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copyright © 2023 [illegible]

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- iHÈy https://www.ruijie.com.cn
- iHÈ44ý https://www.ruijie.com.cn/fw/
- iHÈ 7*24h4Uy https://ocs.ruijie.com.cn
- iHÈ 7*24h E 4008-111-000
- iHÈ4ZÀ 4i:yE http7*24h

2. ý

ÊPBÊ ÕÊ

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1 C| É

1.1 CÞÒ

[illegible] 2.0 @ã È@3)k+Ç]È[ÈECS]ÑÈ6)PÈ¼ 10k+ÇN@7-
ë1yLNÈ 6*Ç´ ê k+Ç+X@ã ¿ÄÄ

[illegible] APÃ APDÃNÄ561yÄ&ÈÈ AP ¶ 48 ÄÈ È RFID 4NÄÇÈ
RFID È7-È APD µ@6 APÈ 5G NÄ¿6ÈN@7-ë0=Ä 1F61yG}&È 9
>06È&ÈÈ ÄuLÈ&ÇH&Ä

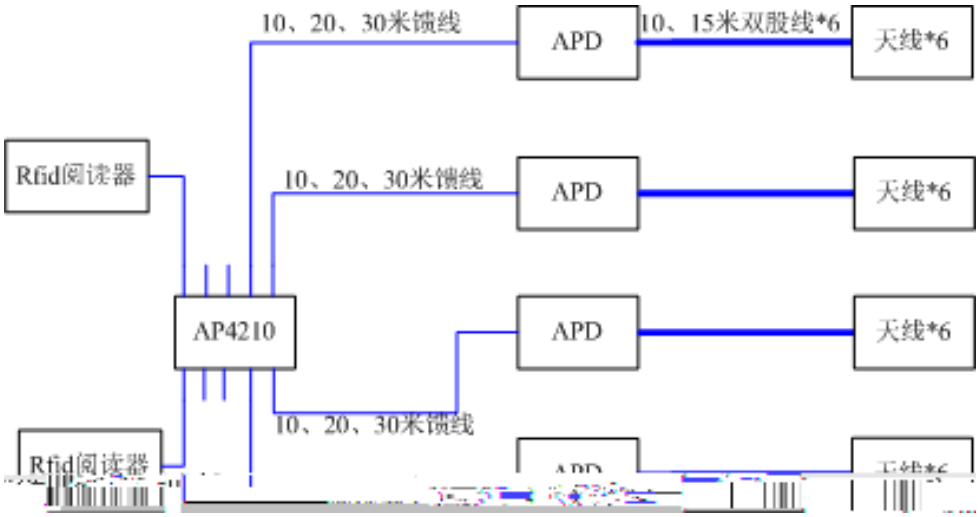
[illegible] @Ö

RG-AP4210Ö M&%[È@ÄC+X AP A7È G+X 802.11N APÈ 1 NÄ ÈN@7-ÈMW,4Ö
&È ñ

RG-APD-MÖ06s„ú4× (xÈ:>| AP

z RG-IOA-2505-S1Ö. D ¼ÁÈ G}8 APD-S ÷X ×

. 1-1 k+ÇM&%[ß V2.0 @ã 46ñj?



1.2 ¼ÊÃ] O”

1.2.1 RG-AP4210

1.2.1.1 RG-AP4210 CÊ

ñ	RG-AP4210
4ÊÃ	

PEÃÞ D. ¼F

	JiÀ7M0ïËeÈ AP 1F_ af ,÷eGÅ
1Ñ61	1 Z console
4NÃÕ	8 Ê5ÀNÁ +2 Z RFID 4NÁ
+eÀ	1 PoE ÊÈe 802.3af QÈeÄ
ÑÁ	802.11b/g/nÖ 2.4GHz-2.4835GHz ÄÅ
B3f°_	OFDMÖ BPSK@6/9MbpsÈ QPSK@12/18MbpsÈ 16-QAM@24MbpsÈ 64-QAM@48/54Mbps DSSSÖ DBPSK@1MbpsÈ DQPSK@2MbpsÈ CCK@5.5/11Mbps MIMO-OFDMÖ BPSKÈ QPSKÈ 16QAM È 64QAM
4Ï·	11bÖ 14dBm 11gÖ 14dBm(6Mbps)È 12dBm(54MbpsÅ 11ngÖ 14dBm(MCS0)È 12dBm(MCS7Å
)Ã	FJE÷IP41 LbÜLbHAÕñ ÑE Ö -10e C 50e C ÕÖ -40e C 70e C ÕE 10Á 95ÄÅ ÕÖ 5Á 95ÄÅ
0WÏ6G	10.8W
Ã	FÚ GB 4943.1Ã EN/IEC 60950-1
EMC Ã	FÚ EN301 489
Health	EN 62311
4NÃ	4ÄA7hÃ EN300 328Ã EN301 893

