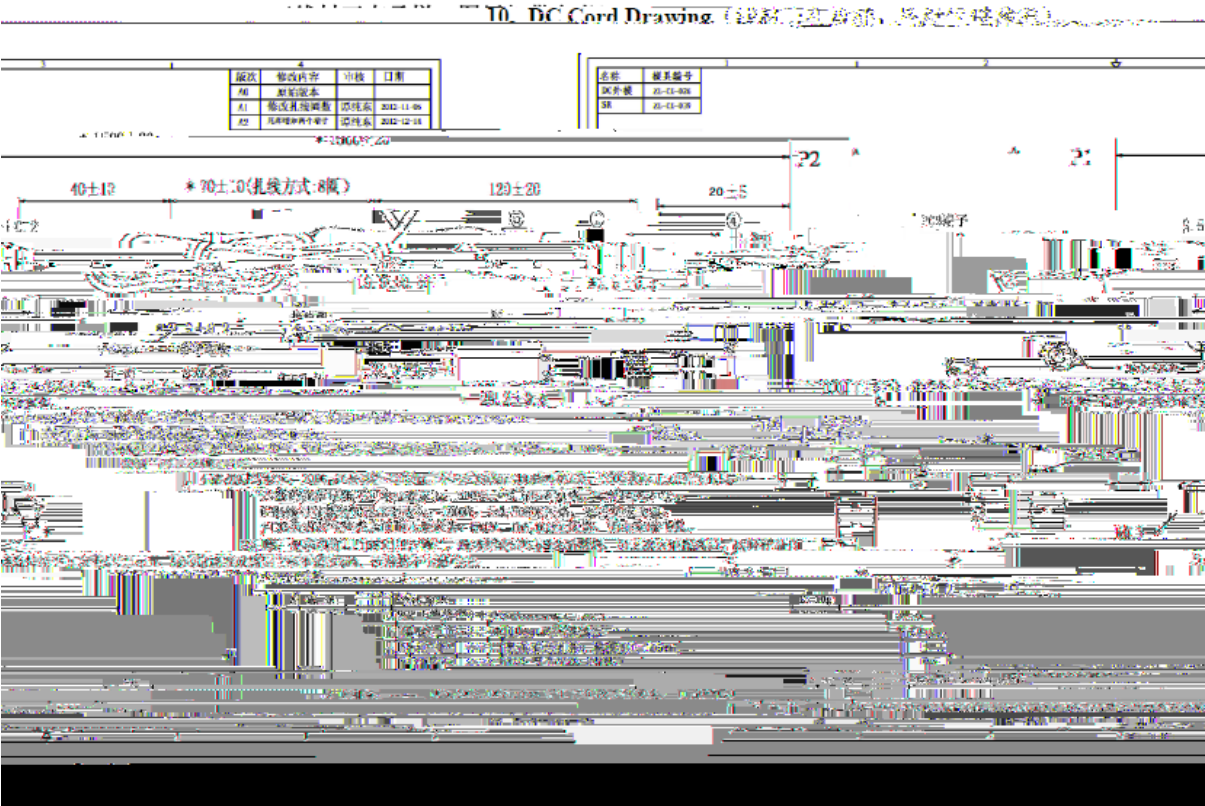


|                 |      |      |
|-----------------|------|------|
| NO <sub>2</sub> | 0.04 | 0.15 |
| NH <sub>3</sub> | 0.05 | 0.15 |
| Cl <sub>2</sub> | 0.01 | 0.3  |

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

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2.6

|  |  |
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|  |  |
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 RG-AP520(W2)

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2.7



3

RG-AP520(W2)      AP



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- 
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3.4

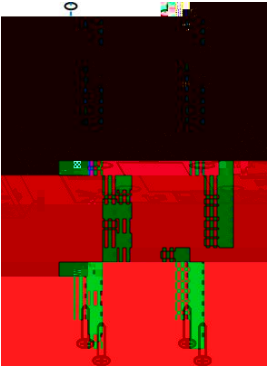
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1)                      4                      6mm                      61mm

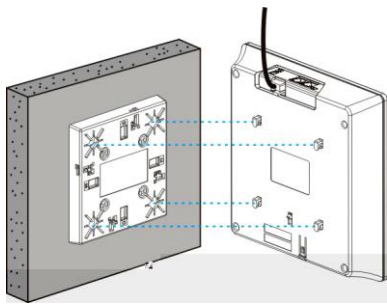
3-1



2)

