



copyright © 2024



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

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

7*24h

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

7*24h

4008-111-000

——

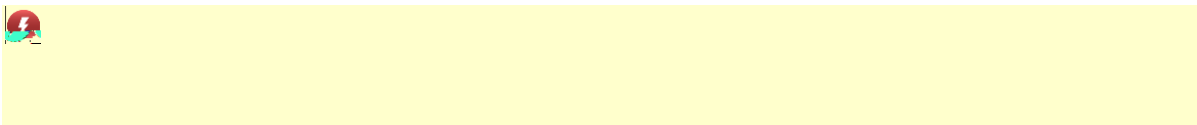
<https://www.ruijie.com.cn/special/fw/tool/xryf/>

4008111000@ruijie.com.cn

doc@ruijie.com.cn



APP

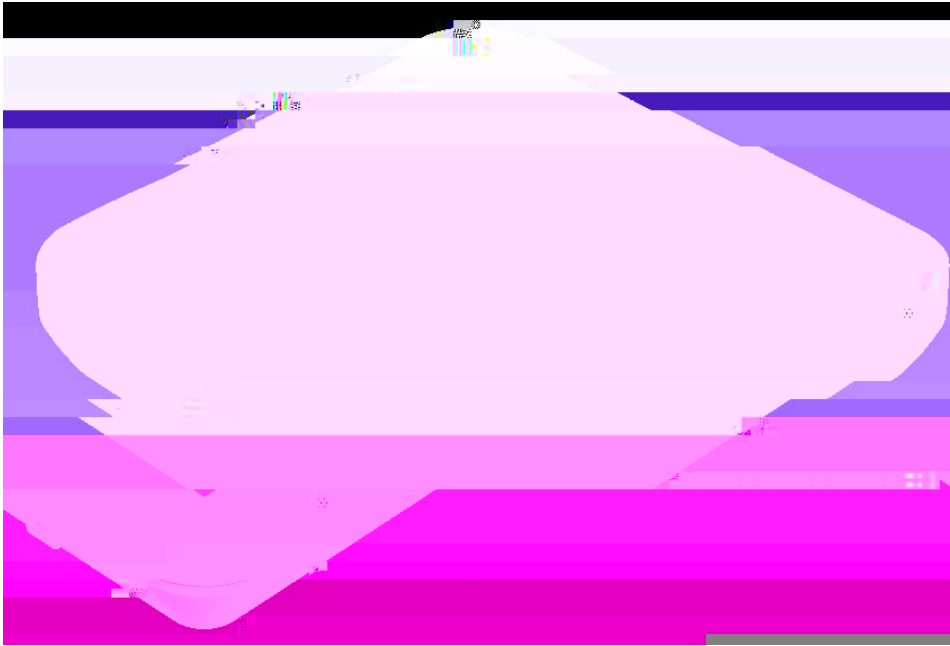


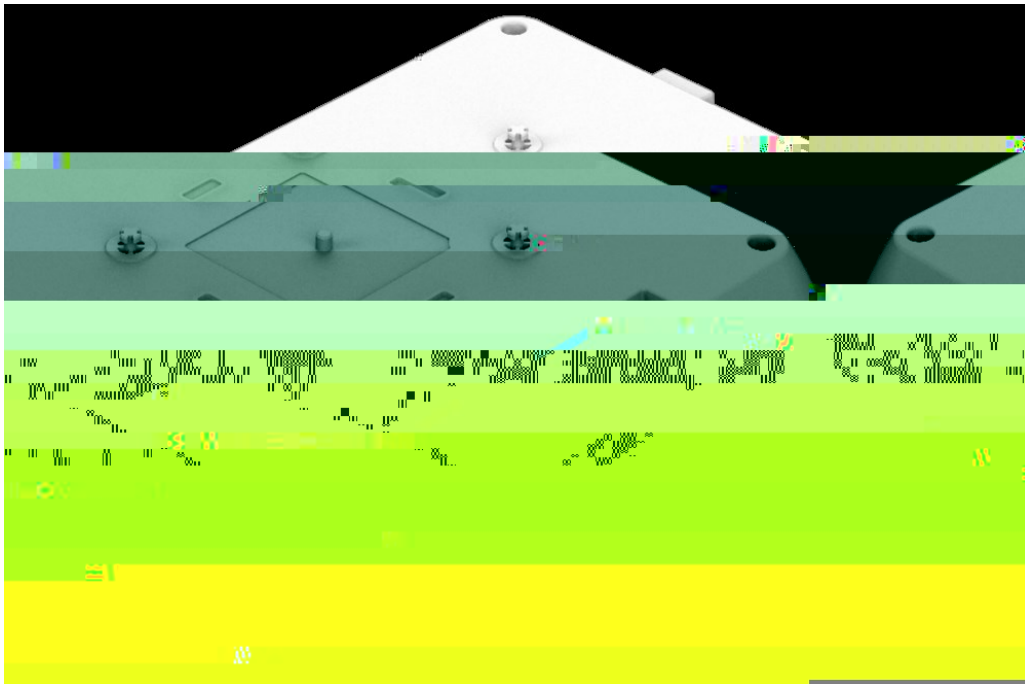
2.3	.....	13
3	.....	14
3.1	.....	14
3.2		

