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PACS

2.4G

2.4G

APD 5G

5G

- | | | | | | |
|------|---------|--------|-------|------|-----|
| 1 | AP4210 | AP4220 | 2.4G | 2.4G | 5G |
| 11ac | | | | | |
| 2 | APD-M | AC | APD-M | EA | |
| HPOE | | POE | | | |
| 3 | 2.4G+5G | 11AC | | | 2.0 |



AP

--RG-AP4220

AP4220 10 8 WIFI 2

RFID 4

STATUS 1 R1-1 R1-2

R1-1 R1-2

R1-1 R1-2

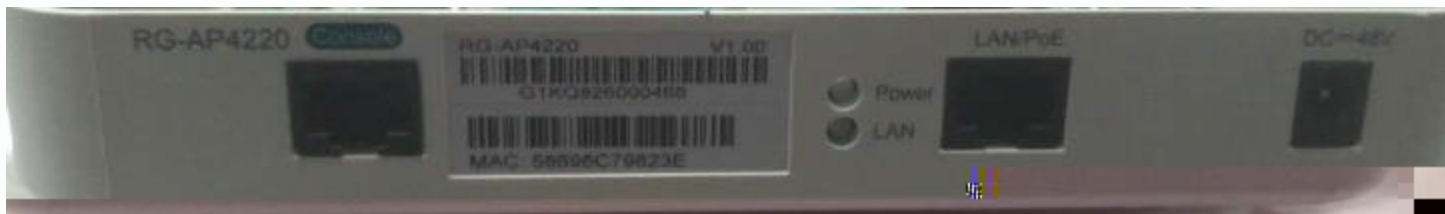
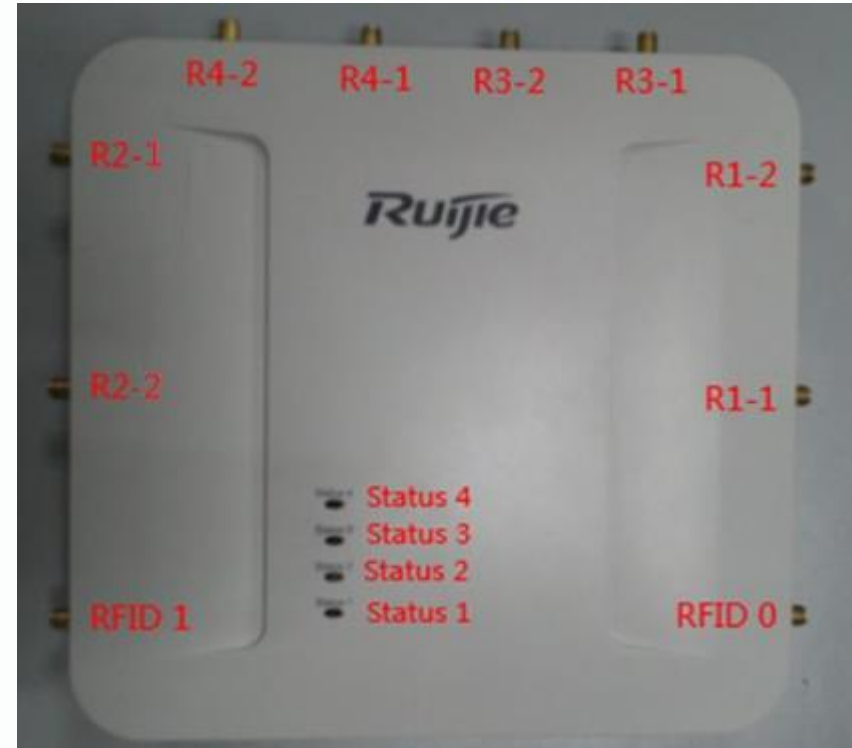
R1-1 R1-2

R1-1 R1-2

radio

console LAN/POE

48V power LAN



AP

--RG-AP4220



		RG-AP4220
		AP
		802.11/b/g/n 802.11a/n/ac
		48V /0.5A DC
	POE	802.3af
		12.95W
		-10 50
		-40 70
		10% 95%
		5% 95%
x x	mm	200x190x35
Kg		0.8Kg



RG-APD-M(EA)

APD-M(EA)

APD-M(AC)