V2.0 @ã ó~0

1.2.1.3 RG-AP4210 CØ”

7ÿ¿	M7Aö	¿e	¿
		58ÿ¿	4Ñ R1-1&R1-2
¿e7ÿ¿	Status1		

1.2.2 RG-APD æ

1.2.2.1 RG-APD ©ª

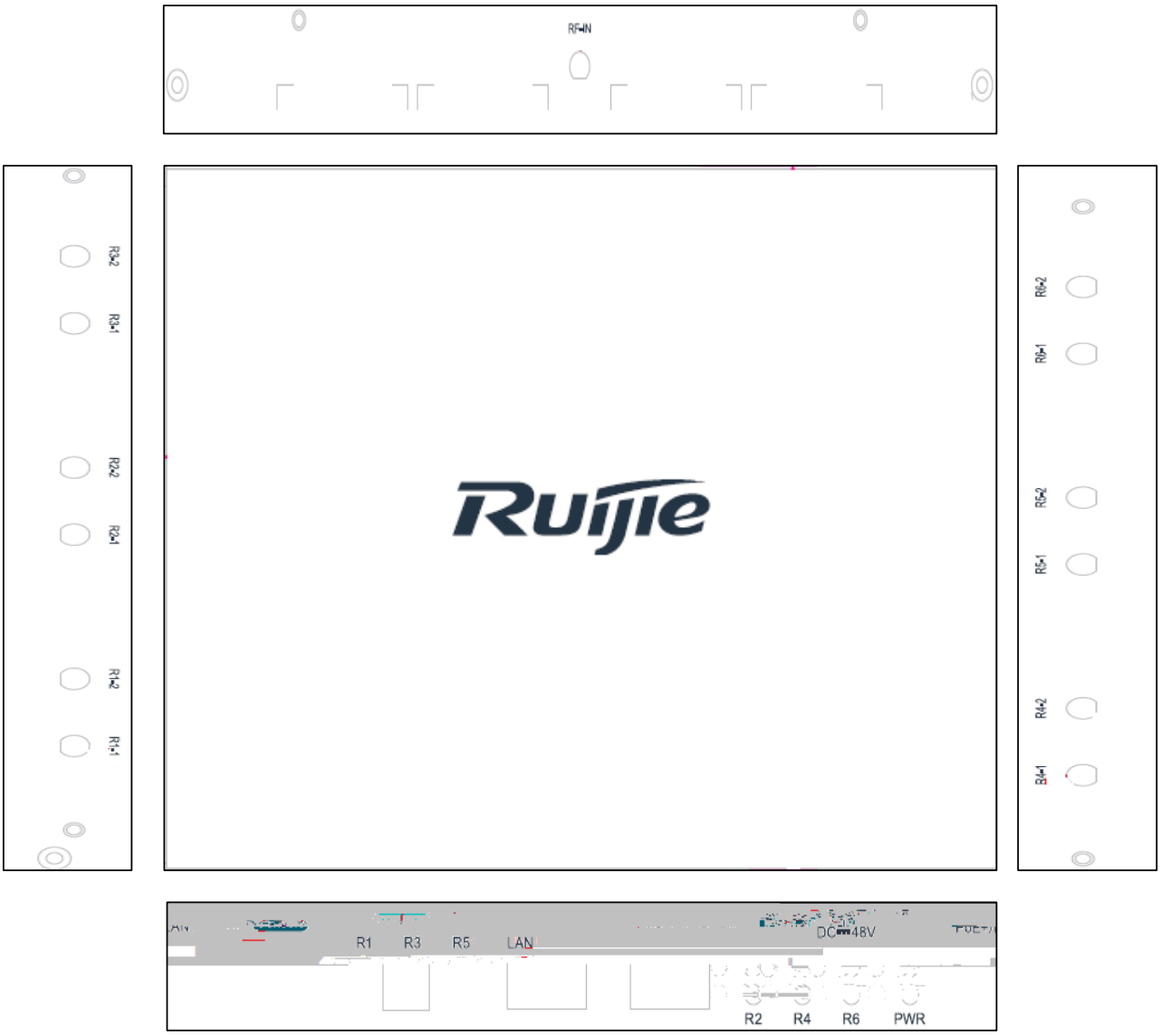
ñ	RG-APD-M

0WÖGÖ	23W
Ø	FÚÜ GB 4943.1Ã EN/IEC 60950-1

	DSSSÖ DBPSK@1MbpsÈ DQPSK@2MbpsÈ CCK@5.5/11Mbps MIMO-OFDMÖ BPSKÈ QPSKÈ 16QAM È 64QAM and 256QAM
4)·	11bÖ 16dBm 11gÖ 16dBm(6Mbps)È 13dBm(54Mbps) 11aÖ 14dBm(6Mbps)È 10dBm(54Mbps) 11ngÖ 14dBm(MCS0)È 10dBm(MCS7) 11naÖ 14dBm(MCS0)È 10dBm(MCS7) 11acÖ 14dBm(MCS0)È 9dBm(MCS9)
)ß	FJE÷IP41 LbÜLbHAÔñ ÜÉ -10e C 55e C ÜÖ -40e C 70e ÜÉ 5Á 95ÄÅ ÜÖ 0Á 100ÄÅ
0WÖ6G	23W
ß	FÚ GB 4943.1Ã EN/IEC 60950-1
EMC ß	FÚ EN301 489
Health	EN 62311
4NÁ	4ïA7hÃ EN300 328Ã EN301 893