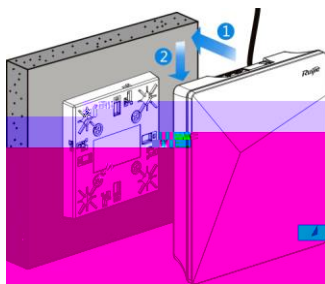
3-2

a



3)

3-6

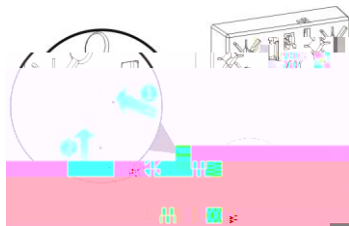


“ Ruijie ” logo

3.5

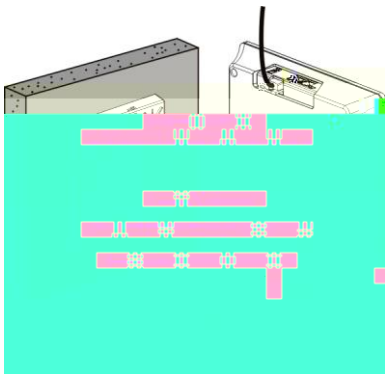
1)

3-7



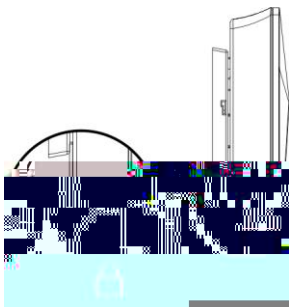
2)

3-8



3)

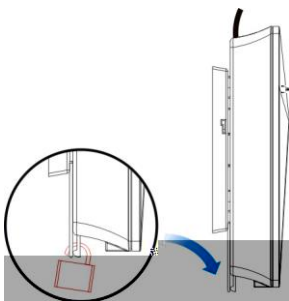
3-9



### 3.6

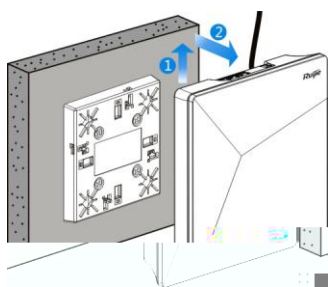
1)

3-10



2)

3-11



3)

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

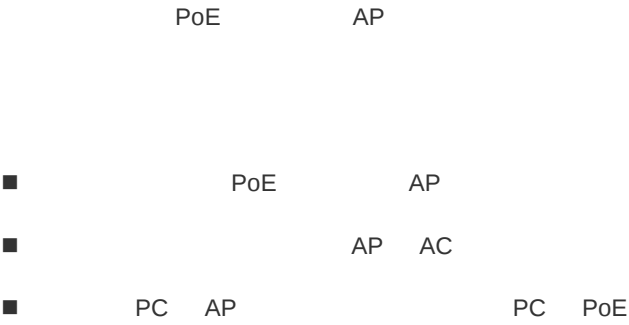
3.9

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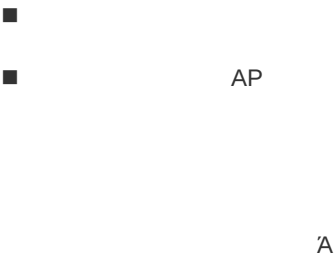
AP

