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V1.02

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RG-AP520(BT) AP520(BT)
AP(Fit AP) / AP(Fat AP)

1.1 RG-AP520(BT)

L

	2.4G 2 2MIMO 5G 2 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

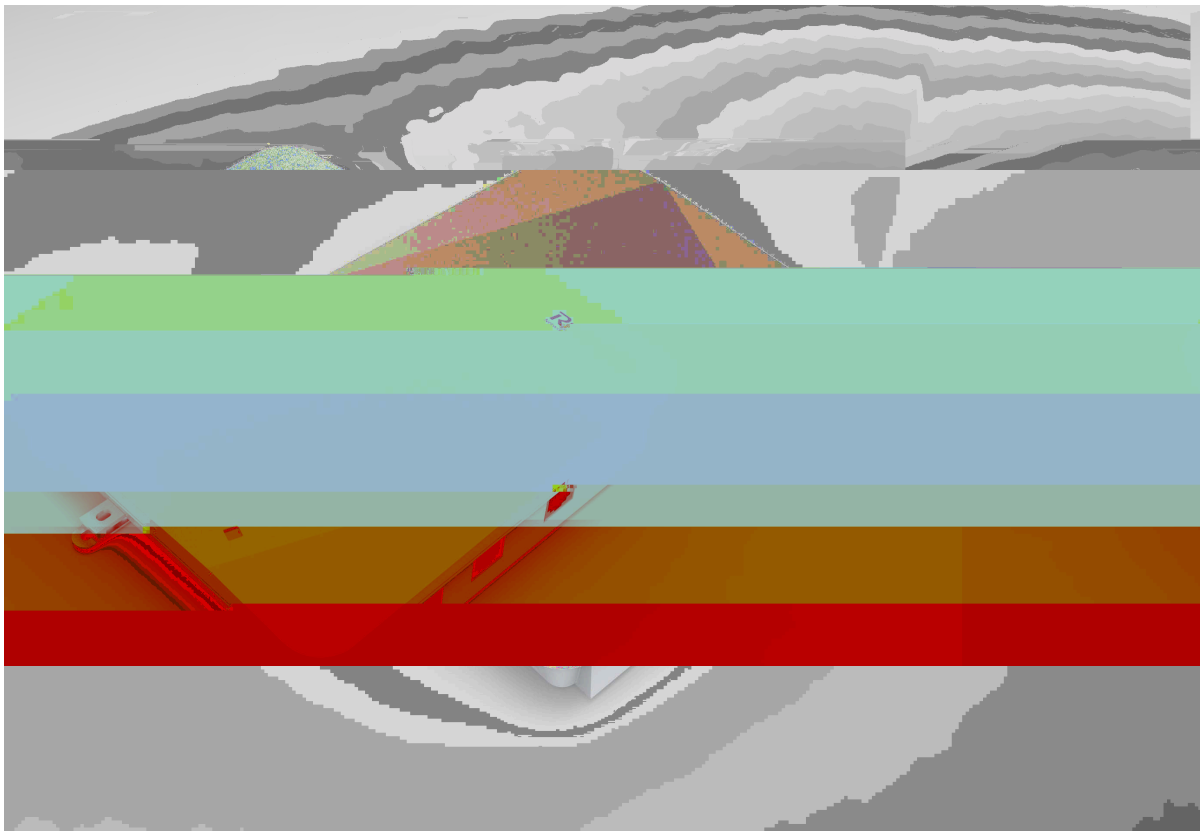
ÖFDM BPSK@6/9Mbps QPSK@12/18Mbps 16-QAM@24/36Mbps 64-QAM@48/54Mbps

	-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

h

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 /min	AP CAPWAP
		AP
	3Hz 2 2	AP AP

ap

		AP /

3Hz

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5.4 Ո

2.2 Ч

2.5 Ꮆ ᠻ Ꮯ

RG-AP520(BT)

2.5.1 Ꮆ Ꮯ

RG-AP520(BT)

RG-AP520(BT)

2.5.2 ڭ ڤ Ꮯ

RG-AP520(BT)

2.5.3 Ꮯ

RG-AP520(BT)

RG-AP520(BT)