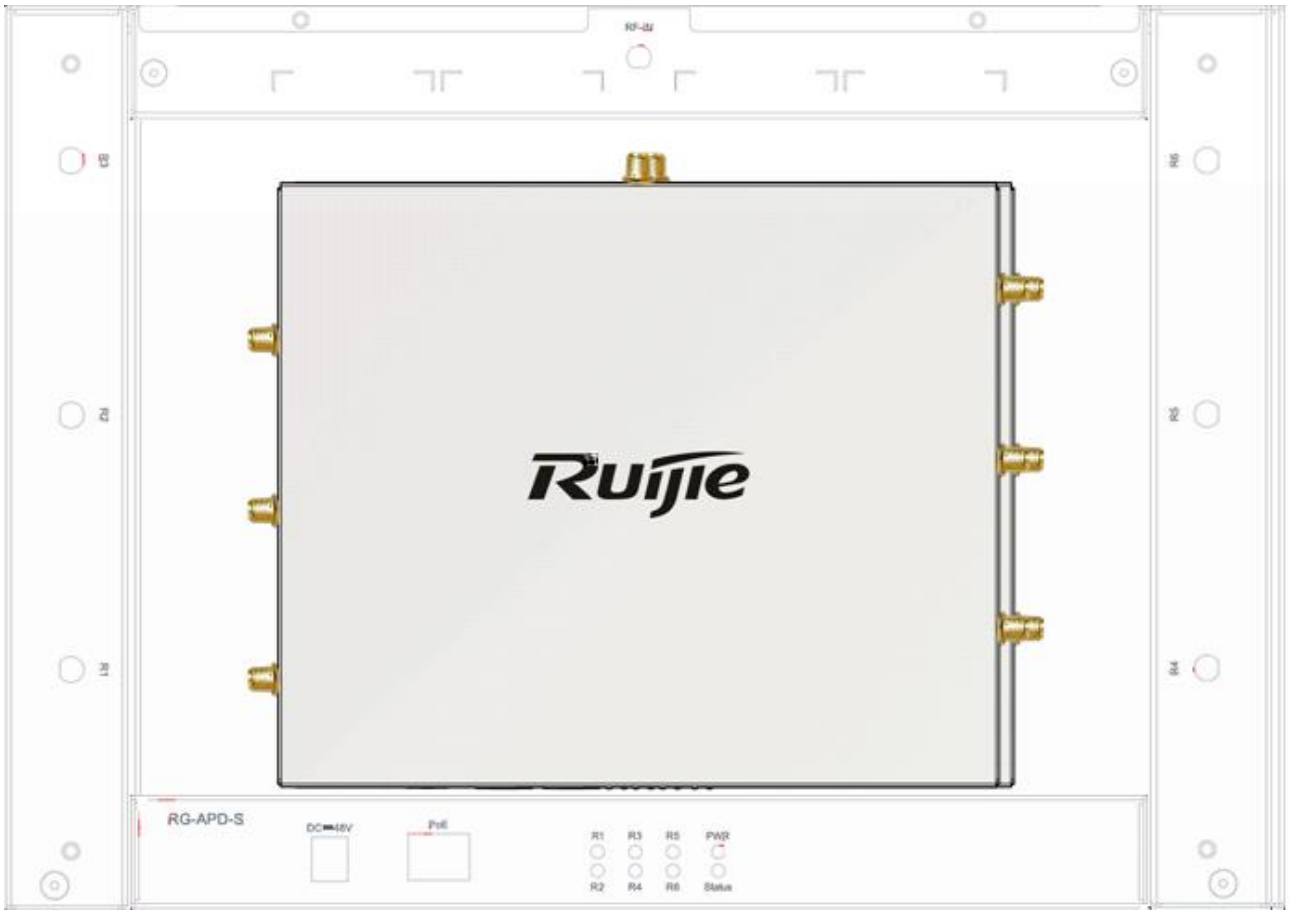
1.2.2.2 RG-APD CØ ¢

RG-APD-M



1. R1	R1-1&R1-2	12.R1-1 AP	1 CH0,SMA
2. R2	R2-1&R2-2	13.R1-2 APD	1 SMA
3. R3	R3-1&R3-2	14.R2-1 AP	2 CH0,SMA
4. R4	R4-1&R4-2	15.R2-2 APD	2 SMA
5. R5 .	R5-1&R5-2	16.R3-1 AP	3 CH0,SMA
6. R6	R6-1&R6-2	17.R3-2 APD	3 SMA
7. LAN	LAN	18.R4-1 AP	4 CH1,SMA
8. PWR		19.R4-2 APD	4 SMA
9.PoE+/LAN. PoE	LAN	20.R5-1 AP	5 CH1,SMA
10.48V		21.R5-2 APD	5 SMA
11.Console	RJ45	22.R6-1 AP	6 CH1,SMA
		22.R6-2 APD	6 SMA
		23.RFIN	SMA

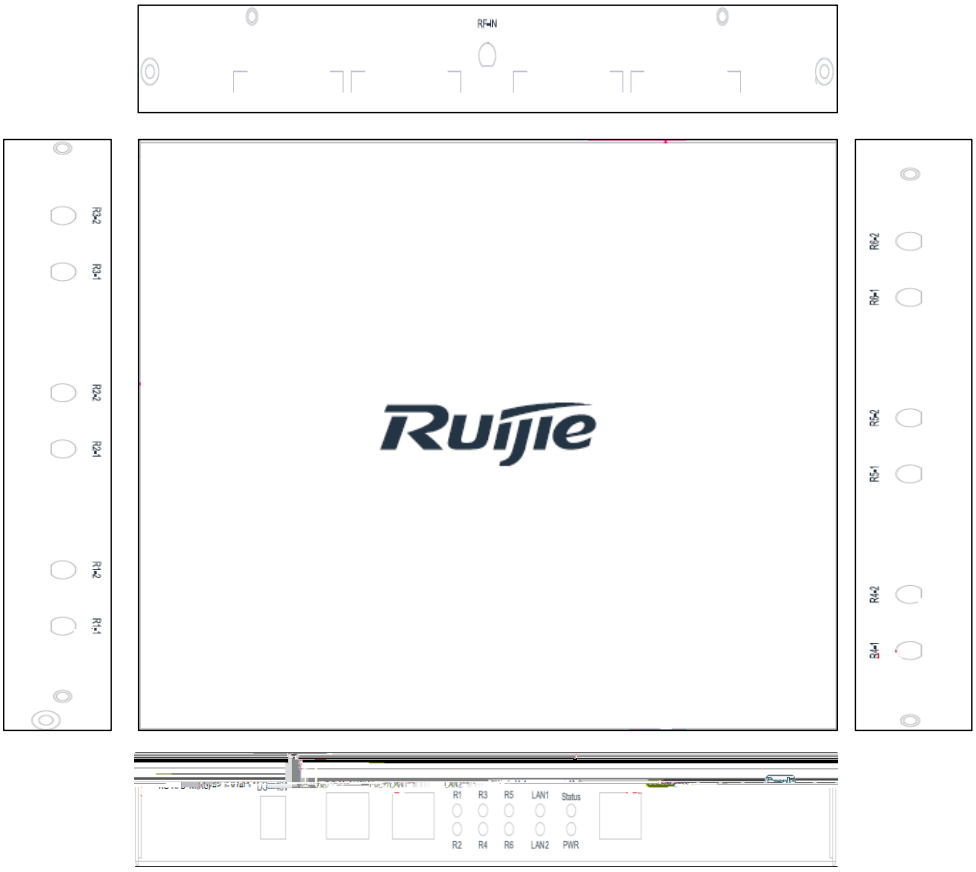
RG-APD-S



1. R1 R1
2. R2 R2
3. R3 R3
4. R4 R4
5. R5 . R5
6. R6 R6
7. PWR
8. Status
10.48V

11.R1 1 SMA
..9 12.R2 2 reW* nBT/F210 9 Tf1 0 0 1 165.58 385.
3>> BDC 357.55 380.95 181.7
3>> BDC 357.55 380.95 181.7

