

-> % ,=ô z »

RG-IBS6120(E)LoRa *1

† íî yV1.34

cUV_XOMNZ jHàì

copyright © 2021 K@ \$5•5

+‰) \·“ ú\ >,' 0 7 s Y Ä

Z Ç `K@ \$5•5,' -M'Aè È+ }¼ Z ê=Ç + ... é? F' ?) \·“,'G 6 µ é F~G F>|=f Ä^ ... Ä 7 - Ä
i Ä P Ý Ä6+B @! B @0 Ä 6!~G FG 6+X ¾ v J+XFD Ä



: w jK@ \$5•5,' v 7 Ä

\·“ ú,'! p 9 v 7 F# ¼ v 7 È+a 48,' p 9 ê 9 Ä

Ø pC] , ' × ñ Ä= Ñ F(© W1y Ä v J 8 < ¼ 'ln,'4Ö • È\·“] ýF , ' ~G FG 6 × ñ Ä= Ñ F(© W 7- = X Ø,'C]
F ¯+X93 \$ { µ ÄL”MŽ 8 < 94Ö È ÈK@ \$5•5) \·“ µ é= Š + ... >/j FU /j,' > F Añ Ä

+a ¾ × ñ(x\w4× F! İ È\·“ µ é J= Ê OF>| \$ à ÄK@ \$5•5 +‰ X”Ñ 9 + ...FJ. F65 /j,' õ å ;) ·“ µ é
F>| i,' s Y Ä

\ { ¼ õ Œ j ¯+X 7 , ÄK@ \$5•5 X5F É\ { ¼ & " m È Añ! µ é ö.ž M• È v! =.ž { ¼ µ é ¼ ”Ñ 9KIB FF‡%? È
\ { ¼],' p 9 Ÿ • = ' @ + ... >/j F Ç/j,' õ Ä

OBR Ø ¯+XK@ \$5•5× ñ È \ { ¼ j Ø È ¶B 4ö,´ .œ &¹>ð 7 ‡ Ä

\{ ¼ k?± û4ý ¶ × ñ X İ7- : ¼(™*6 :,´ 0 È(© W È È ¶¹>ð!•PÔ ÃuLì ÂL" Ã°_?ð l È ú+e56 ¼F Õ ~,´?ð l ¼
¯+X ö l Ä²+X ¾ #) :F µ éF >| ¶@ D X ¹>ð ¼45\$ Ô5•5 .œ & éM' \$ 9 0 Ê4ÿP¼,´+X g Ä< & w ÊB !n × ñ ,´+X g'İ.
-(£ _B ¼² % Ä

K@ \$5•5 È é5•1 Ö <http://www.ruijie.com.cn/>

K@ \$5•5 ¢7- Ò = Ö <http://ocs.ruijie.com.cn>

K@ \$5•5 È é5•1 = Ñ > _ 1(x ‡ Ö <http://www.ruijie.com.cn/fw/>

7×24 ? & ° _ = Ñ' 4İ Ö 4008-111-000

K@ \$ 4İ Þ œ G ' ÖK@ \$ 4İ,®0

K@ \$5•5 ° _Aê < Ö <http://bbs.ruijie.com.cn/portal.php>

h?ñL NÈ L3R Ö<http://www.ruijie.com.cn/fw/wt/>

K@ \$5•5 ° _ _ 1 > ýO, 1á Ö 4008111000@ruijie.com.cn

\ – G÷+X 4/ýGÂ- 7 •>~j X ý ÆE÷0;] ÄB (© [# ? ,´ ` é ÈF È 7 ,´ ? y² ; Ö

1

RG-IBS6120(E)

LoRa

LoRa

CLASS A/C

2G/3G/4G

LoRa

470MHz~510MHz

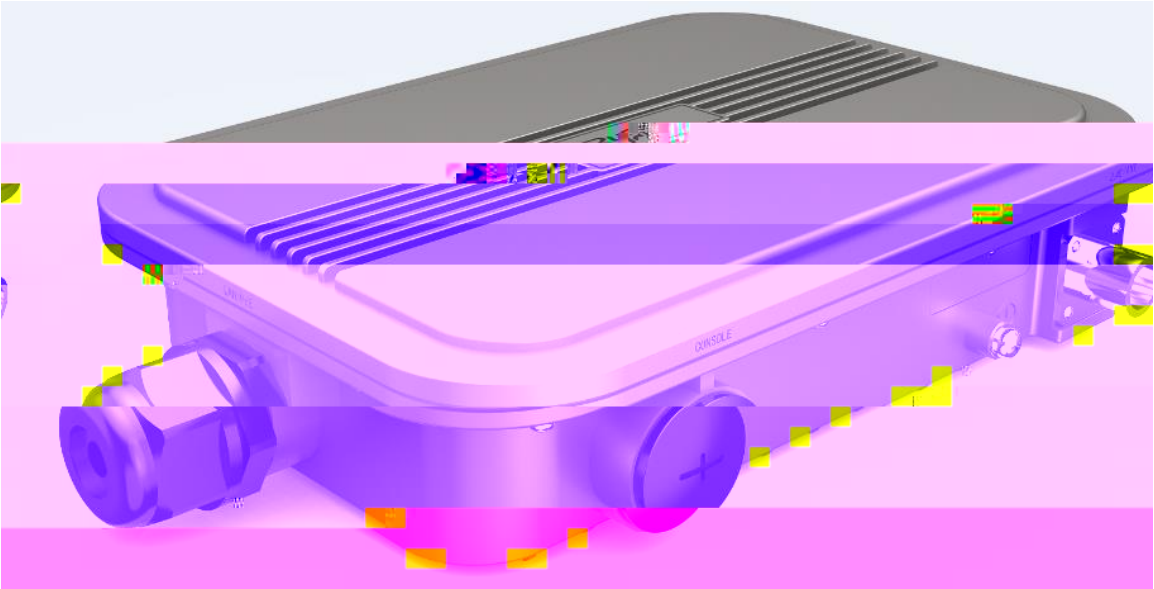
1.1 RG-IBS6120(E)

	LoRa CLASS A/C
	LoRa China, 470-510MHz
	LoRa
	POE
11b -91dBm(1Mbps) -88dBm(5Mbps) -85dBm(11Mbps)	
11a/g -89dBm 6Mbps -80dBm 24Mbps -76dBm 36Mbps -70dBm 54Mbps	
11n -83dBm@MCS0 -65dBm@MCS7	
LoRa -146dBm	

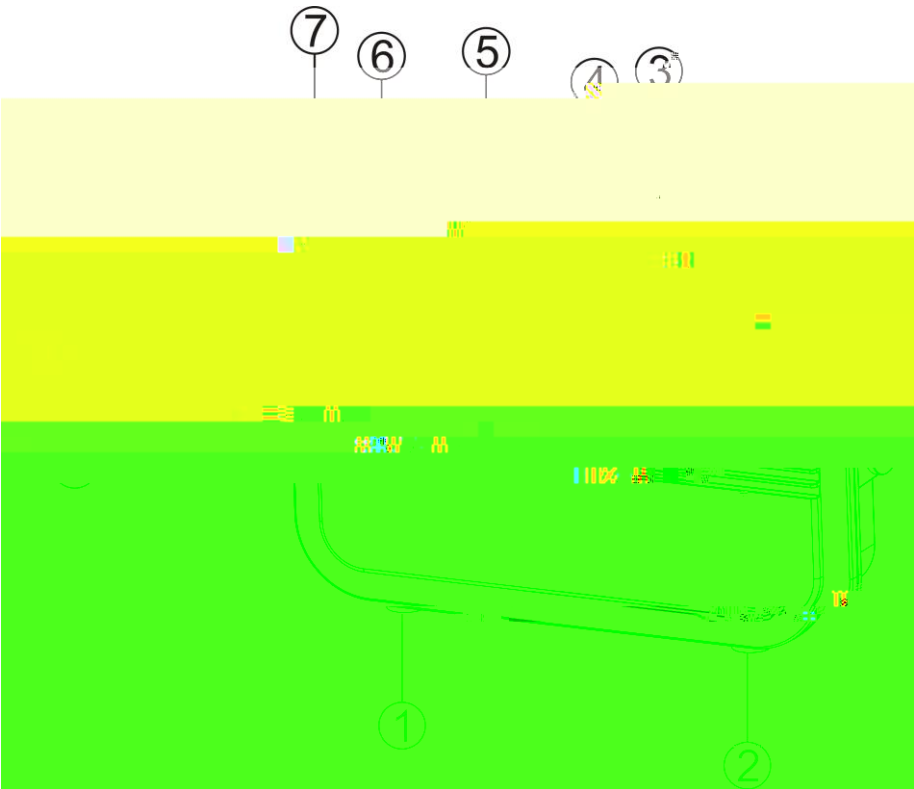
1.2 RG-IBS6120(E)