6	.....	26
6.1	.....	26
6.2	.....	26
6.2.1	.....	26
6.2.2	.....	26
6.2.3	.....	26
6.2.4	.....	27
6.2.5	FIT AP	27
6.2.6	.....	27
6.2.7	.....	27
7	.....	28
7.1	.....	28
7.2	.....	30
7.3	.....	32
7.4 DC	.....	35

RG-AP850-A(V2)				802.11ax	AP
	2.4G	575Mbps	5G	4.8Gbps	
5.375Gbps					
RG-AP850-A(V2)					
RG-AP850-A(V2)		802.11ax	802.11ac	802.11n	
		RG-AP850-A(V2)			

RG-AP850-A(V2)	3	2	LAN1	IEEE 802.3af	802.3at	802.3bt
PoE	LAN2/IoT		48V/0.27A	MAX:12.95W	1	5G SFP 1 RJ45
Console	1	DC	1	USB	1	





1		

1	USB	USB
2	DC	54V DC AP

3

1		1	
2		1	
3		1	
4		4	
5	M4.2*20	4	
6		1	

× ×	230mm×230mm×51mm
× ×	298mm×279mm×86mm

1.0kg

0.

	11b -96dBm 1Mbps -93dBm 5Mbps -89dBm 11Mbps 11a/g -91dBm 6Mbps -85dBm 24Mbps -80dBm 36Mbps - 74dBm 54Mbps 11n -90dBm@MCS0 -70dBm@MCS7 -89dBm@MCS8 - 68dBm@MCS15 11ac HT20 -88dBm MCS0 -63dBm MCS9 11ac HT40 -85dBm MCS0 -60dBm MCS9 11ac HT80 -82dBm MCS0 -57dBm MCS9 11ax HE80 -82dBm MCS0 -57dBm MCS9 -52dBm MCS11 11ax HE160 -79dBm MCS0 -53dBm MCS9 -50dBm MCS11

|--|--|

5.1

Zigbee RFID Thread

	1 DC 54V/1.1A
	2 PoE/PoE+/PoE++ 802.3af/at/bt 802.3bt
	40W



PoE

802.3af

AP

EMC	EN 300386 GB/T 19286 GB/T 17618
-----	---------------------------------



FIT AP FAT AP

		AP
		AP
		AP Link Down
	3 1	FIT AP AP AC CAPWAP
	0.2 0.2	FIT AP MACC AP AP
		AP

1
1



1G	3G	1G	1G	1G
1G	1G	1G	1G	1G
2.5G	3G			2.5G
2.5G	1G	1G		



AP

500



AP

	/	
		
18	24	

:uktQ@NL)zk)NPEg@Zk0f

0.4

/

"

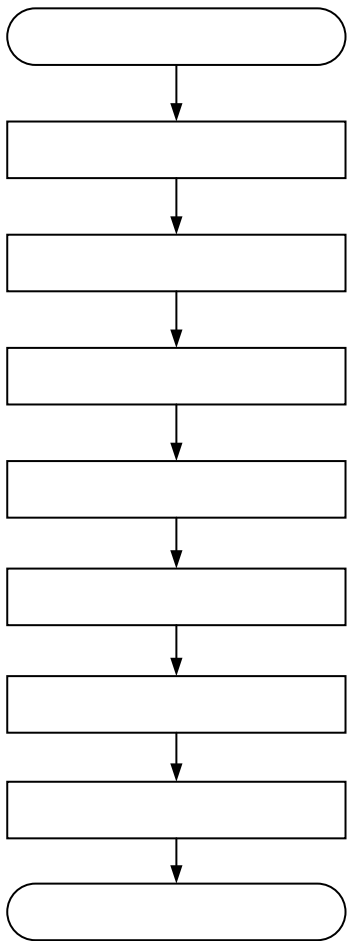
0.5um	≤1um	/m ³	≤7×10 ⁵
1um	≤3um	/m ³	≤2.4×10 ⁵
3um	≤5um	/m ³	≤1.3×10 ⁵