12. R2 8>l TJETO EMC /P /MCID 58>> BDC 352.15 271.73 191.9 140.42 reW* nBT/F10 9 Tf1 0 0 1 165.74 323.63 Tm0.2 g0.2 G[12344EC1>13


R1-2
R1-1
R2-2
R2-1
R3-2
R3-1
R4-2
R4-1
R5-2
R5-1
R6-2
R6-1
R1
R3
R5
LAN1
Status
R2
R4
R6
LAN2
PWR

1. R1 R1-1&R1-2

(ãÈ7/j&Ÿ R1

RG-APD-M(AC)

7/j&Ÿ	M’ ¯ 7Aö	(æ 1	[y
(æ 1 7/j&Ÿ	R1	5/8¢&Ÿ Þ	4NÁ R1-1&R1-2 Œ!“ h
		4Ò8¢&ŸÞ	4NÁ R1-1 =.ž Ê È 4NÁ R1-2 2 h
		&Ÿ&•	4NÁ R1-1 2 h È 4NÁ R1-2 !“ h
(æ 1 7/j&Ÿ	R2	5/8¢&Ÿ Þ	4NÁ R2-1&R2-2 Œ!“ h
		4Ò8¢&ŸÞ	4NÁ R2-1 =.ž Ê È 4NÁ R2-2 2 h
		&Ÿ&•	4NÁ R2-1 2 h È 4NÁ R2-2 !“ h

(æ 1 7/j&Ÿ

=ÆÁÒ4ÈÛ	RG-APD-S @ Rn ÛÌ	RG-IOA-2505-S1 4õ

RG-Cab-SMA-15m 4Ì56Fß.Ö

# Gú Ö	’	LMA240 4NÁD#4ï È15 2£
	“	SMA Ä µ=ê4é µ „ ÅEœ Õ d
	”	SMA Ä F=ê4é µJ¸ ÅEœ Õ d

=ÆÁÒ4ÈÛ	RG

[redacted]

6	JL-RSG	热缩管	PET	1PCS

[redacted]

15m ÈÕ4(ÈÕ56KÕÕ 15m

=ÈÕ4Ïõ	APD-M µ	(Rn-1= Rn-2)Âõ*,º FÛõ	

1.2.5 RG-IOA-2503-X1 ŽÝ

1.2.5.1 RG-IOA-2503-X1 ŽÇÊ

ñ	D ÍÏ RG-IOA-2503-X1 V1.00
j (mm	201x45x43.5
GÇÿ Kg	0Ê 3
Ïµ dBi	3
P#	0 2.5@2400-2500MHz 0 2.5@5700-5850MHz
ÝÕ	