RG-IBS6120(E)

1-1



1-2



3G/4G/ANT 3G/4G

LORA/ANT1 LORA1

BT/ANT

2.4G/ANT 2.4G

GPS

LORA/ANT2 LORA2

SIM SIM

LAN/PoE 10/100/1000Base-TETH1 /48V PoE INRJ45

1.3 RG-IBS6120(E)

SYS			
LED1			LoRa
			LoRa
			LoRa
LED2			WiFi
			WiFi
			WiFi
LED3			3G/4G
			3G/4G

2

2.1



RG-IBS6120(E)



2.2



AP



500m



2.3



,



2.4



AP



2.5

RG-IBS6120(E)

2.5.1

-
- RG-IBS6120(E)
- RG-IBS6120(E)

2.5.2

RG-IBS6120(E)

2.5.3

RG-IBS6120(E)

-
-
-

RG-IBS6120(E)

-40 C-65 C	10%-90%

2.5.4

(m)	0.5	1	3	5
/	1.4×10 ⁷	7×10 ⁵	2.4×10 ⁵	1.3×10 ⁵

	mg/m ³	mg/m ³
SO ₂	0.2	1.5
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

■ PoE 802.3af/802.3at PoE

PoE

2.5.6 EMI

-
-

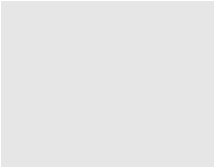
2.6

 RG-IBS6120(E)

-

	POE

2.7



1	*1	M5		*4	M6
	*2		*2	*1	

LORA		1	-
		2	-
		2	-
		2	-
		0	

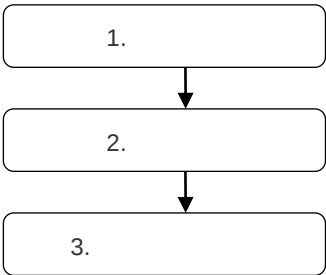


3

RG-IBS6120(E)



3.1



3.2

RG-IBS6120(E)