	0.2	1.5
	0.006	

	PC



RG-AP850-A(V2)



1-4

△ 在主机卡入挂架前

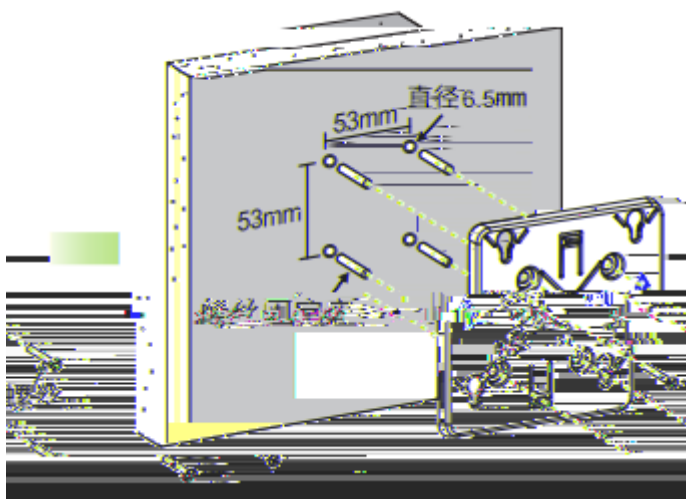


(3)

△ 为便于网线布线



(1) 4 6.5mm 53mm



(2)



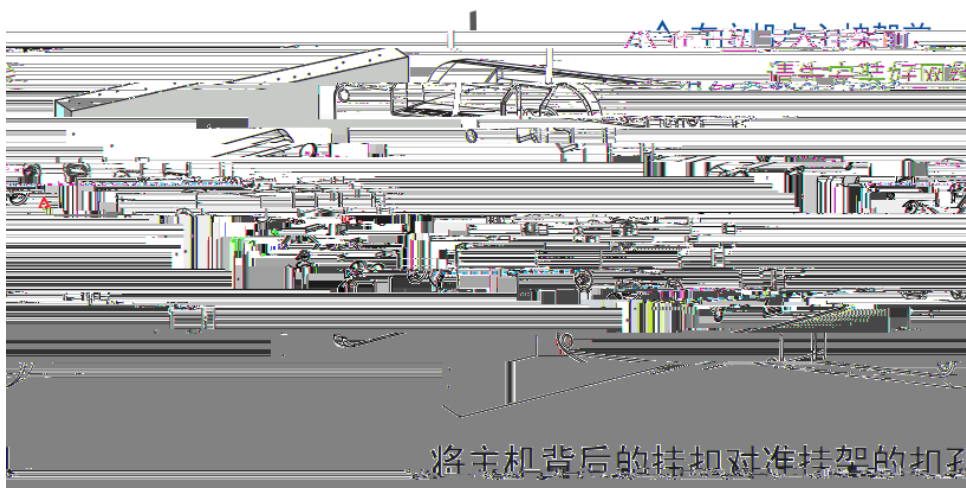
(3)



Logo

(1)

(2)



(1)



	AP	LAN/PoE	AP	7.1	
	Console	9600	8	1	AP

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

1

10

CAPWAP

AC

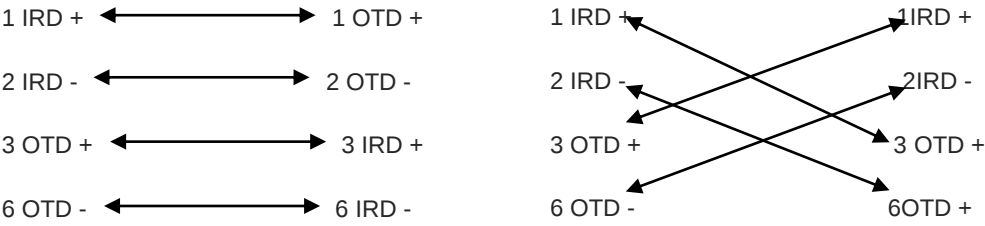
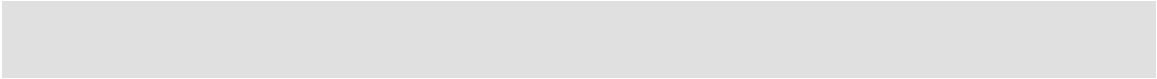
AP

