

V1.02

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4008-111-000

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1

RG-AP520(BT)

AP520(BT)

AP(Fit AP)

/

AP(Fat AP)

1.1 RG-AP520(BT)

	2.4G 2x 2MIMO 5G 2x 2MIMO
	2.4G 802.11b/g/n 5G 802.11a/n/ac
	802.11b/g/n 2.4G ~ 2.4835GHz 802.11a/n/ac 5G 5.150 5.350GHz 5.47 5.725 5.725 5.850GHz (
	3dBi
	2
	2.4G 300Mbps 5G 867Mbps 1.167Gbp

OFDM BPSK@6/9Mbps QPSK@12/18Mbps 16-QAM@24/36Mbps 64-QAM@48/72Mbps 256-QAM@96/144Mbps 50% BPSK@6/9Mbps QPSK@12/18Mbps 16-QAM@24/36Mbps 64-QAM@48/72Mbps 256-QAM@96/144Mbps

	-40°C 70°C
	5 95
	5 95
	IP41
	GB4943 IEC 60950-1
EMC	GB9254 EN301 489 EN50155 EN50121
	IEC61373
	EN300 328 EN301 893
MTBF	>400000H

RG-AP520(BT) 2 1 PoE Console

1-1



ap



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

ap

	—	AP	/
	3Hz	■	

2

).(

RG-AP520(BT)

2.2

2.5

RG-AP520(BT)

2.5.1

RG-AP520(BT)

RG-AP520(BT)

2.5.2

RG-AP520(BT)

2.5.3

RG-AP520(BT)

RG-AP520(BT)

-10°C-55°C	5%-95%

2.5.4

(μ m)	0.5	1	3	5

H ₂ S	0.006	0.03
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 0.3A 15W



PoE 802.3af/802.3at PoE

RG-AP520(BT)

12.95W PoE

2.5.6 EMI

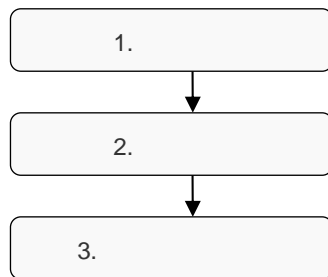
2.6

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3

RG-AP520(BT) AP

3.1



3.2

RG-AP520(BT)

3.3

AP

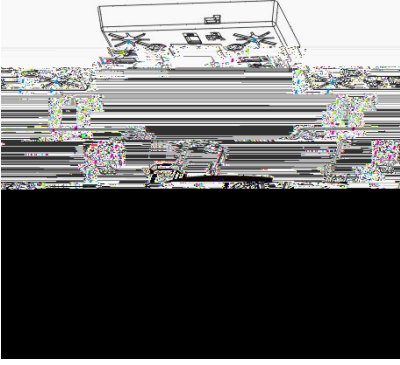
3.4

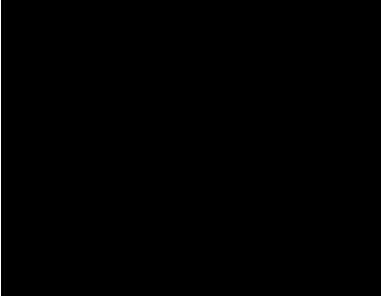
1) 4 6mm 61mm

3-1

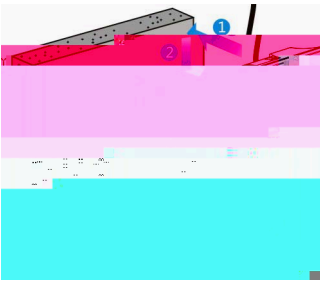


3-2





3-6

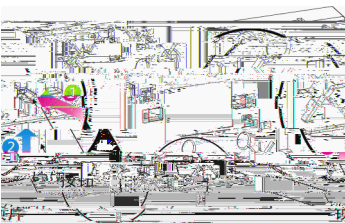


" Ruijie" logo

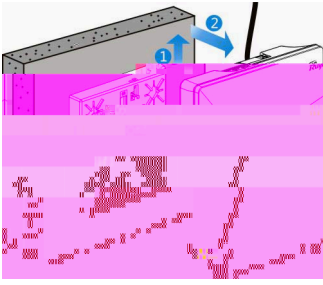
3.5

1)

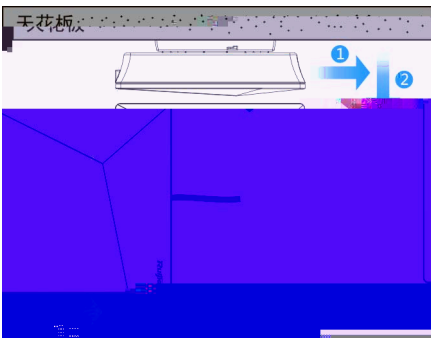
3-7



3-8



3-12



3.7

	AP	LAN/PoE	AP	A	
console		9600	8	1	AP
RG-AP520(BT)					RG-AP520(BT)

3.8

1)