-
-
-
-
-
-
-

3.3

-
-
-

-
-
-
-
-
-
-
-

3.4

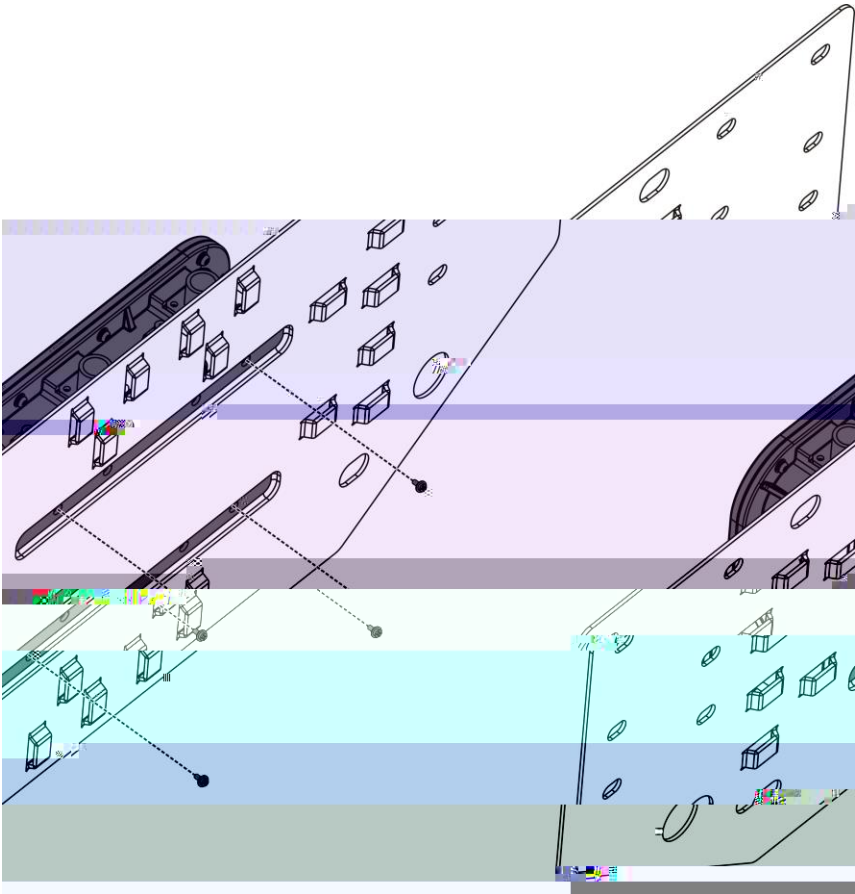


3.4.1

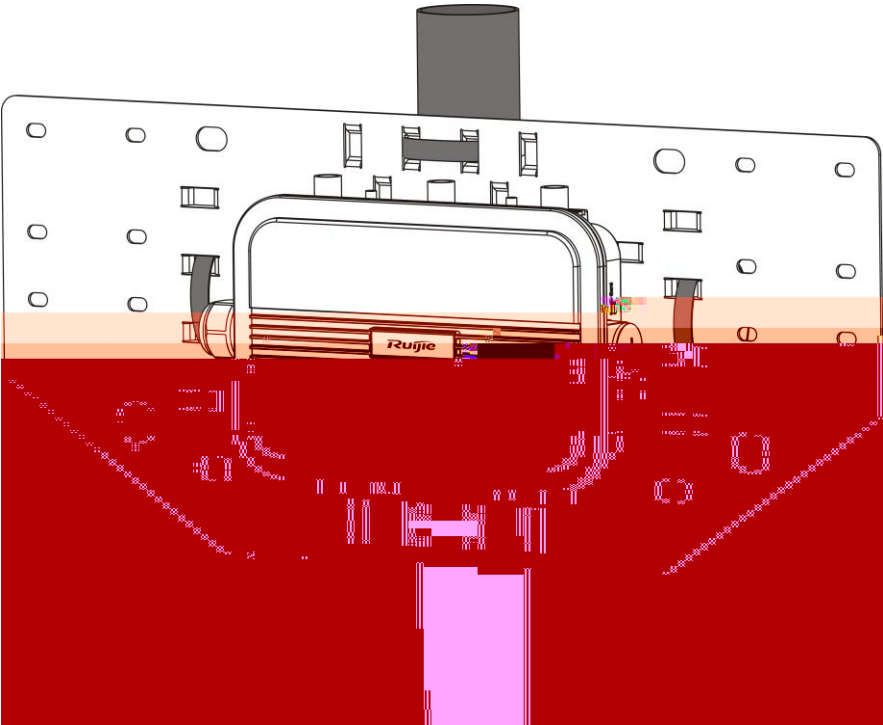
1	M5	4
2	M6	2
3		1
4	2	
5	M6	4

3.4.2

3.4.2.1 5dbi

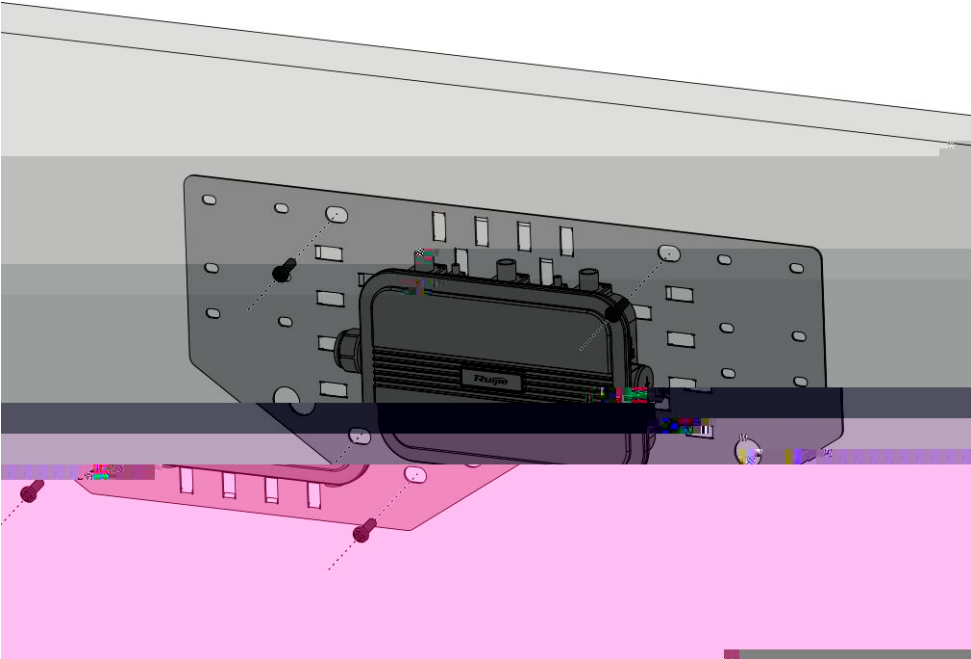


3.4.2.1.1.1



3.4.2.1.1.2

- 1
- 2

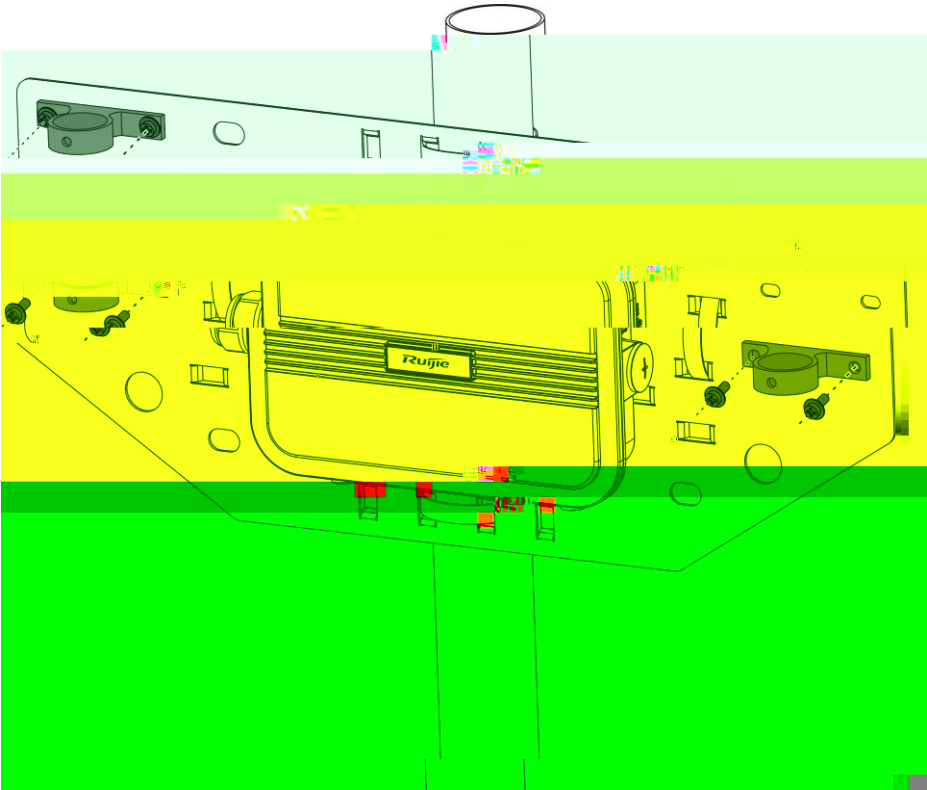


