



copyright © 2025



-
-
-

-

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

-

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

-

7*24h

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

-

7*24h

4008-111-000

-

--

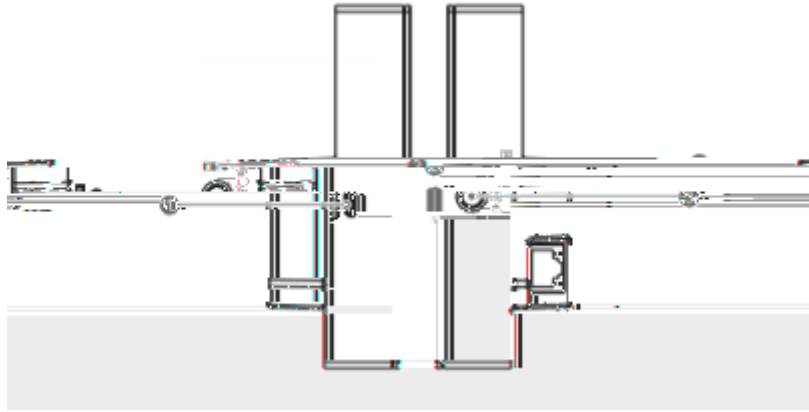
<https://www.ruijie.com.cn/special/fw/tool/xryf/>

-

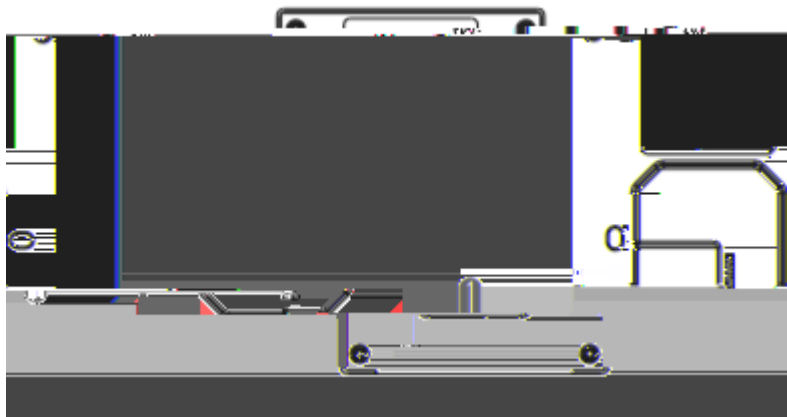
RG-AP180
RG

802.11ax

AP



- 1 Micro USB
- 2 1.2mm
- 3 DC



- 1 PoE



	1	10/100/1000Base-T	IEEE 802.3af	802.3at	PoE
	4	10/100/1000Base-T			
	1	Micro USB	Console		
	1				
	1				

	(2.5Hz)	AP
	(1Hz)	

Fit

		AP / ()
	(2.5Hz)/	1 uboot 2
	(2.5Hz)	AP
	(1Hz)	WAN LINK DOWN
	(1Hz)	WAN LINK UP CAPWAP
	(0.4Hz)	CAPWAP

Reset

1 2

2 3





RG-AP180



AP



500m



RG-AP180

RG-AP180

■

■

RG-AP180

■

RG-AP180

2m

RG-AP180

RG-AP180

■

■

■

RG-AP180

-10° C-45° C	5%-95%

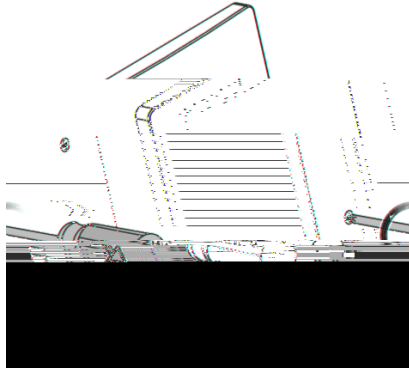
(μ m)	0.5	1	3	5
/	1.4 x 10 ⁷	7 x 10 ⁷	2.4 x 10 ⁷	1.3 x 10 ⁷