-10 C-55 C	5%-95%

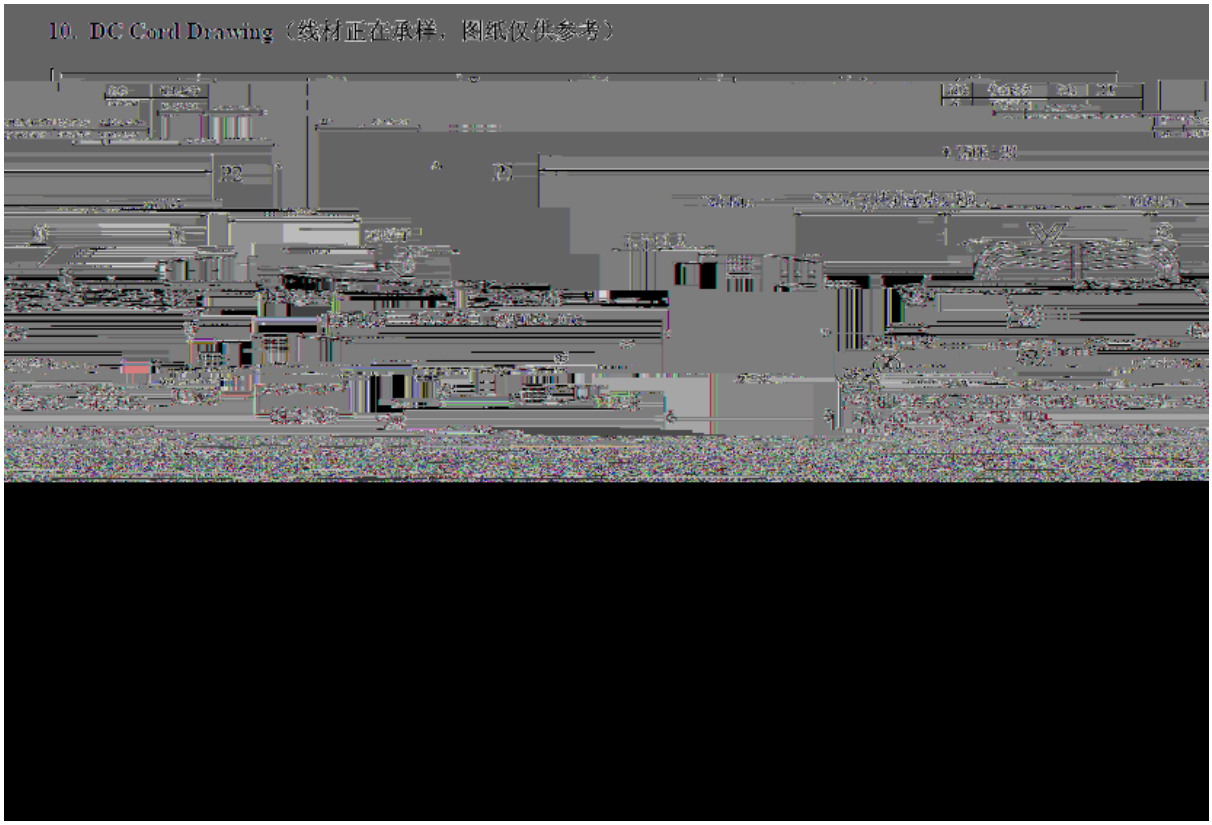
2.5.4 Ꮯ

(m)	0.5	1	3	5

H_2S	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 ≠ Ɛ

DC11.4-12.6V 0.3A 15W



PoE 802.3af/802.3at PoE

RG-AP520(BT) 12.95W PoE

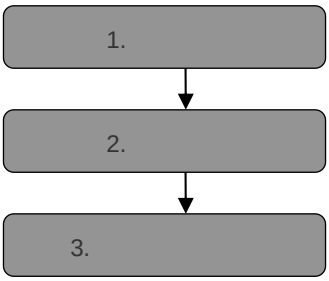
2.5.6 EMI Ɛ

2.6 ϥ

3

RG-AP520(BT) AP

3.1



3.2

RG-AP520(BT)

3.3

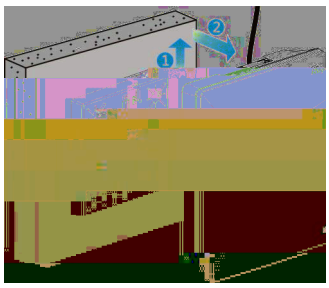
AP

3.4 ዓ ᴡ

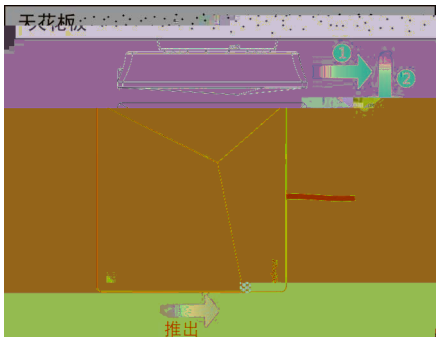
1) 4 6mm 61mm

3-1

3-2



3-12



3.7 ﻯ ﻩ ﻫ

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	AP	LAN/PoE	AP		A	
console		9600	8		1	AP

RG-AP520(BT) RG-AP520(BT)

3.8 ﺓ ﻩ

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1) LAN/PoE

3.9 Ϥ ᑊ

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AP

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PoE AP

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PoE AP

AP AC

PC AP PC PoE

4.2 ≠

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AP

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AP AC

AP

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5.1 ㄱ ᄇ̆ ㅅ

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RG-AP520(BT)