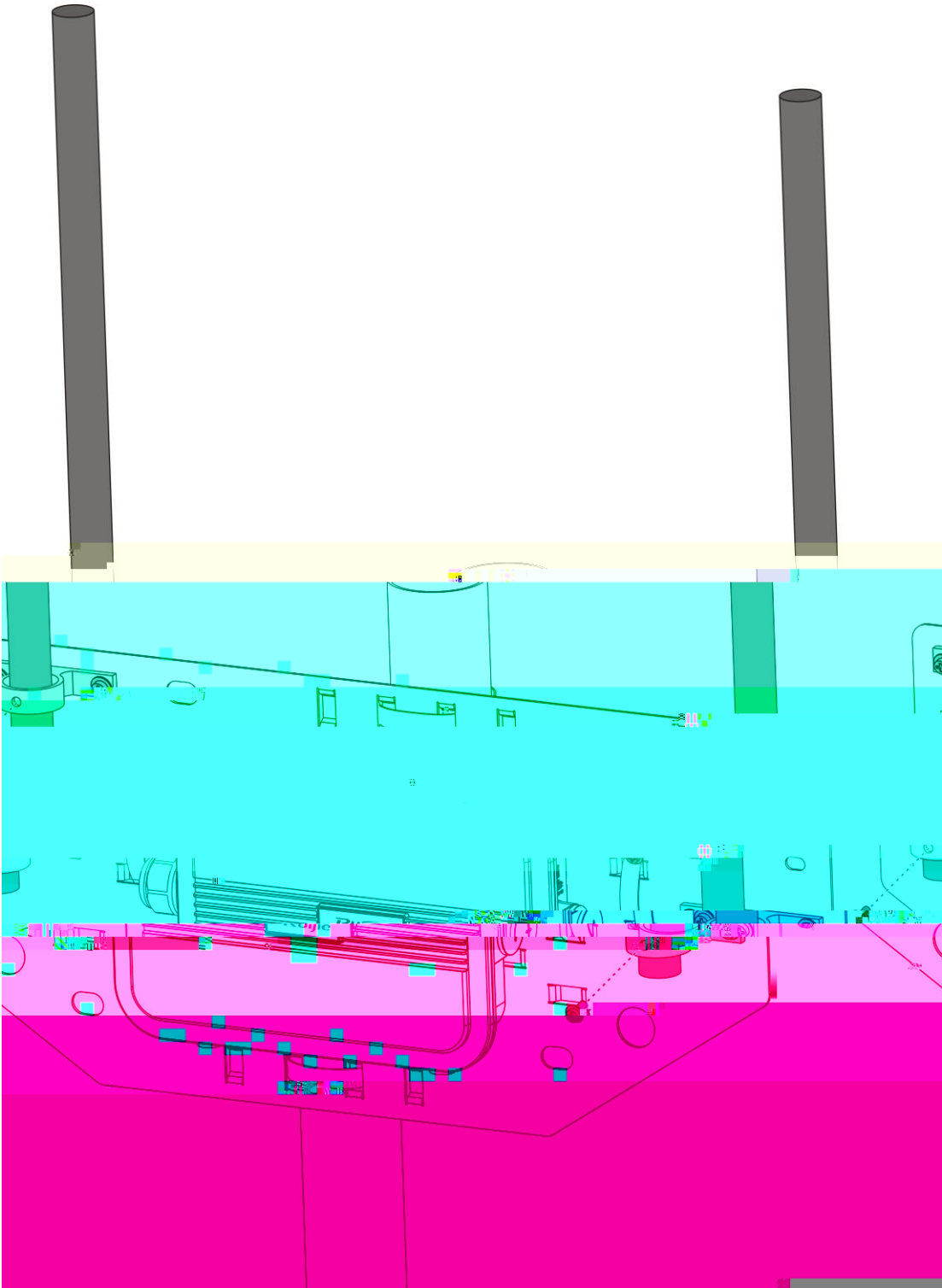
3.4.2.1.2

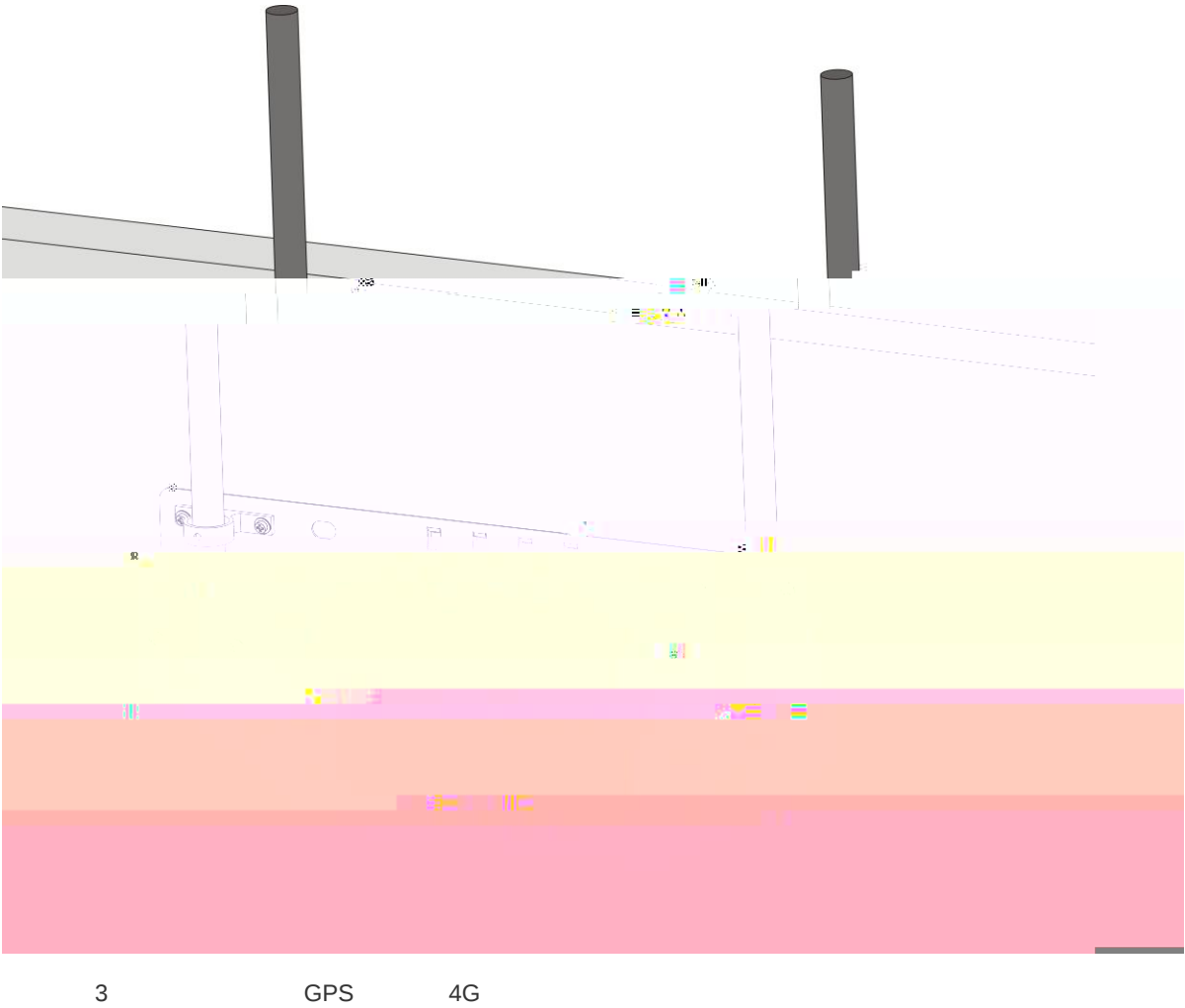
- 1

- 2

- 2







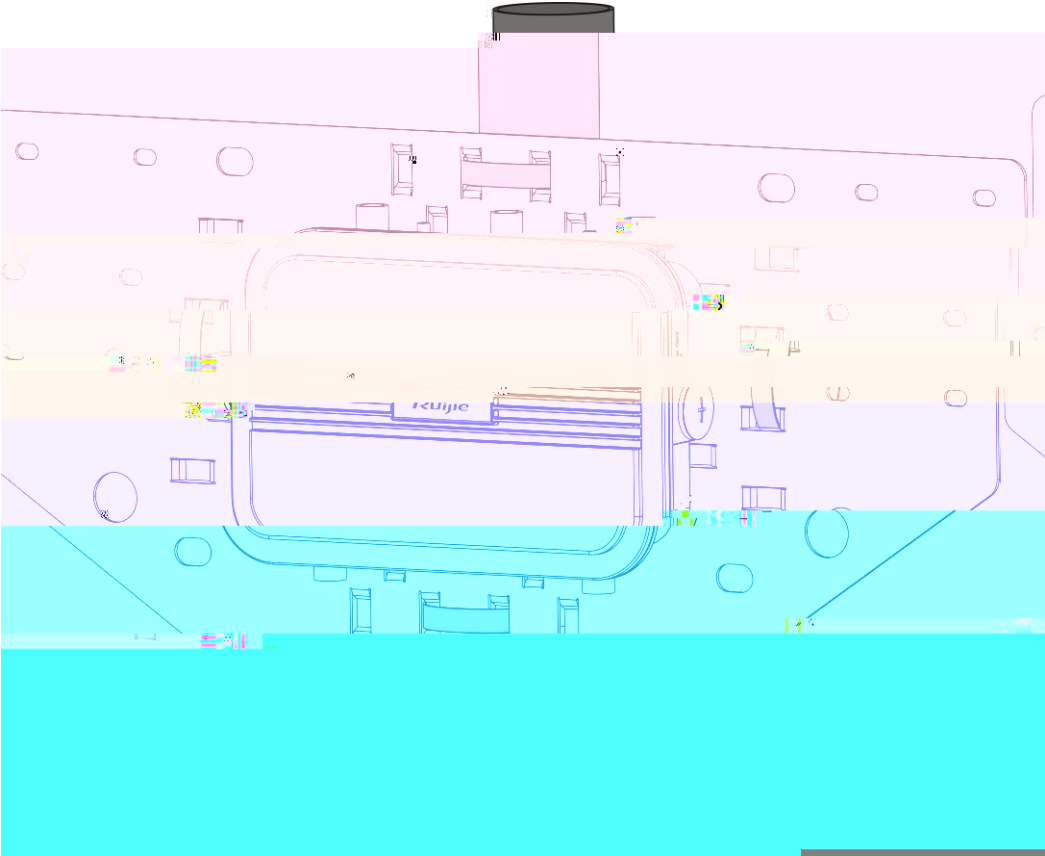
3.4.2.1.3

1 N

3.4.2.2 2dbi

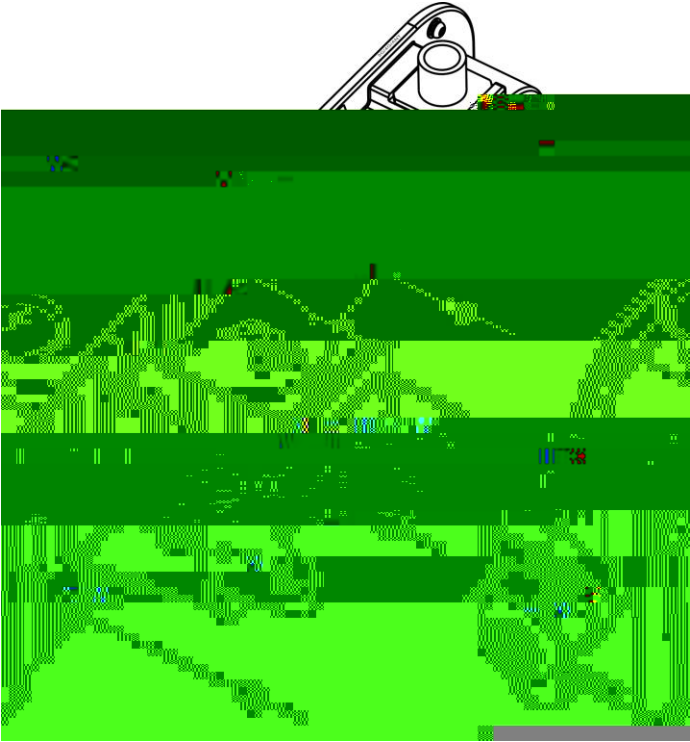
3.4.2.2.1

3.4.2.2.1.1



3.4.2.2.1.2

1 4 M5 IBS6120(E)