	(mg/m3)	(mg/m3)
	0.2	1.5
	0.006	0.03
	0.04	0.15
	0.05	0.15
	0.01	0.3

■ / DC12V/1.0A

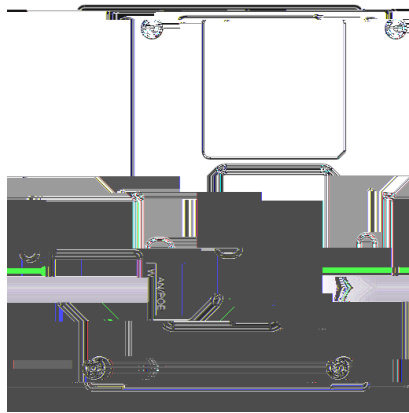
■ PoE 802.3af/802.3at PoE





Step2

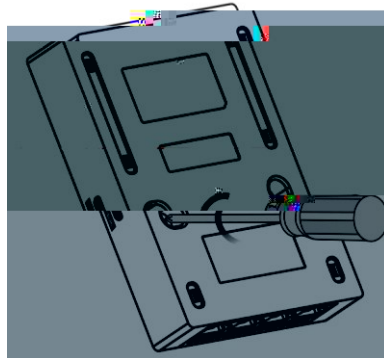
UpLink



Step3

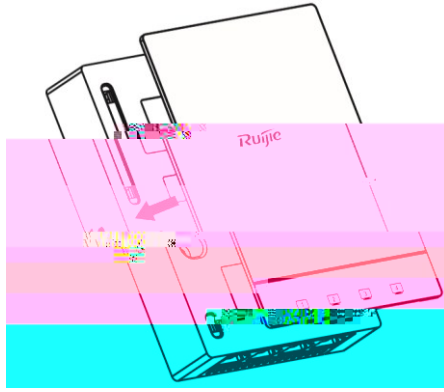
AP180

86

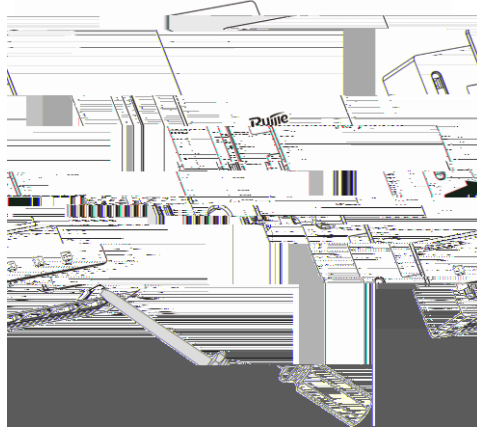
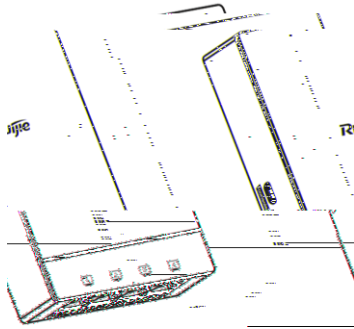