3

›ß		ß?
ßÖ	ßÈ	-30 +65
	ßÖ	-30 +65
ßÖ	ßÈ	10%~ 95%ÑßÄ
	ßß	5%~95%ÑßÄ

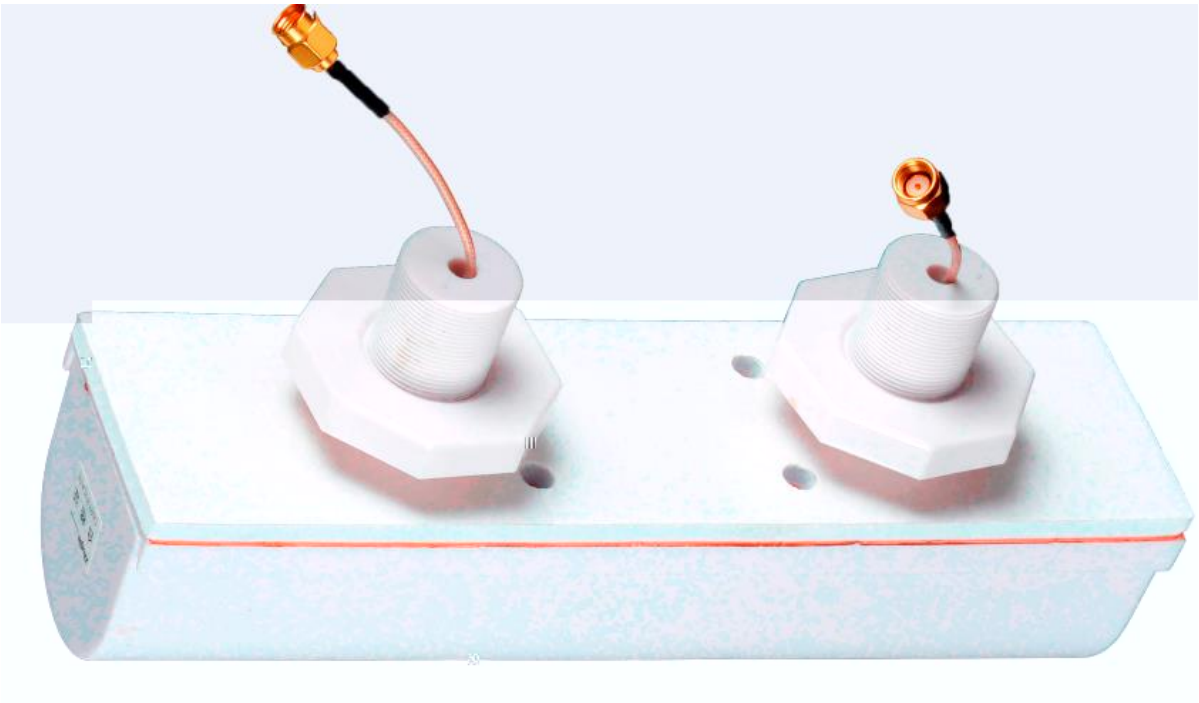
ßÖ ß

ßÑ RG-IOA-2503-X1 V1.00 5[2 Z ß W SMA ß Ä µ Å ßß FMbX jßEé ßß/jÖ

		RG-IOA-2503-X2 V1.00
j (mm		200x53x25
GÇÿ Kg		0.25
Îú dBi		2
P¥		0 2.5@2400-2500MHz 0 2.5@5700-5850MHz
¥LÄÖ dB		40
LkÇ (¡)		50
Õ		ý W SMA Å
NÉÁ		2.4000GHz-2.4835GHz× 5.725GHz-5.850GHz
›ê		hN?
Ö	ÕÉ	-30 +65
	ÇÖ	-30 +65
Ö	ÕÉ	10%~ 95%ÄÇÅ
	ÕÉ	5%~95%ÄÇÅ

1.2.6.2 Ø ¢

DÉ RG-IOA-2503-X2 V1.00 5[2 Z ý W SMA ý Ä µ Å ÕÉ X j6M' È ;p/jÖ

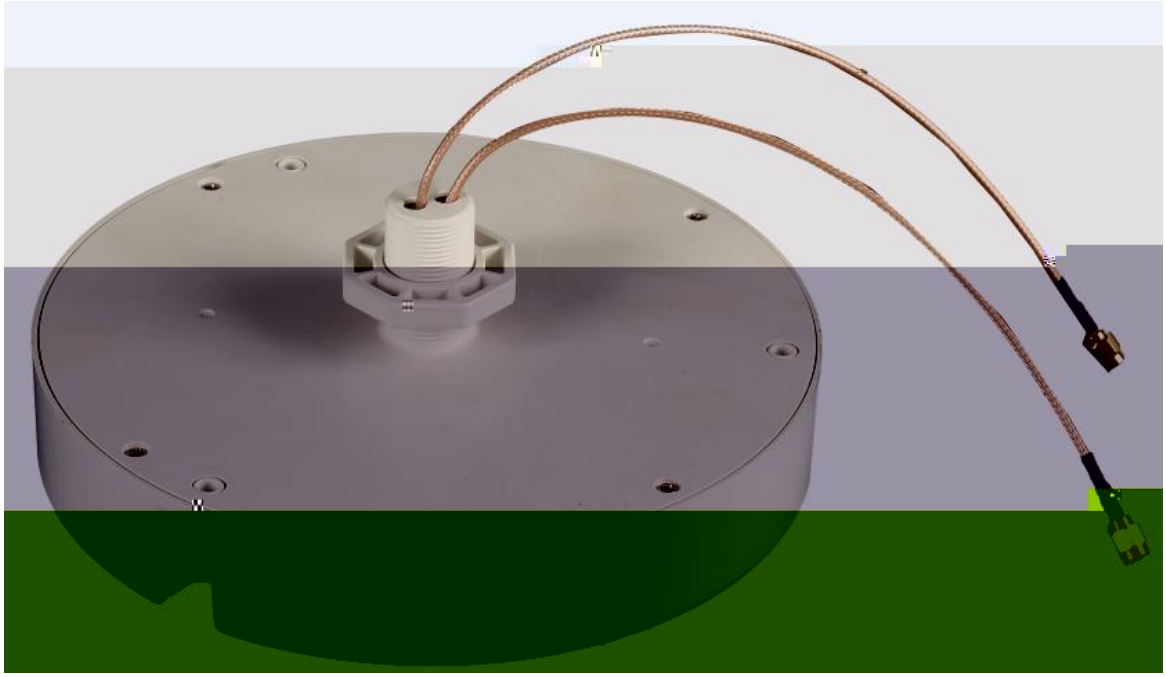


6 4 Z 3x10 d8k=6M
21mmÈ2{L/ë 93mm
SMA
30CM Y

1.2.7 RG-IOA-2503-X3 Ž

1.2.7.1 RG-IOA-2503-X3 Ž

ñ	D ¾ RG-IOA-2503-X3 V1.00
j (mm	211x37
G ÿ Kg	0.32
[redacted]	[redacted]
P#	0 2@2400-2500MHz 0 2@5700-5850MHz
4 dB	>=40dB



©Ù	’	6ïïê	4 Z 3x12 ¢	d8k=ÑM
	“	¥Ï=©$	24mmÈêê$	46mm
	”	SMA ÕÌµéÁ		

1.2.8 RG-IOA-2505-S1 ŽŽ

1.2.8.1

1.2.8.2 ÏÒ¢

…D ¼ï RG-IOA-2505-S1 V1.00 5[1 µ7 SMA ÕÕ¼ÝÕ-È ¦ ¼MÓM>ü D ¼ï 0 8$ÕÕ-Ó59p=È Fõ/jÖ

¢ÕÒ	’	6ÕÊ	4 Z	3x10 ¢d8k=ÕM
	“	¼W6z´		3.80ÕÊz´ 2.05
	”	SMA Ó¼¢P3x1)		Ã

2 Gø é Ô

2.1 GÕ

[illegible] V2.0 @ã [illegible]

2.1.1 [illegible]

RG-AP4210 ¼ APD [illegible] j# T× ãM [illegible] +Ïã 10cm ,0Ì$ È [illegible] ÈÑF>[illegible] Ã/ý 564>[illegible]6@4F[illegible]6 - n5[illegible]G}4[illegible]QFNÄ

2.1.2 [illegible]

[illegible]

„ 4³()[illegible],[illegible]FP@55H[illegible]5H=8[illegible]J8%?e× 9&[illegible]+O[illegible]7-F[illegible] &K8[illegible]y)[illegible]Ä

„ 4³()[illegible],[illegible]5H(wJ[illegible]C× +OM%e[illegible]7:,[illegible]eDÄ