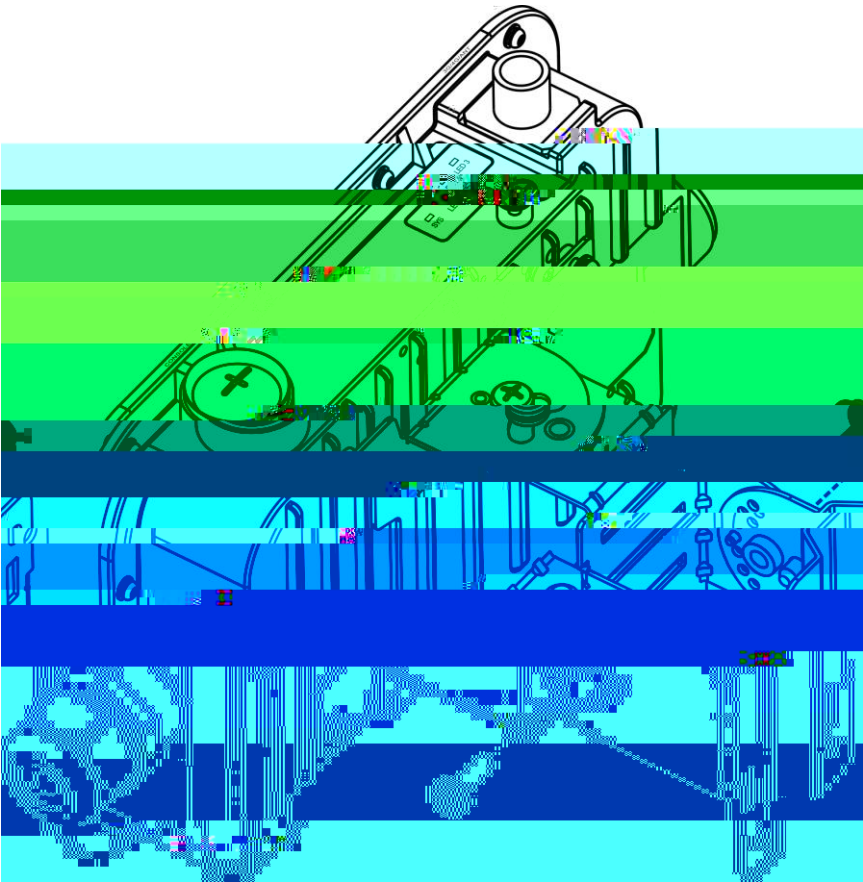


3 2 M6

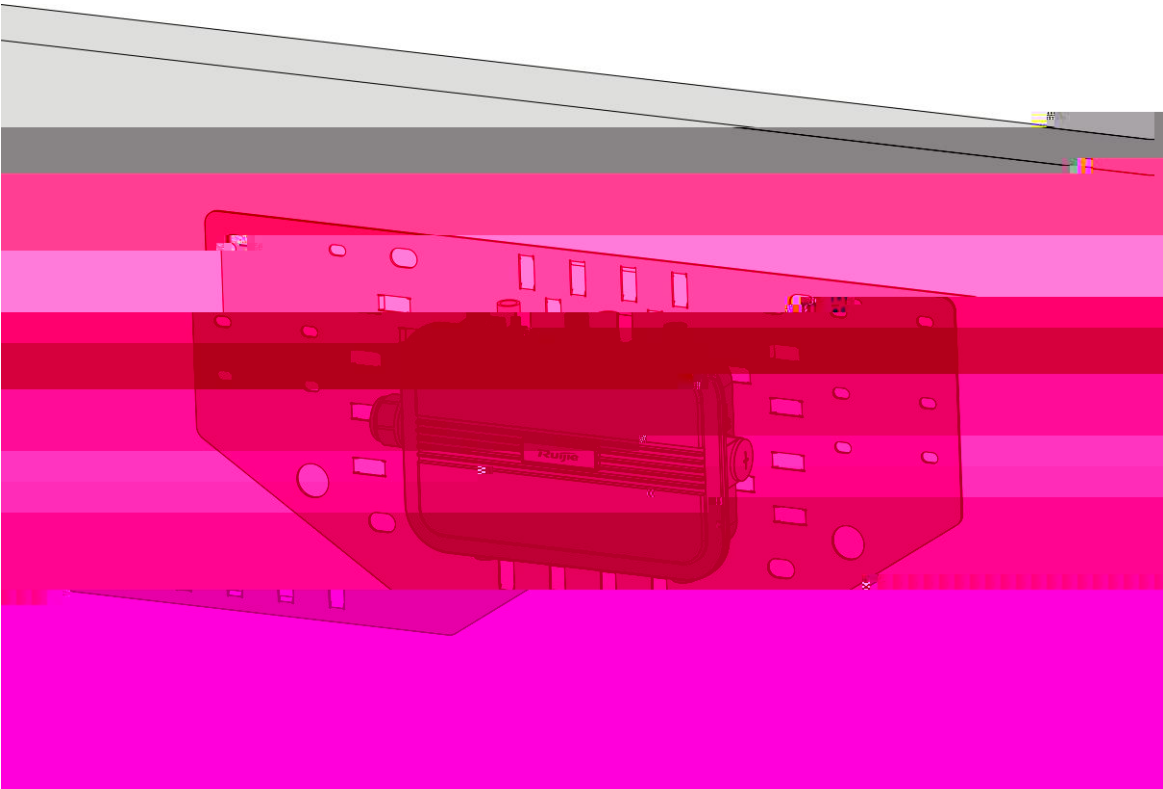
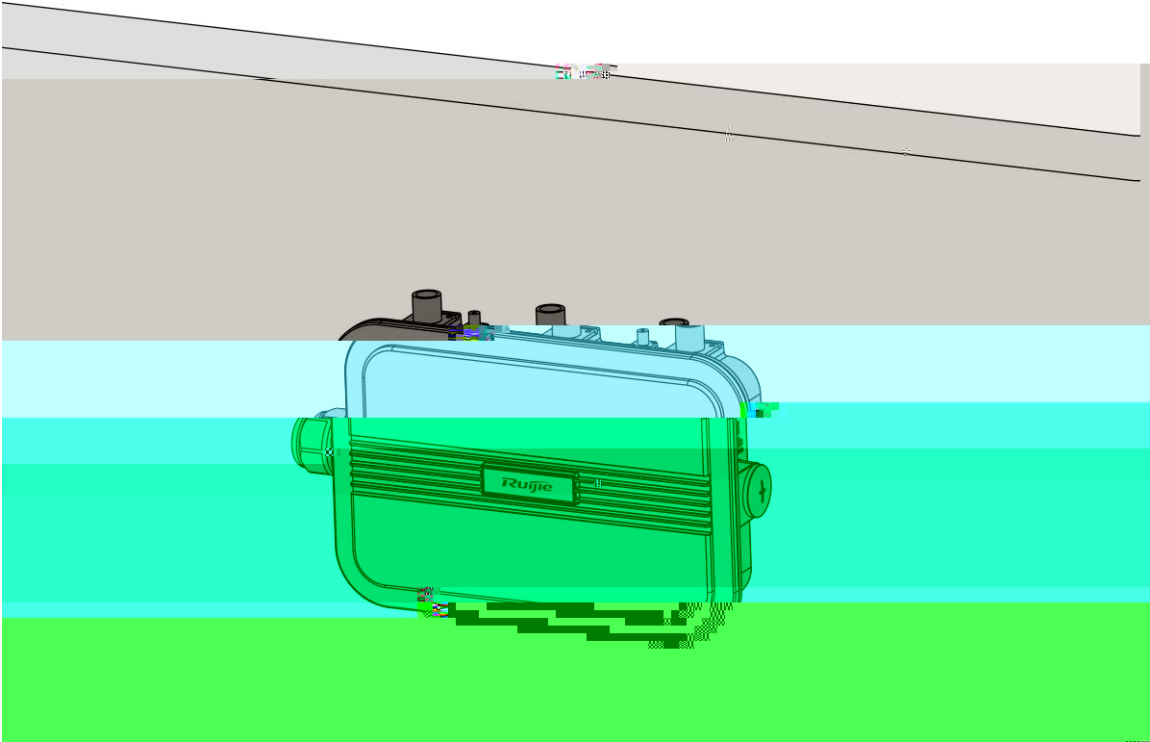
4 M6