3 LAN

LAN2

HPOE

I

RG-APD-M EA





	18 SMA SMA RG-Cab-SMA- 18m-MJ	35 SMA SMA RG-Cab-SMA- 35m-MJ	5/10/15 SMA SMA RG-DCAB-SMA- 5m/10m/15m-SP
(MHz)	2400 2500 5150~5850	2400 2500 5150~5850	2400 2500 5150~5850
(m)	18	35	5/10
	1.3	1.3	1.3
()	50	50	50
	SMA-SMA	SMA-SMA	SMA-SMA
	-10 +55	-10 +55	-10 +55
	-40 +70	-40 +70	-40 +70

RG-IOA-2503-X5

	RG-IOA-2503-X5
	×36
	0.14
dBi	7dBi@2400-2500MHz5dBi@5150-5850MHz
	SMA
MHz	2400-2500MHz&5150-5850MHz
	-



SMA

24mm

46mm

RG-IOA-2503-X6

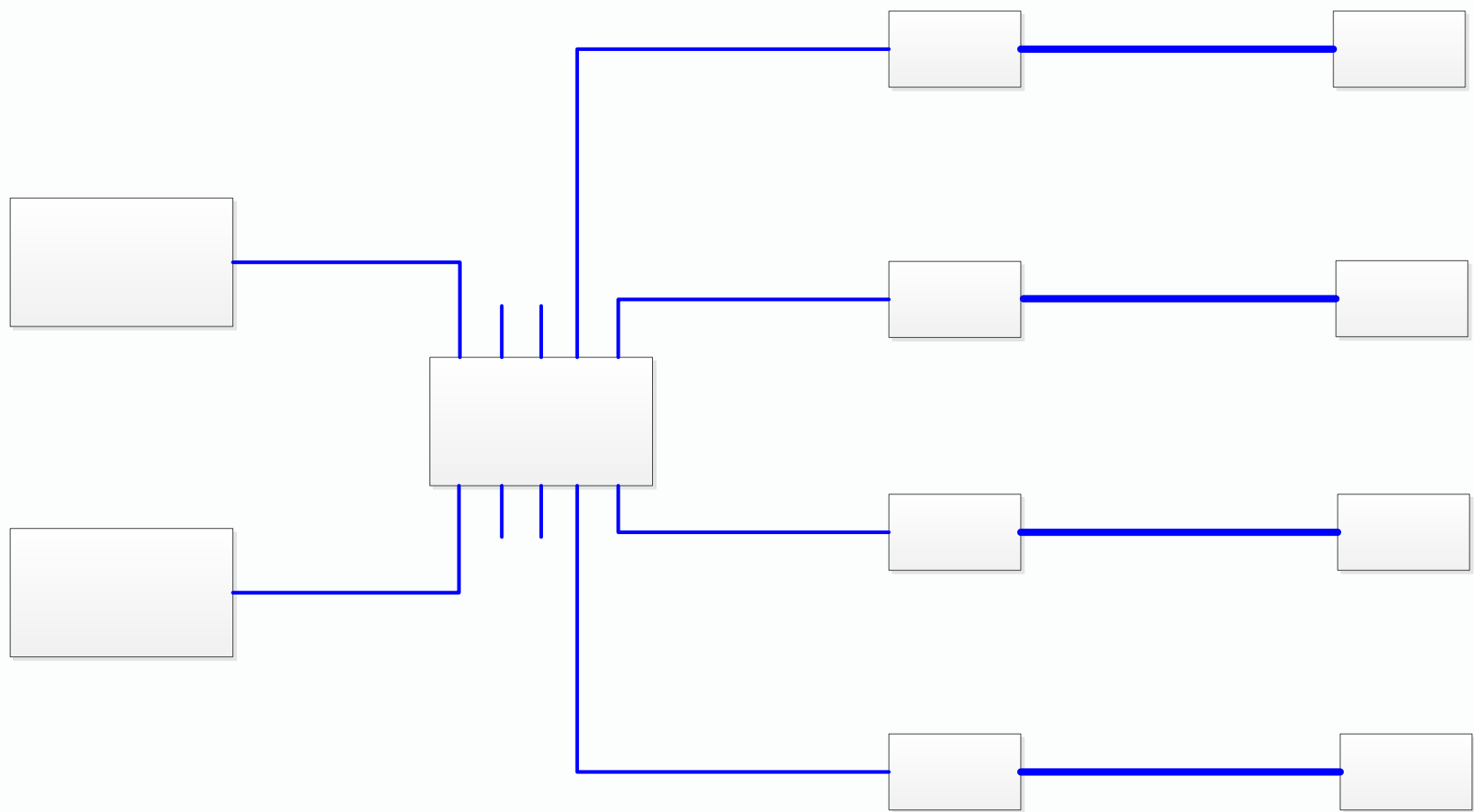
1 4 M3*16mm
2
>10cm

SMA

POE	XXXX-12/24P	1	POE
RG-AP4220	RG-AP4220	1	AP
	RG-APD-M EA	8	
RG-Cab-SMA-18m-MJ	SMA SMA 18m	8	18
RG-Cab-SMA-35m-MJ	SMA SMA 35m		35
RG-DCAB-SMA-5m	SMA SMA 5m	48	SMA SMA 5m
RG-DCAB-SMA-10m	SMA SMA 10m		SMA SMA 10m