AC

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	

4 5 7 8	Not Used	Not Used
---------	----------	----------

100BASE-TX/10BASE-T



2.5G-SFP-LX03-SM1550-BIDI-I	1550Tx/1310Rx			-9	-3	16	0
GE-SFP-LH40-SM1550-BIDI	1550Tx/1310Rx			-5	0	-23	-3
GE-SFP-LX03-SM1550-BIDI-I	1550Tx/1310Rx			-9	-3	-22	-3
GE-SFP-LX20-SM1550-BIDI	1550Tx/1310Rx			-9	-3	-20	-3
MINI-GBIC-SX-MM850	850			-9.5	0	-17	0
MINI-GBIC-ZX80-SM1550	1550			-2	5	-23	-1
XG-SFP-ER-SM1550	1550			-4.7	4	-11.3	-1
XG-SFP-ZR-SM1550	1550			0	4	-24	-7
XG-SFP-SR-MM850	850			-5	-1	-7.5	0.5

SFP L

2.5G-SFP-LX03-SM1550-BIDI-I	LC		9/125	3km
GE-SFP-LH40-SM1550-BIDI	LC		9/125	40km
GE-SFP-LX03-SM1550-BIDI-I	LC		9/125	3km
GE-SFP-LX20-SM1550-BIDI	LC		9/125	20km
MINI-GBIC-SX-MM850	LC		50/125	550m



40

40

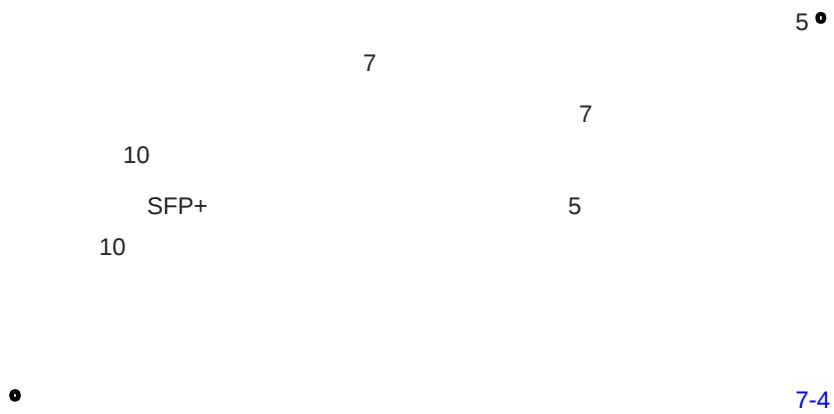
/3km	2.5G-SFP-LX03-SM1310-BIDI-I 2.5G-SFP-LX03-SM1550-BIDI-I GE-SFP-LX03-SM1310-BIDI-I GE-SFP-LX03-SM1550-BIDI-I
/20km	GE-SFP-LX20-SM1310-BIDI GE-SFP-LX20-SM1550-BIDI
/40km	GE-SFP-LH40-SM1310-BIDI GE-SFP-LH40-SM1550-BIDI



BIDI
LX03-SM1310-BIDI-I

2.5G-SFP-LX03-SM1550-BIDI-I

2.5G-SFP-



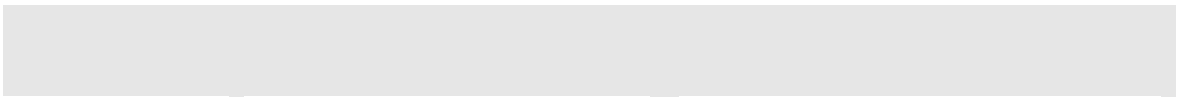
7-6



220V

-48V

7-7



DC54V

1.1A

2.1mm	5.5mm	9.5mm	