4 M6

IBS6120

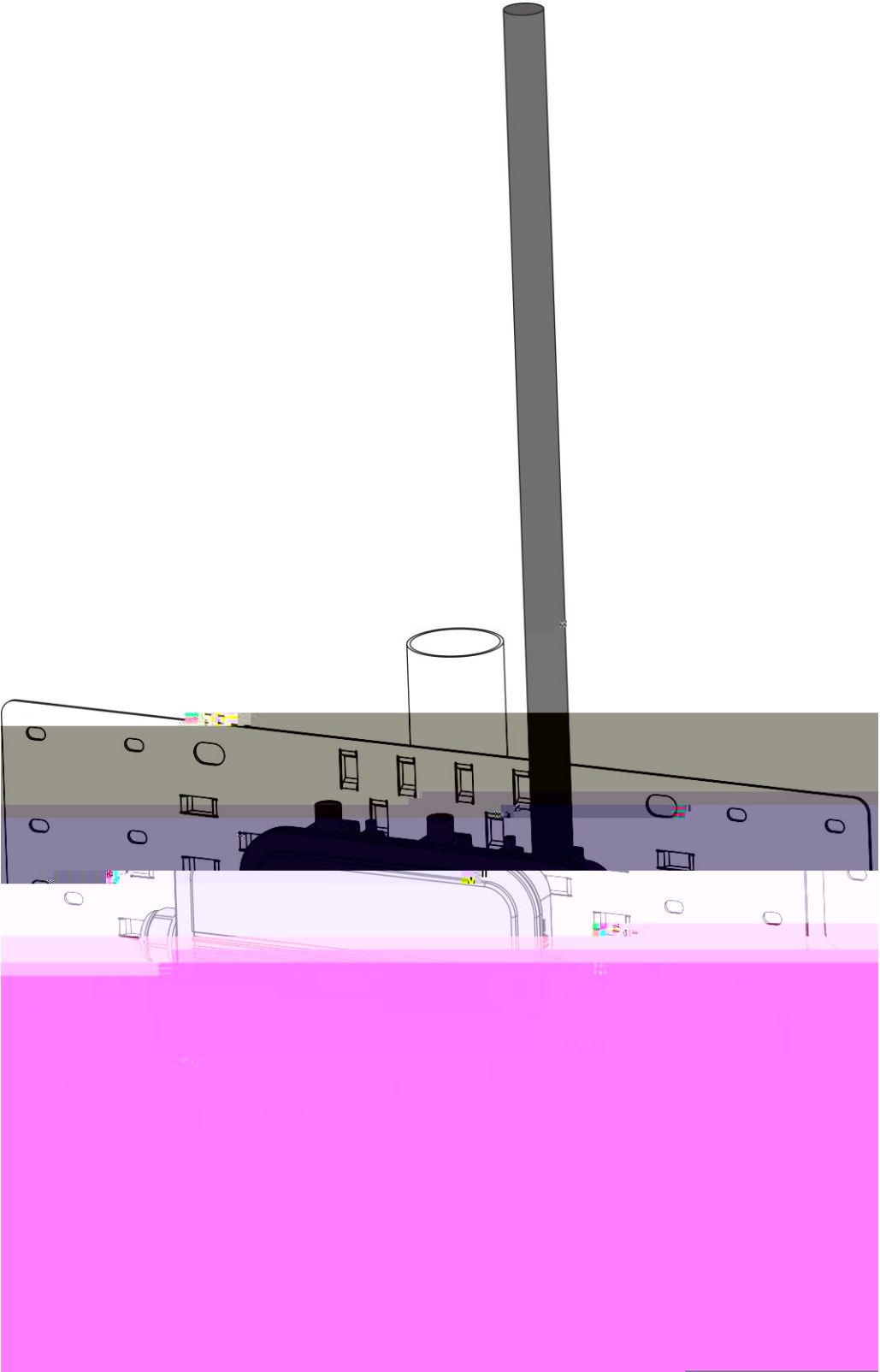


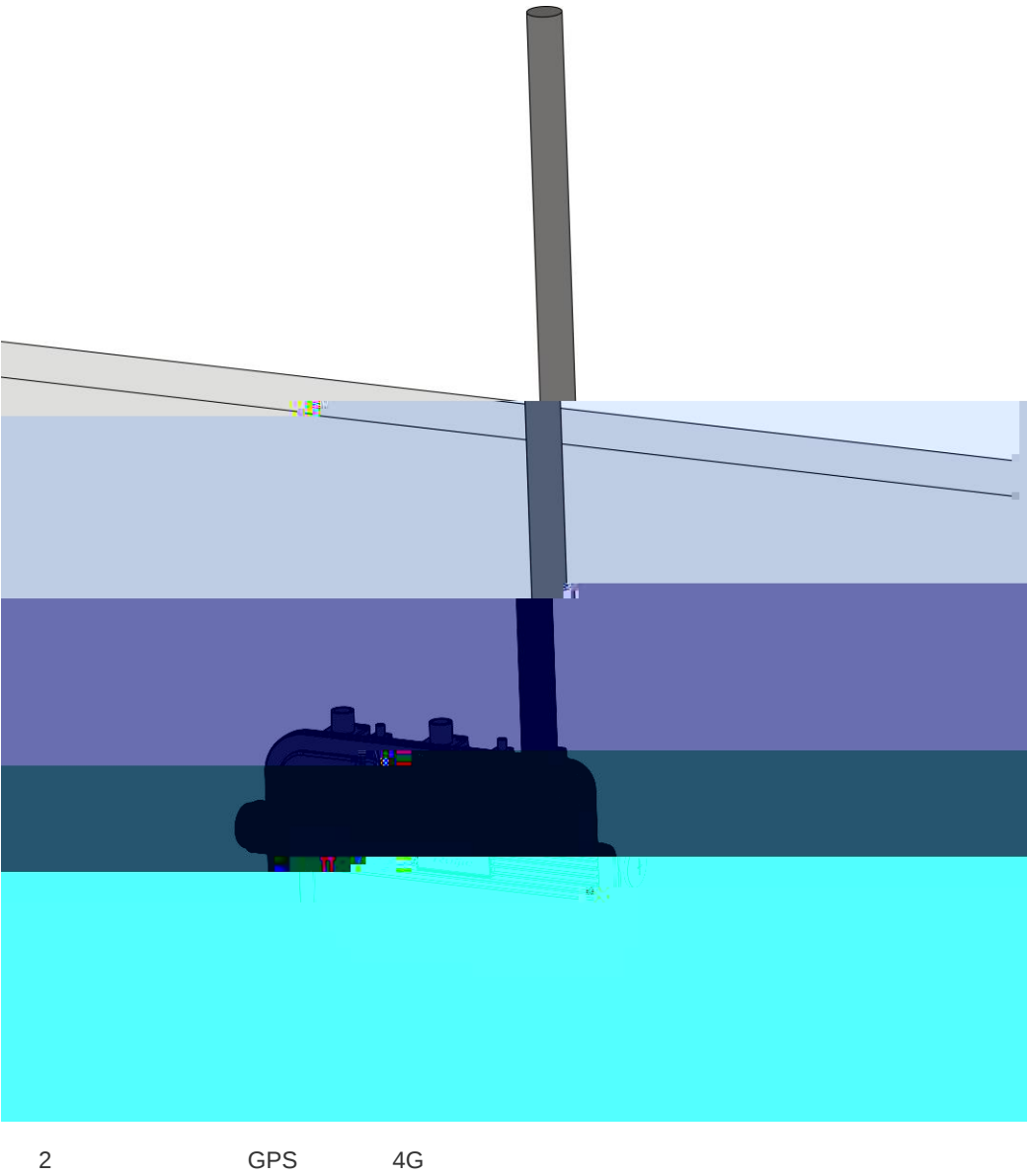
4
5



3.4.2.2.2

1 Lora



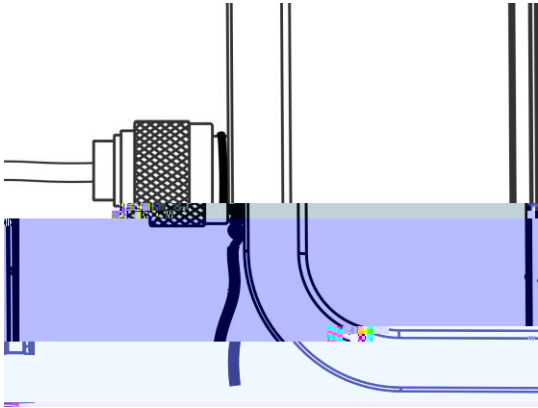


3.4.2.2.3