4

4.1



4.2



## **5**

### **5.1**

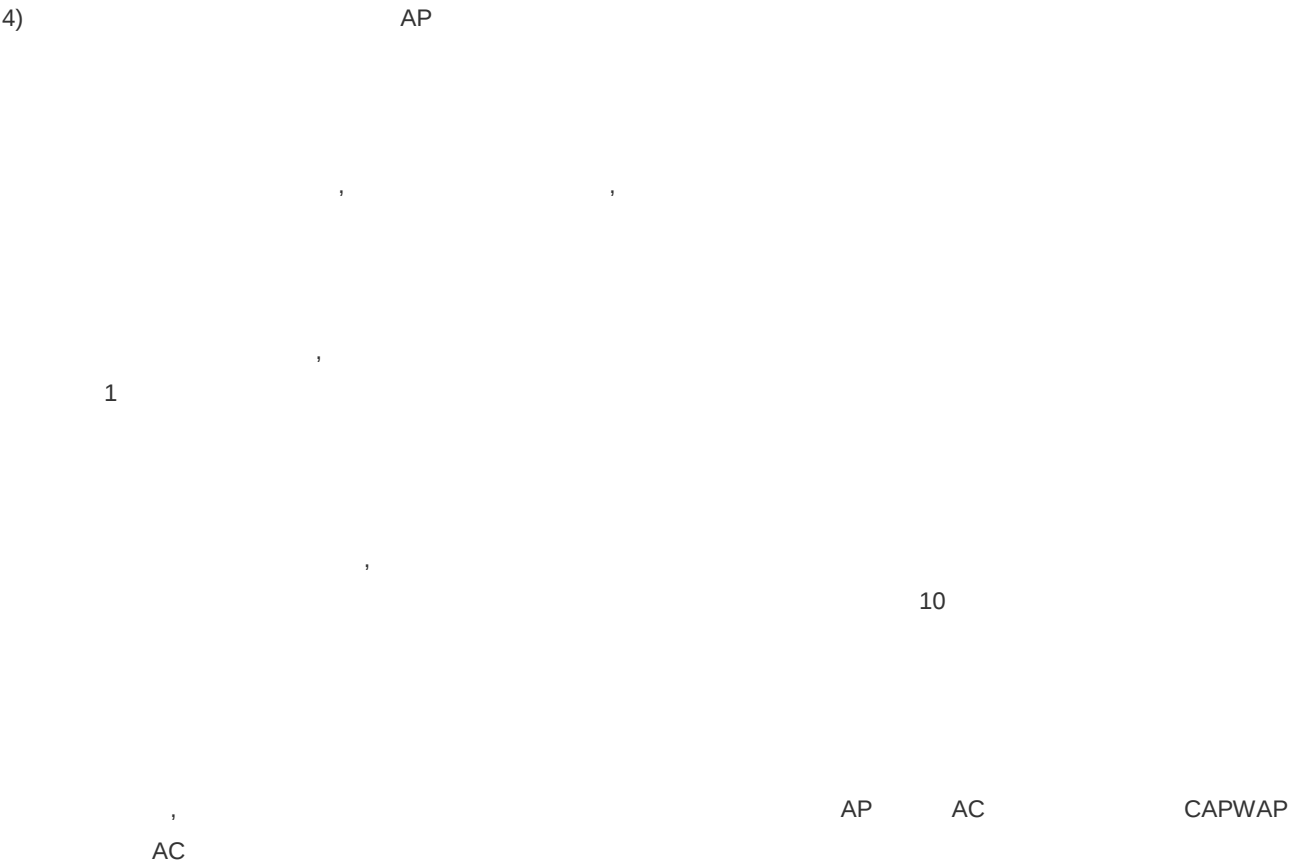
6

6.1

6.2

- PoE PoE 802.11af
- 

50p.



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 4               |              |           |            |                    |     |

| 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       |         |         |



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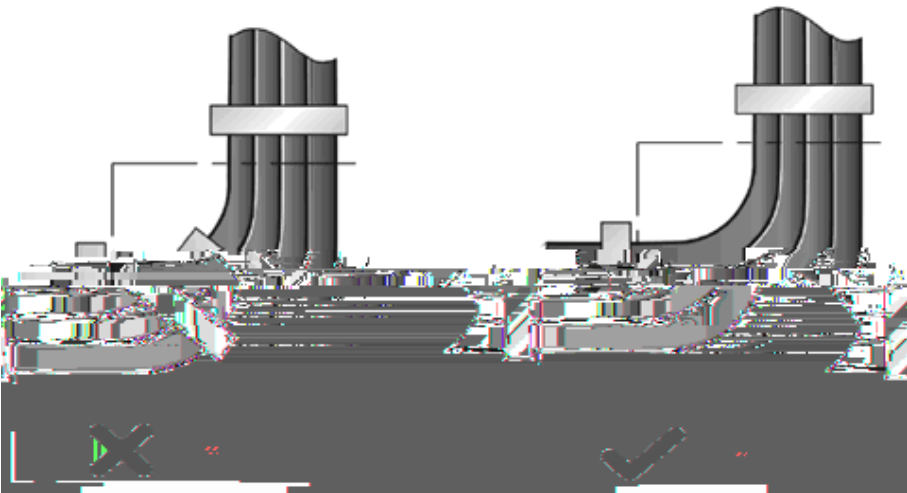


D-2

■

D-3

D-3



■

■ 220V      -48V

■

■

D-4

D-4