I



APD-M EA

4

- 1 2.4G
- 2 5G 11ac
- 3 2.4G

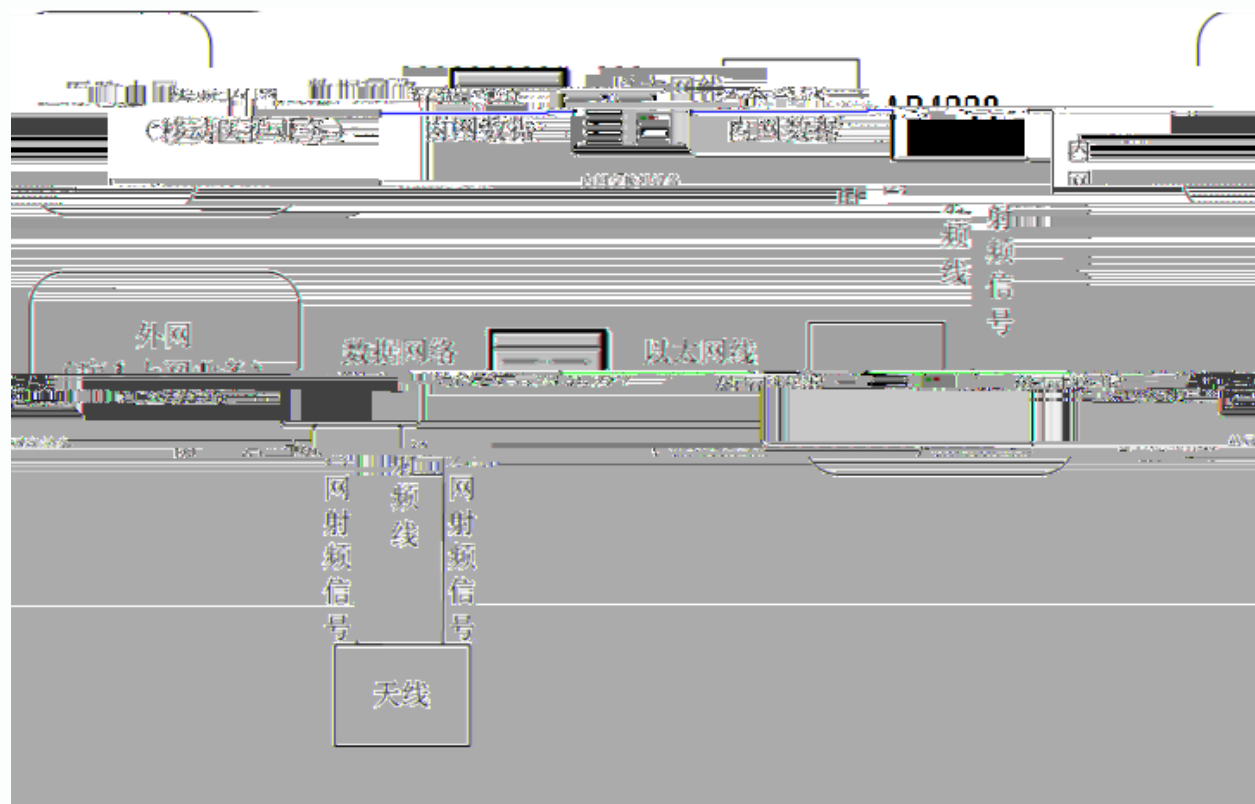


AP4220