Step4

AP180

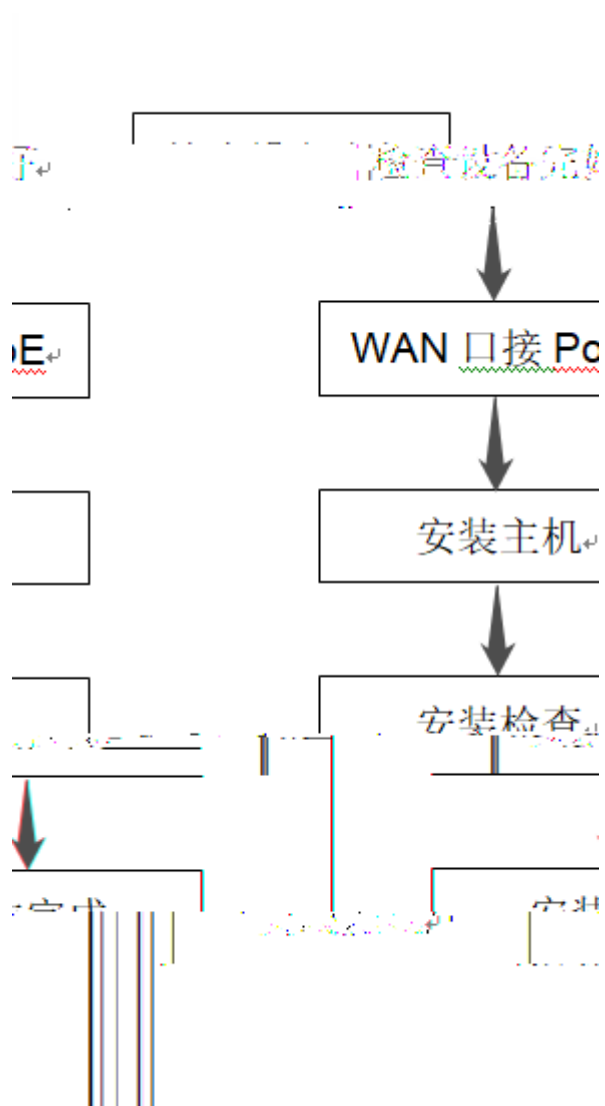


Step5



	()