AP

AP Link down

AP CAPWAP

AP

AP CAPWAP

16 /min AP CAPWAP

AP

2 2 AP AP

AP /

CLI t ᄀᄇ

RG-AP520(BT) AC

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

5.2 ★ˀ ㅓ

AP AP AP

AP AP AC

5.3 ˋ ㅓ

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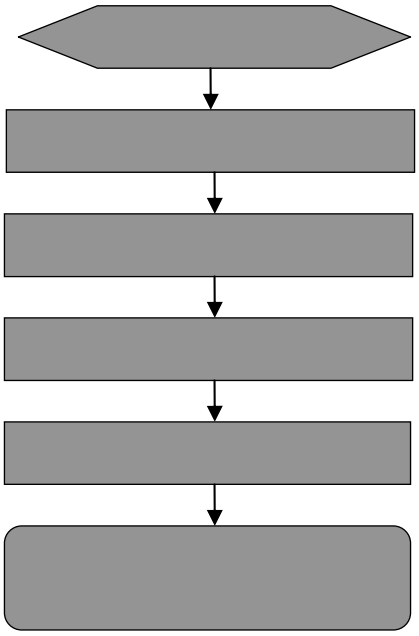
6.1 Ч е ь ы



AP

AP

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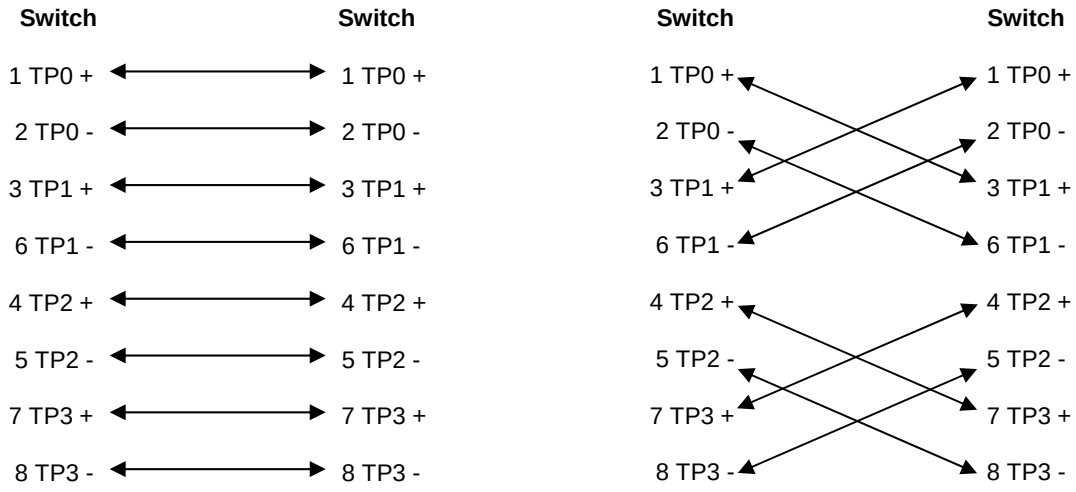
1000BASE-T/100BASE-TX/10BASE-T ˜

1000BASE-T/100BASE-TX/10BASE-T MDI/MDIX Crossover

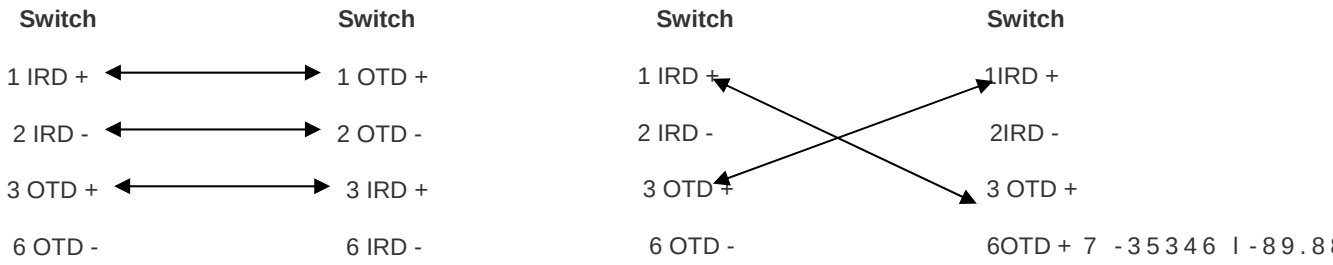
1000BASE-T IEEE 802.3ab 100-ohm 5 5 UTP STP 100

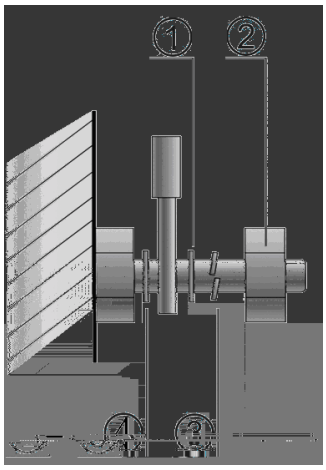
1000BASE-T 4 4 1000BASE-T

A-1 1000BASE-T



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


Switch
Switch
1 IRD +
1 OTD +
2 IRD -
2 OTD -
3 OTD +
3 IRD +
6 OTD -
6 IRD -
Switch
Switch
1 IRD +
1IRD +
2 IRD -
2IRD -
3 OTD +
3 OTD +
6 OTD -
6OTD + 7 -35346 I-89.8



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