APD-M EA

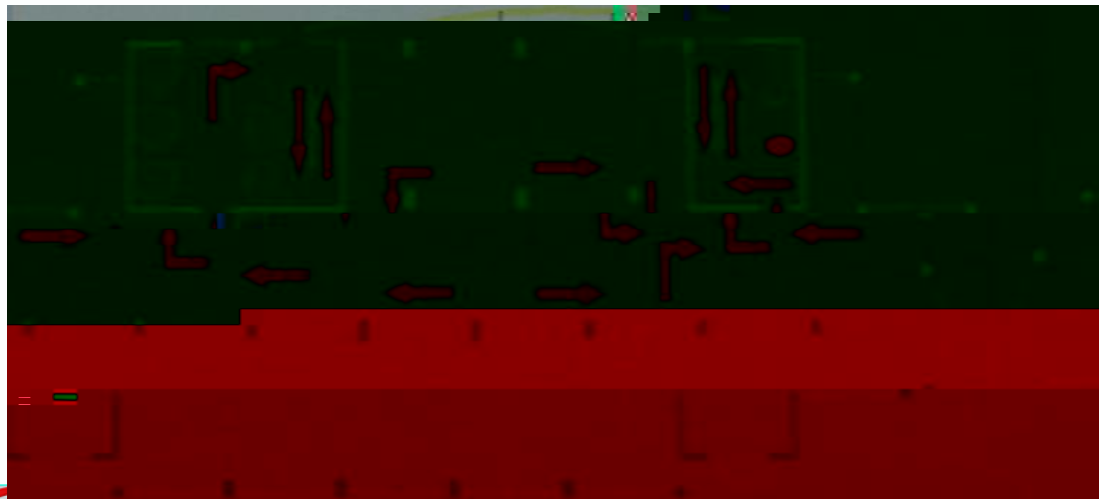
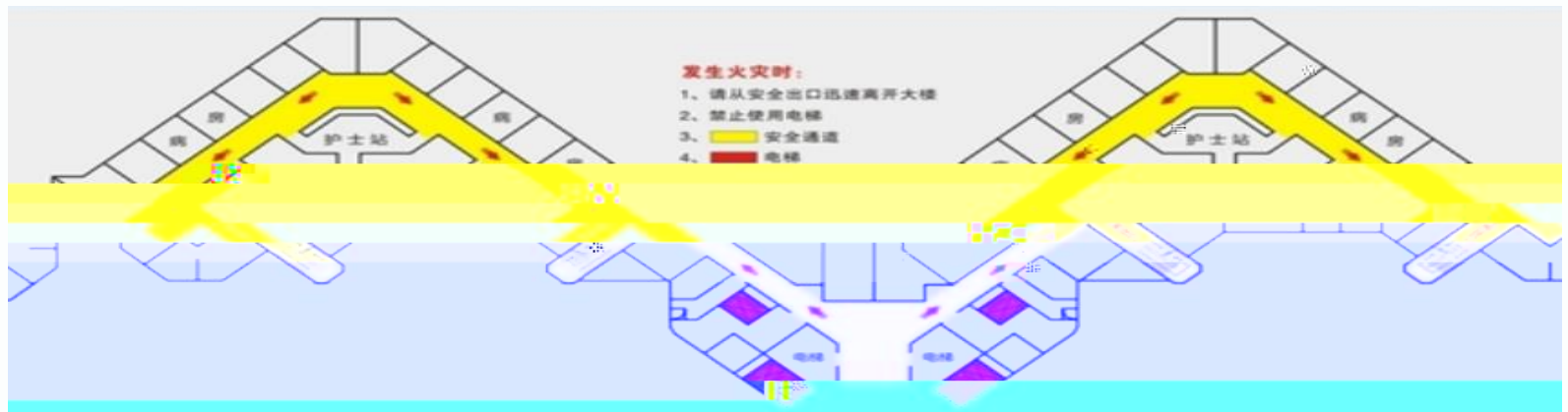
APD