-
-

DC PoE AP

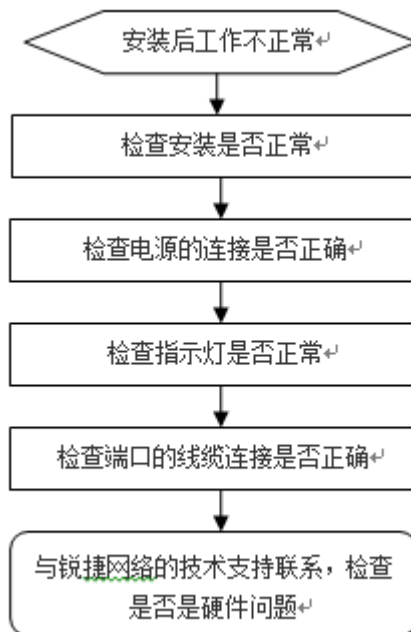
- DC PoE AP
- AP AC
- PC AP PC PoE

-
- AP

- AP AC
- AP

- AP
- AP
- AP LINK DOWN
- (1Hz) AP LINK UP CAPWAP
- (0.4Hz) AP CAPWAP
- (4S) AP

- AP AP AP
- AP AP AC



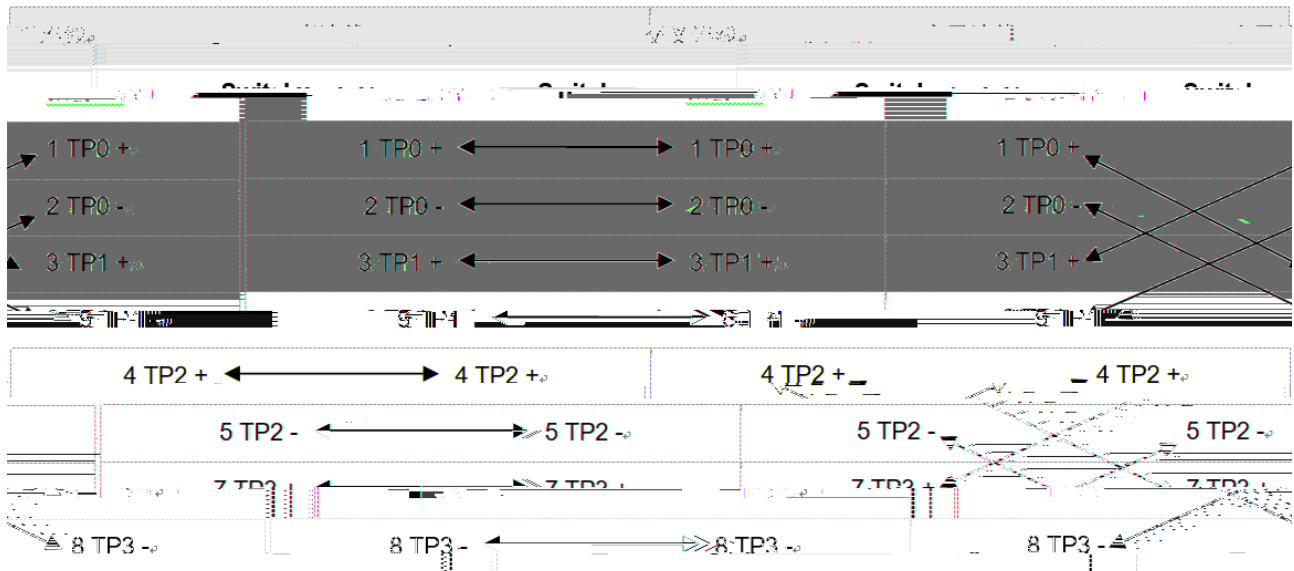
- PoE PoE 802.11at
- DC

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

MDI/MDIX Crossover

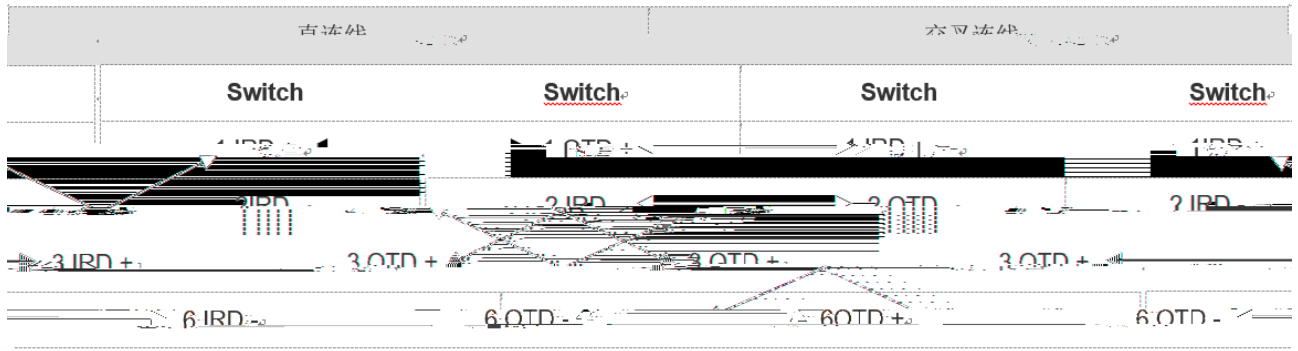
1000BASE-T	IEEE 802.3ab	100-ohm	5	5	UTP	STP
	100					
1000BASE-T	4	4		1000BASE-T		

A-1 1000BASE-T



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

A-2 100BASE-





5

7

7

10

SFP+

5

10

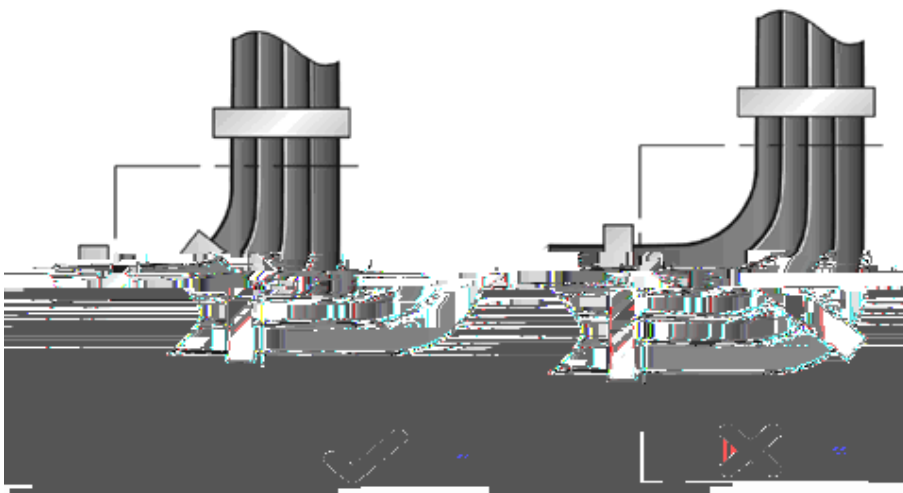


B-1

30mm

B-2

B-3



220V

-48V

B-4

- DC 12V