„ 4[illegible],[illegible]7,MWWW,L}~[illegible]QÇ[illegible]O61FE[illegible]Ä

[illegible]Ö

[illegible]		-()[illegible]	
[illegible]	.O[illegible]	[illegible]	.O[illegible]
10ºC 45ºC	-10ºC 55ºC	40% 65%	5% 95%

[illegible] 1.5M QÜ [illegible] 0.4M : ,º [illegible]

.[illegible]=F 5[illegible]CCE[illegible] 48 E,[illegible]eA× CCE[illegible] 15 _ >

2.1.3 MÓ.

[illegible]

[illegible] RG-APD-HF04 [illegible])jo[illegible]H [illegible]

0W-$ (P)	0.5	1	3	5
0W[illegible] Ä N[illegible] /0[illegible] Å	1.4×10^{7}	7×10^{5}	2.4×10^{5}	1.3×10^{5}

L&HFÀ7p4,jo)0Ð]p[,´ÃÃ(9UI,² ÏÄ ÈÈ¶ÐOHŽ7È&,´
61FE0jÖÄb9ÈÈVF.ÃFRÃVFÑ1yÈ RG-APD-HF04 A7)FÈ §
LÈ² ; >Ä

Ðƒ	ÈÄ mg/m³Å	0WÄ mg/m³Å
¥WF.› SO_2	0.2	1.5
.FR H_2S	0.006	0.03
¥WF^ NO_2	0.04	0.15
¥XÐ NH_3	0.05	0.15
Ð Cl_2	0.01	0.3

2.1.4 È

**A7 X]7-835FGÈÈJE6V8È6V8È È È

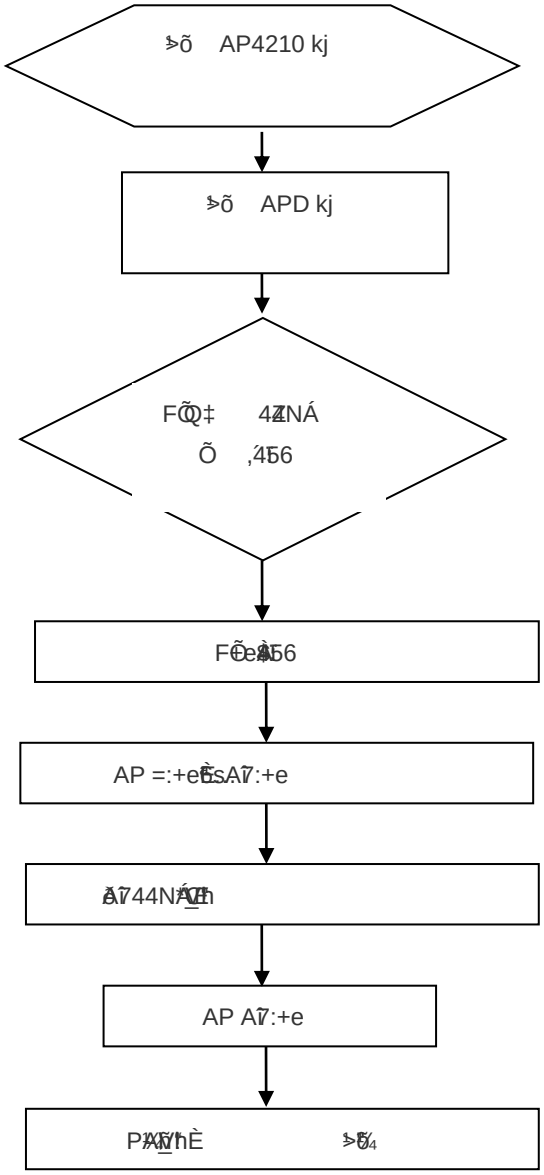
C+X§	LbM‰§
>˜	7+X>˜

@M6ƤM8 >µ>

3 CÉS

B-.AÉ54ùB11bÂ,º ï» > .AÚbÂF&,º ?(5%Cé >

3.1 GÈV



3.2 G ø \

XÞ:ÀÊ

„ ›ð7-VËÈÕ,Ñþ ÊÞJE*ÄÀ

„ ›ðV%CÃ7)ÊÞÄ

„ ›ðV35ž+eÊ%CÃ+eÊÄ

„ ›ðV35ž(55G}4ÄÀ

„ F9+X ËÈe F_ POE ËÈe È ËÈe+eÊÀ 7-=7- Ë NÊÈeÊÀ

„ AP4210 ,´ RFID0Ã RFID1 ÊÞF7&=ÜÈ0?: RP-SMA COEed

ÊÞ

„ POE ËÈe

G+X POE ËÈe&IÈ×P .FÕ01Ê 802.11af F 802.11at POE ËÈe7-Ê654156FÕ
À7,´ POE È Ê• 4Ã 5Ã 7Ã 8 4¿ ËÈe Ä

„ ËÈe

G+XËÈe,&I È+Xg8>F9C]B' 48V +eÊÃ+eÊÀ

Ø9+eÊÀ

N©-	Ê
+eÊÀÃ	100-240V ACÈ 50-60Hz
+eÊÀÃ	+48V DCÈ 0.52A MAX× −◉+

3.3 RG-AP4210 G2

I6•

ê È? **& Ö**

„

a ^ Aê ËkÞ± A¥ ?º :NÇ Ê3(F@ :NÇ5LCUE³ ÇÇ ^ 4ÕÊ(7 A @+k%73FVF Aê,º ».

F98F2ÞÊ5Ê ² 3.1 ,>Ê; È Aõ ->ã-(Ê5È¼ È ¼@>ã,ÊE ÈÃõ XQ4ÈŠÊÊ}A7sØümÄ

²Ê01Þ Aê ,º ,OÞ-.Ê+kÈE

B-.²êãÊ(0%M>

B-.4ã Aê ,º ²ÞÊ/p&¼7>

G,aB¥

A7E1ÞÊÈ×ÊÄ

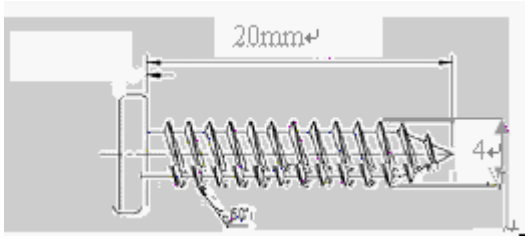
„ >ã1Ã¼ã3j(Ö

-$J 7ÊÕ M7x 4.5x28 Ä mmÅ

=ãÖ 4*20PABC Ä mmÅ

. 3-1 7ÊÕ?