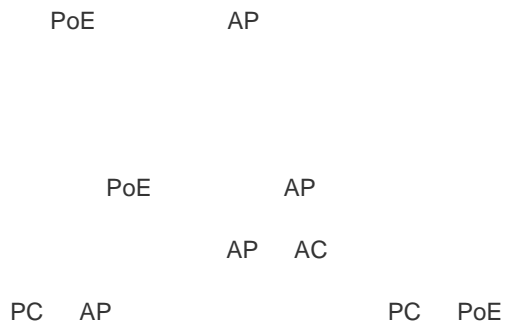
LAN/PoE

3.9

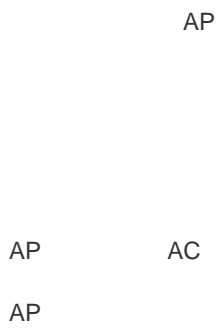
AP

4

4.1



4.2



5

5.1

RG-AP520(BT)

```
AP
AP                               Link down
AP                               CAPWAP
AP
AP           CAPWAP
16  /min  AP           CAPWAP
AP
2      2      AP           AP
AP  /
```

CLI

RG-AP520(BT) AC

```
RG-AP520(BT)           Telnet           RG-AP520(BT)
RG-AP520(BT)
```

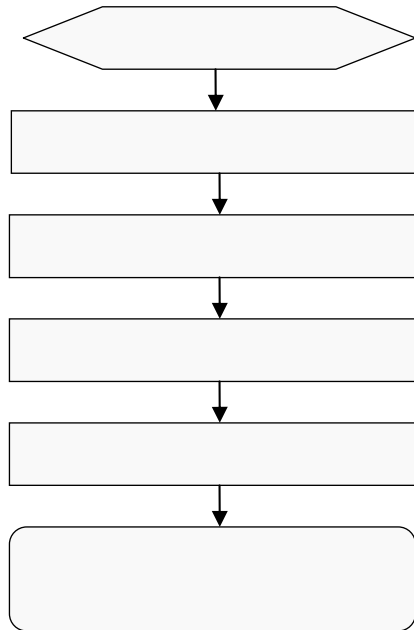
5.2

```
AP           AP           AP
AP           AP           AC
```

5.3

6

6.1



AP

AP

, ,

A — —

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

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

MDI/MDIX Crossover

1000BASE-T IEEE 802.3ab
100

100-ohm 5

5

UTP

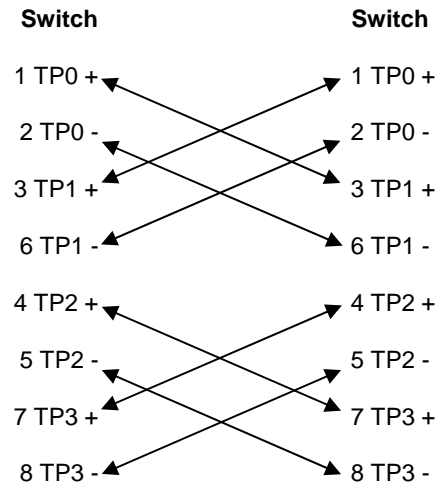
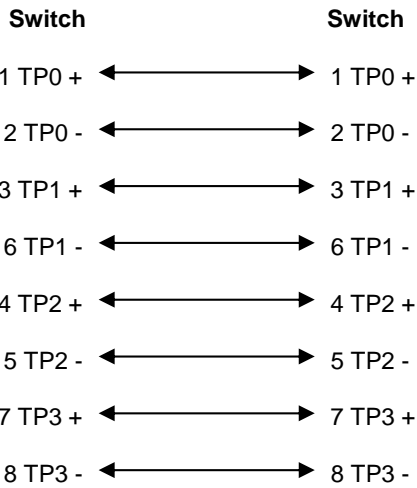
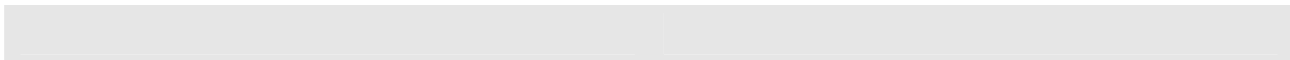
STP

1000BASE-T 4

4

1000BASE-T

A-1 1000BASE-T



100BASE-TX/10BASE-T

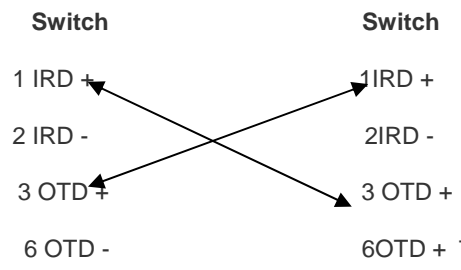
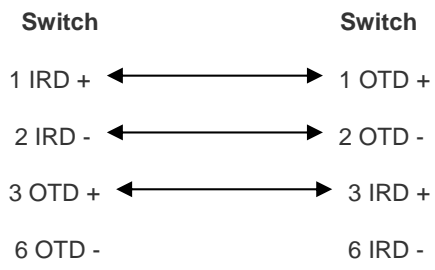
100Mbps

100-ohm 5

100

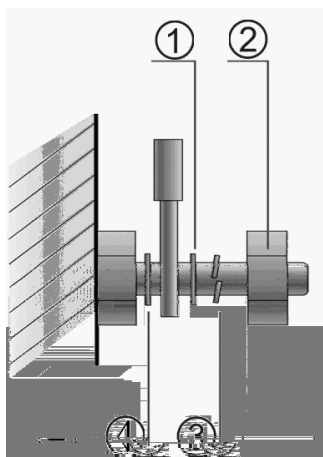
10Mbps

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



6OTD + 7 -35346 | -89.8





(mm)	(mm)
10	80~150
10~30	150~200
30	200~300