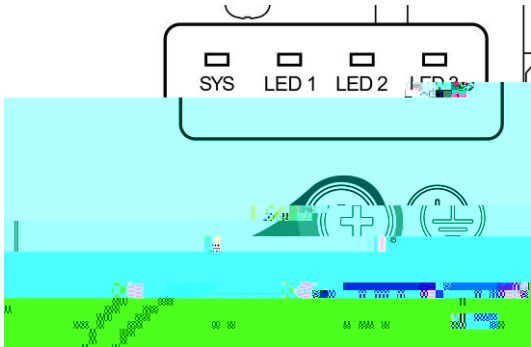
2dbi

3.5

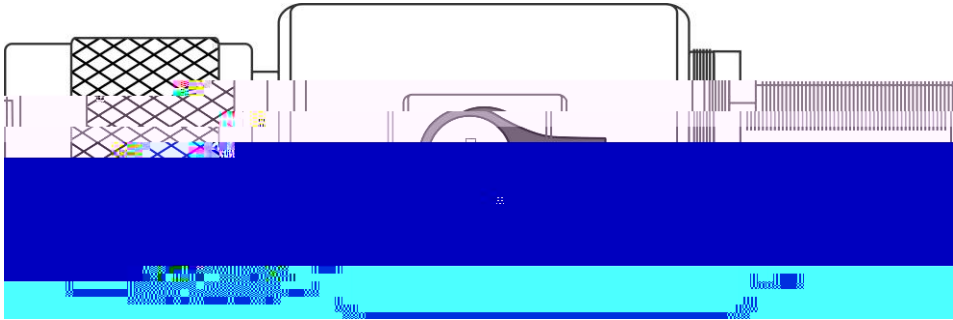
3.5.1



2
3
1

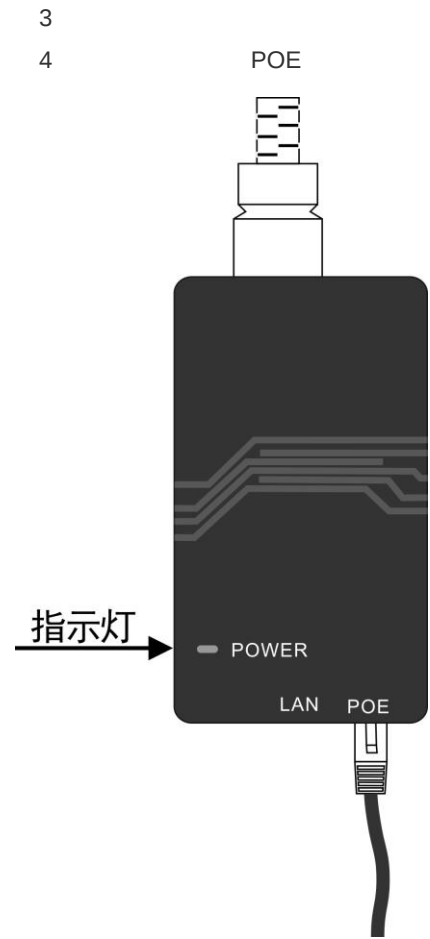
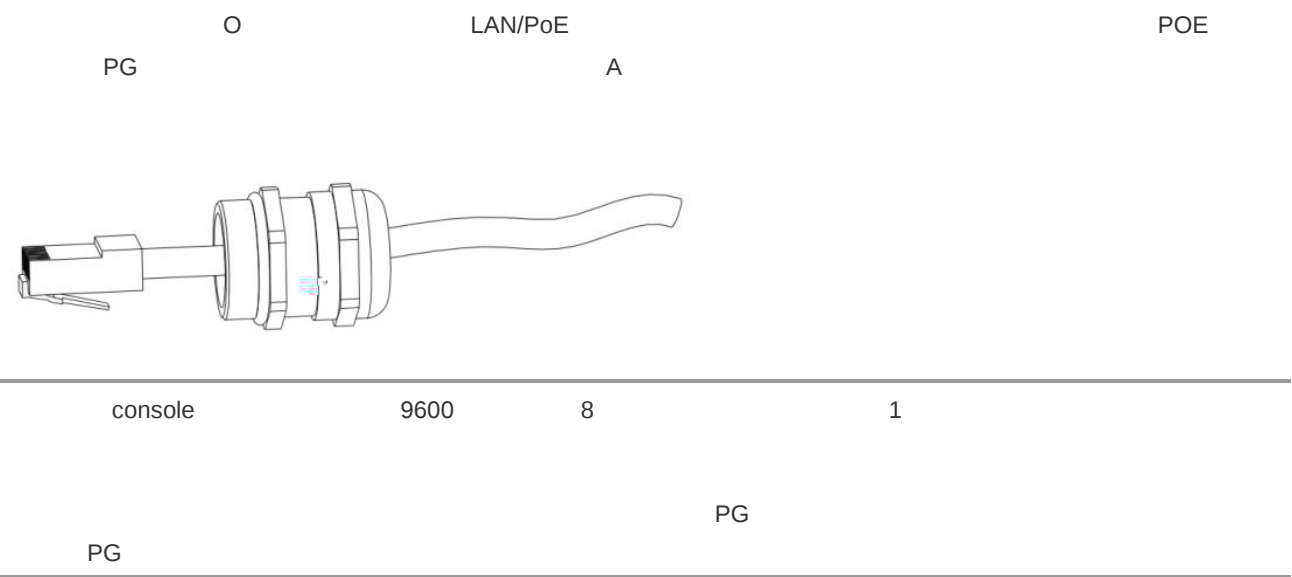