. 3-2 =ã¼j?



fÔ G

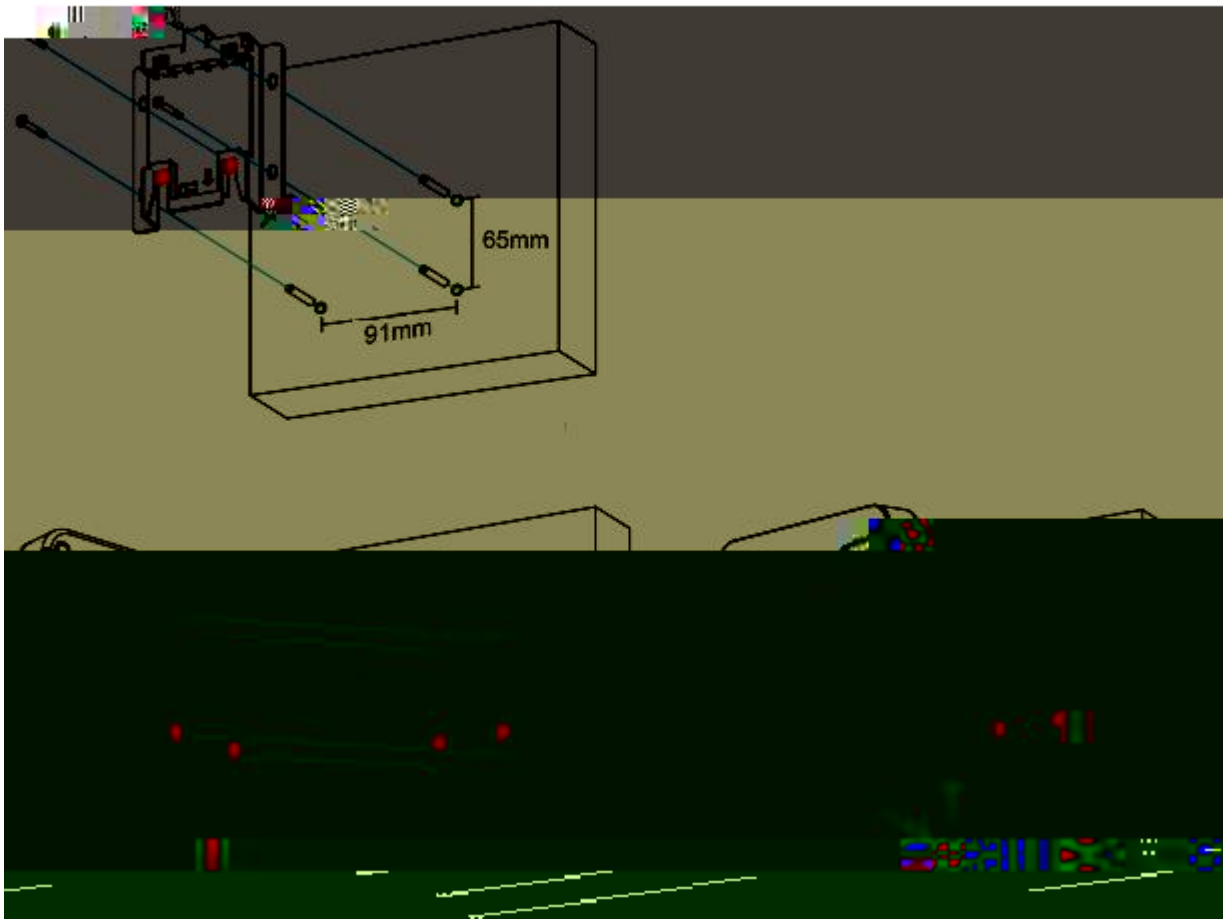
„ ã>ã

1) xXÉ 4 ZÊ 6mm ,>ÊÊj 91h 65mm ,KÊ[@,ÊÊ+Xgi>ã1Ã¼ã;
j(8>|TÊ0.²ã1Ã-O5ÊÊ%ã1ÃXÉÊ=ã> 6=ã3W*XÉÄ

2) 6>õ1ÕÊÕ¾1Ñ>ÉMUÄ

3) 62æX=ê*ÊÄ&B2ÄÚÄM:>Ò7MÇFM /Ä

. 3-3 RG-AP4210 ñ>ÕÍ?