AP





20



1									
	a							48	
	b			AP		50			100
2			1	AP					
3				APD					
		4	2						
4			1		1				
5		5G						8	
		L			L				
6				AP					
7	APD-M	EA		POE+			POE		
					1	AP4220+8	APD-M	EA	
	2928G-12P					24P			
8	APD-M	EA		AP			AC	license	
			9	AP	AP4220+8	APD			
9	APD-M	EA		HPOE			LAN2		POE



AP4220 APD-M EA

1 AP4220 2.4G+5.8G 11ac
40Mb+200Mb

50Mb+270Mb

	2	5~6
	1~2	2 PACS 60Mbps

2 APD-M EA 2.4G

APD-M	EA	ap	11	1	
AP4220	1	6			SSID

```

ap-config APD-EA-4
ap-mac 00d0.f822.35ba
ap-group APDMEA
no fair-schedule
channel 11 radio 1
channel 36 radio 2
chan-width 40 radio 2
apsd disable radio 1
apsd disable radio 2
antdetect enable

```

```

ap-config AP4220
ap-mac 00d0.f822.358e
ap-group fyyy4220
no fair-schedule
channel 1 radio 1
channel 149 radio 2
no short-gi enable radio 1 chan-width 20
802.11n mcs support 7 radio 1
apsd disable radio 1
power local 100 radio 2
antdetect enable

```

AP /

/

AP4220 short-gi

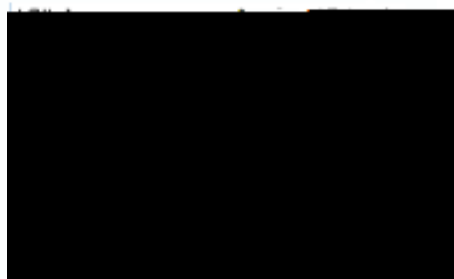
AP4220 APD

antdetect enable

AC#show antenna all

ap	0 1 2 3	0 1 2 3	0 1 2 3	0 1 2 3	0 1 2 3	0 1 2 3	
	- N N -	- N N -	- Y Y -	- Y N -	- - - -	- - - -	AP4220
	- Y Y -	- Y Y -	- Y Y -	- Y Y -	- Y Y -	- N N -	APD-02
	- Y Y -	- Y Y -	- Y Y -	- N N -	- Y Y -	- Y Y -	APD-03
	- Y Y -	- Y Y -	- Y Y -	- N N -	- Y Y -	- Y Y -	APD-01

AC



AP

Ruijie#show antenna

R1 antenna 1: Y
R1 antenna 2: Y
R2 antenna 1: Y
R2 antenna 2: Y
R3 antenna 1: Y
R3 antenna 2: Y
R4 antenna 1: N
R4 antenna 2: N

R1 antenna 1: Y
R1 antenna 2: Y
R2 antenna 1: Y
R2 antenna 2: Y
R3 antenna 1: Y
R3 antenna 2: Y
R4 antenna 1: N
R4 antenna 2: N

APD-M	EA		5G	5G 11ac		
2.4G	APD			11AC	APD-M	EA

ap-config APD-1

no zero-roam enable 5g

antenna receive

LAN POE APD-M EA LAN 2 HPOE
POE

ap-config APD-1
wired-poe enable port 2

interface gigabitEthernet 0/2
wired



The diagram illustrates the wiring for a P4220 device. It shows a central P4220 unit connected to three APD (Analog-to-Digital Converter) modules. Each APD module is connected to a corresponding antenna module (labeled '天线*6', '天线*5', and '天线*6'). The connections are labeled with cable types and lengths: '5米/10米/15米双股' (5m/10m/15m double-core) and '10米单芯线' (10m single-core). The diagram also shows a 'P4220' label and a '天线*6' label on the right side.



1. PoE

POE/POE+

2.

36V~57V

◆ AP4220

	STATUS 1	R1-1	R1-2
1	R1-1	R1-2	
2	R1-1		R1-2
3	R1-1	R1	



AP4220 5G

1

2 APD-M EA radio 1 AP (2.4G +5G11ac) 2 AP4220
X5/X6

3

short-gi

4

FTP

FTP server client

HTTP chariot

5

APD-M EA

AP

6

APD-M EA

2.4G+5G

2.0

APD 2.4G

+5G

2.4G

7

5G

◆ XX



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