3
AR30N



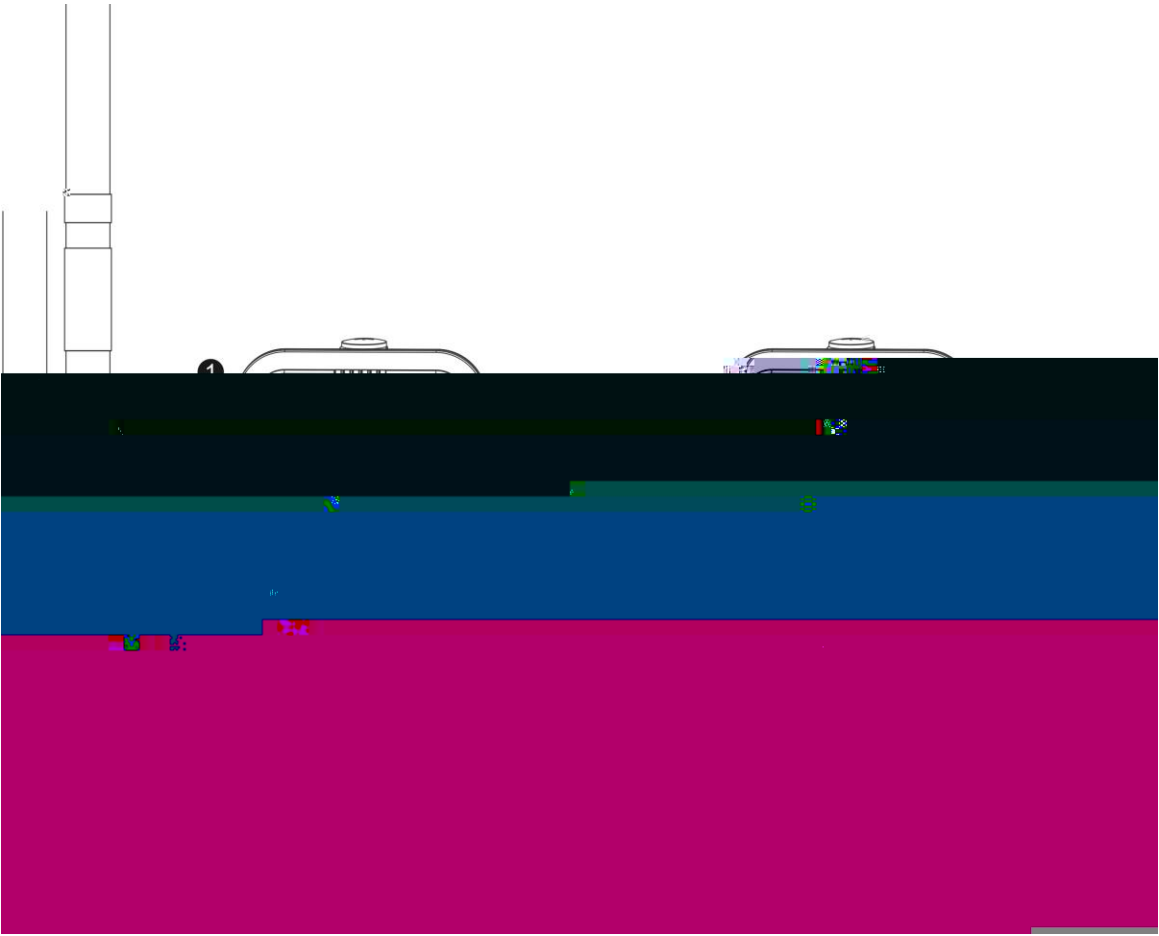
3.5.2

1
2



3.7

1		AR30N
2	90	
3		



3.8

-
-
-

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

3.9

-
-
-
-
-
-
-
-

4

4.1

PoE

- PoE
- PC PoE

4.2

-
-
-
-

5

5.1

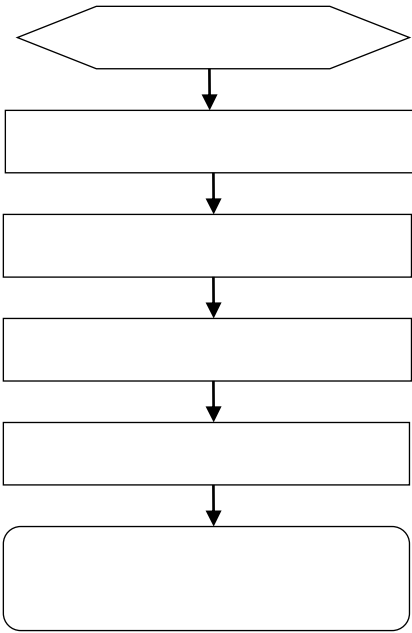
RG-IBS6120(E)

CLI

RG-IBS6120(E)

6

6.1



6.2

LED1

■ PoE

PoE

802.11af

- 1)
- 1)
- 2)
- 3)

LED1

SYS

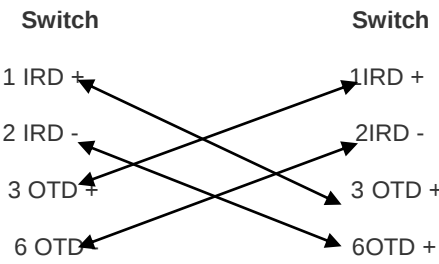
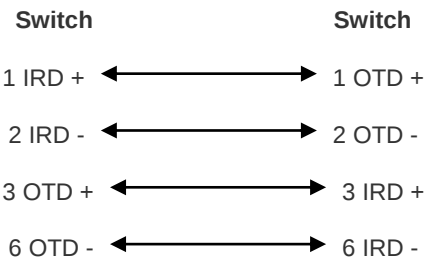
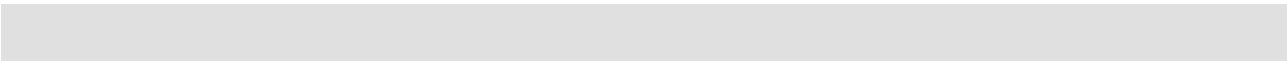
SYS

LED1

SYS

SYS

A ———



— —

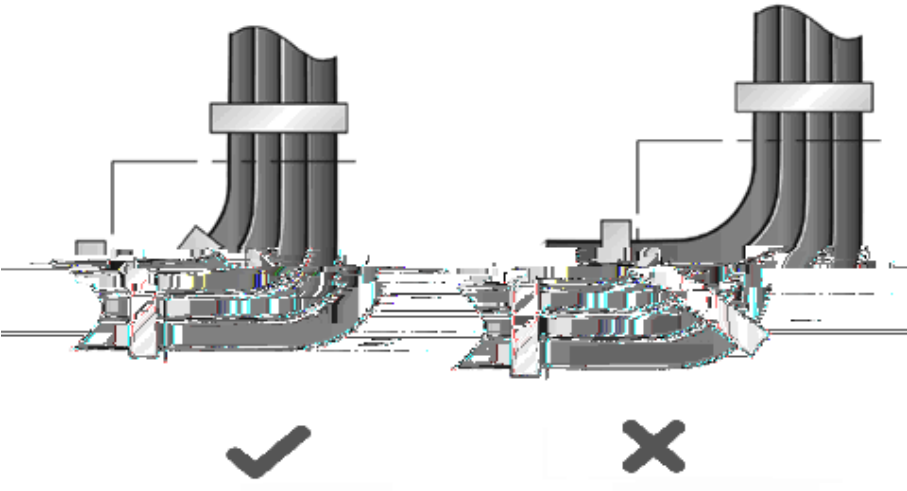
RG-IBS6120

D-2

■

D-3

D-3

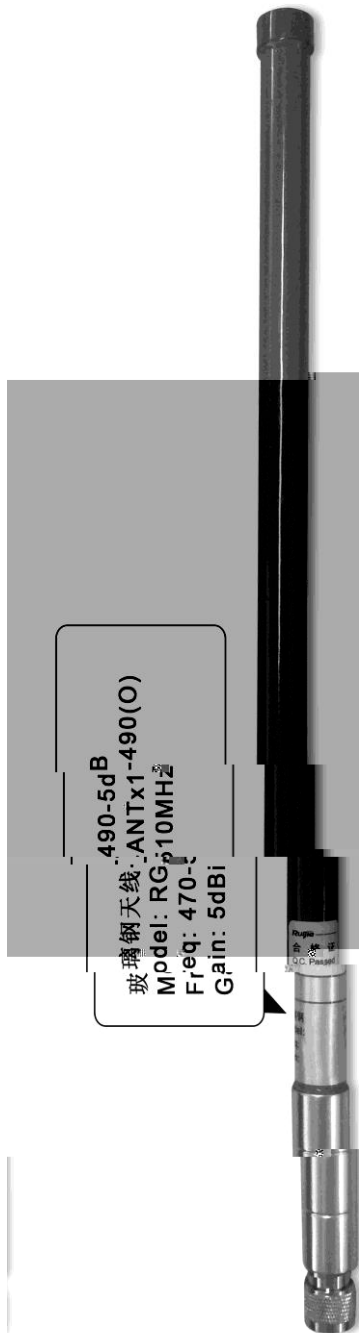


■

■

220V

-48V



■ 2dbi