4) 6 A7 ÅM2'ñ2ÄÈ>6 A7 ¼p2æ>ÕÈkjØÈ :. p/jÄ
& A7 ÅÑÒ7/j2æÒ7/jÄÕÈ 7/ ý A>õ Ä

5) K1jÑ+Ò¼+XgiÈM0'8>ÊC]K1dØ>õ 2K1Ò? A7 ÅK1Ä2&K1ÄiG}Ä

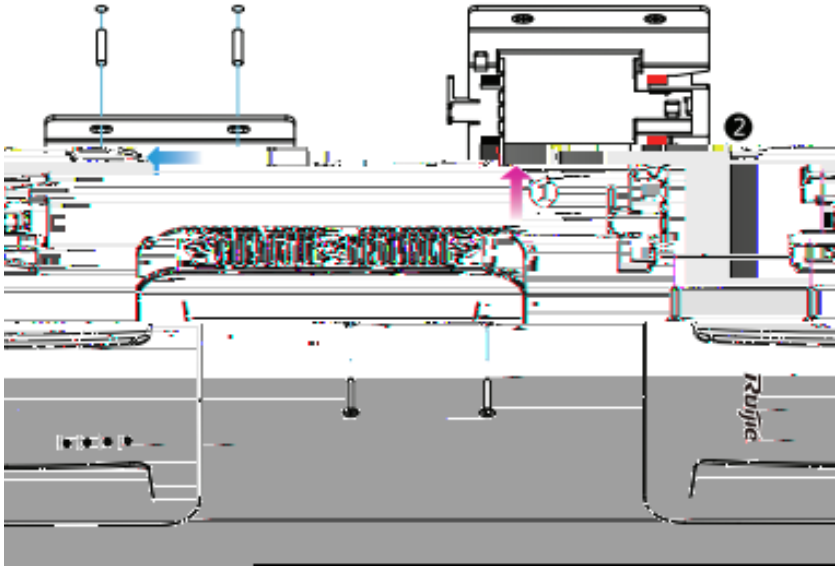
„ hÑ?õ

1) xXÒ7 4 Z$ 6mm ,>ÕÈj 91h 65mm ,KÒ|@ÄÒ+Xgiè>1Ñê
J¼j(8>|TÈM0.è>1Ñ-O5ÄÈ%>1ÑXÉÈ←ê> 6=ê3W*XÉ
:Ä

2) 6>õ1ÕÊÕ¾1Ñ>ÉMUÄ

3) 62æX=ê*ÊÄ

. 3-4 RG-APD-HF04 hÑ?õ?



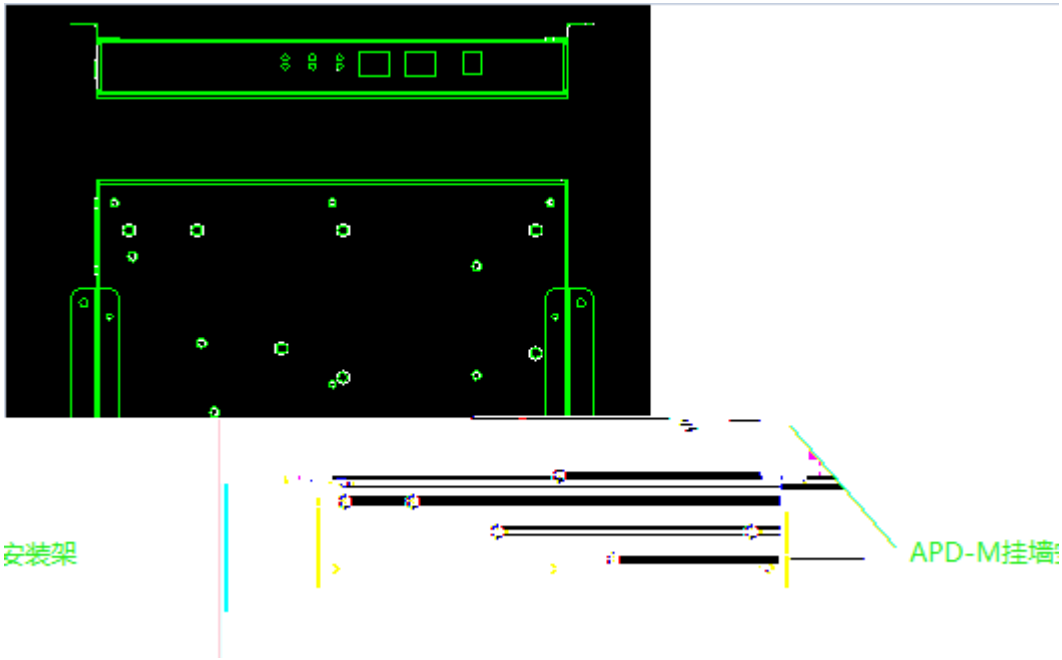
4) 6 A7 Å12'ß æ>6 A7 ¹p2a>ÕÈkjØÈ :. p/jÄ
&ÅÑ87/j2aÑ87/jÄÜÈ/ ý A>Ä

5)

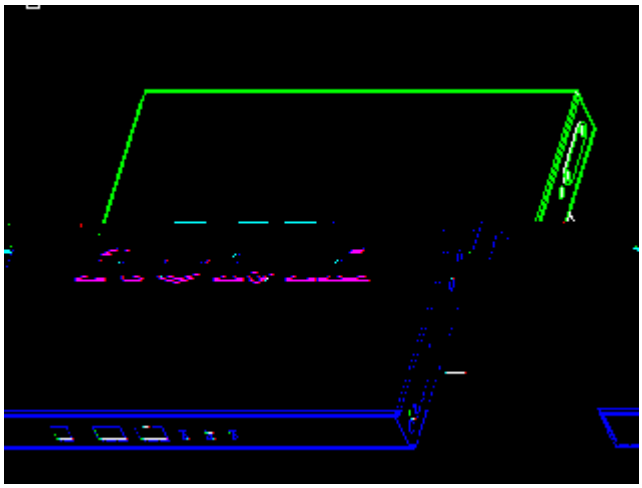
3.4 RG-APD-M G2

1) xX8ÿ 4 Z$ 6mm ,>ò ÄÖ+Xgi>ò1Ñ¼j(8>ÏÏ0.>ò1Ñ-
O5µ%ò1ÑÏKÉÈ=ª>6=ª3W*XÊÄ

2) APD-M … ÏX=ª6 APD-M 2>ÈÈ5>n/jÖ



ñ? Ö



6>0¿æX=ä6:È8ã

3.5 GI6•

X6¢5ÈÈÈÑÈXA6L¿¿ÈÈ Ì DÈW

4 G[illegible]

4.1 [illegible]

[illegible] [illegible] CH[illegible]

„ PoE ËeÈ3ð .ÆÊÕ01V8ÆA%Cã 802.11af ËeÈ>ð56VFFJhÄ

„ DC ËeÈ0V92+eEÈ>ð ËeA7 VhÄE

Ã SSID [illegible] SSID

1) xõ6„ AP

„ 9 Rn &ñ/jj 5/ È7j4NÄ Rn-1 ¼ Rn-2Ø4FÕ