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RG-IBS6120(E)LoRa *1

† ÍÏ yV1.34

cUV_XOMNZ jHài

copyright © 2021 K@ §5•5

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

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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

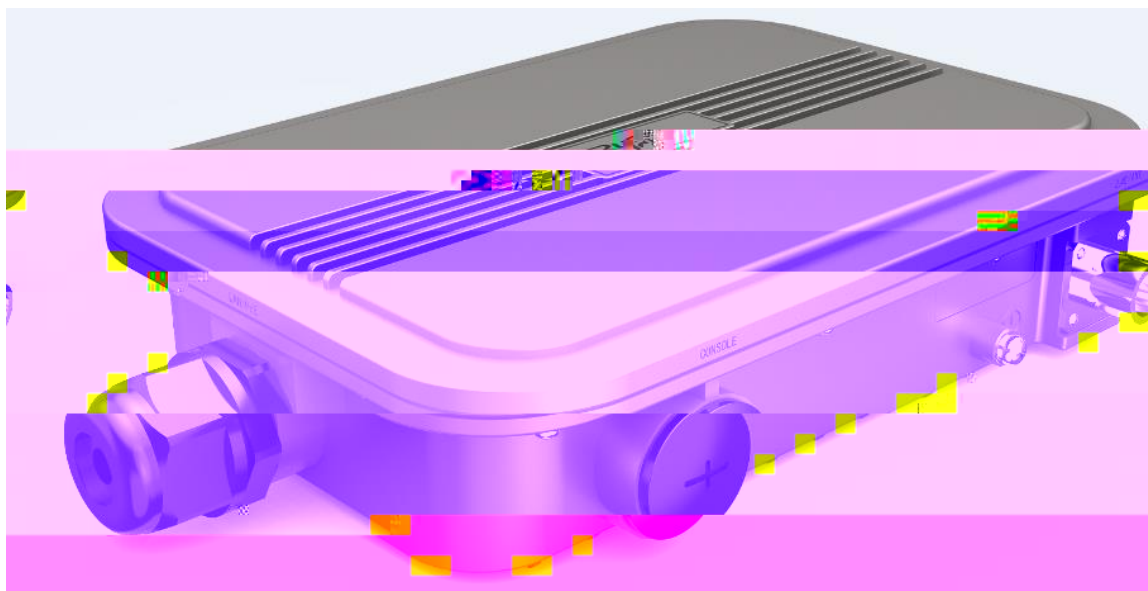
11n -83dBm@MCS0 -65dBm@MCS7

LoRa -146dBm

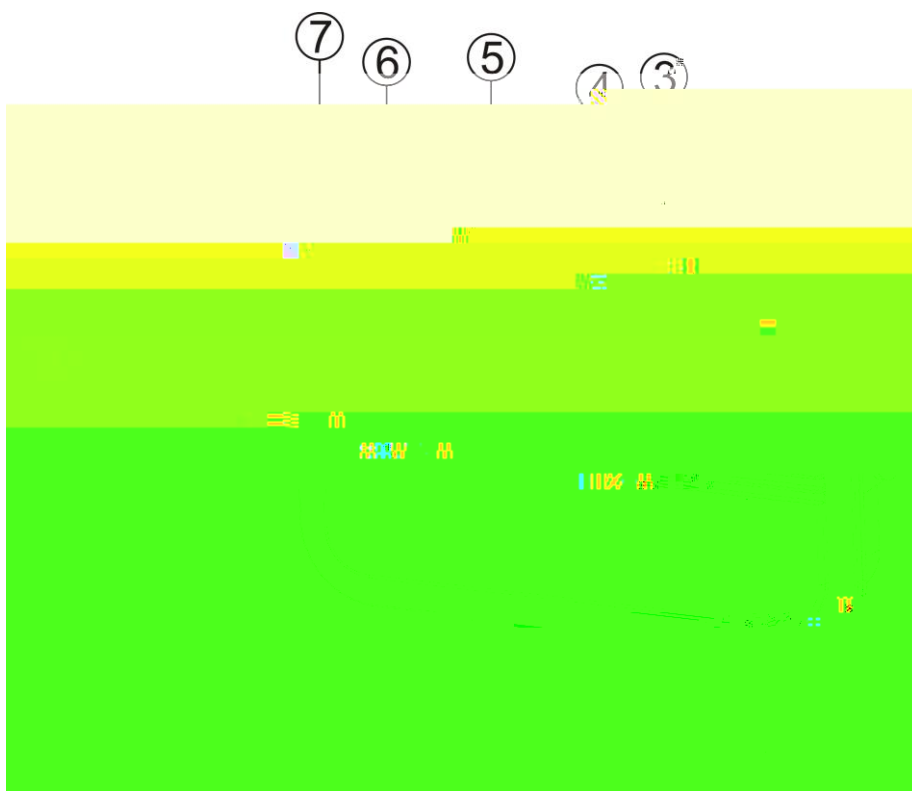
1.2 RG-IBS6120(E)

RG-IBS6120(E)

1-1



1-2



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

LORA/ANT1 LORA 1

BT/ANT

2.4G/ANT 2.4G

GPS

LORA/ANT2 LORA 2

SIM SIM

LAN/PoE 10/100/1000Base-T

ETH1 /48V PoE IN

RJ45

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

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RG-IBS6120(E)

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RG-IBS6120(E)

2.5.2

RG-IBS6120(E)

2.5.3

RG-IBS6120(E)

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RG-IBS6120(E)

-40°C-65°C	10%-90%

2.5.4

(μ 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

-
-

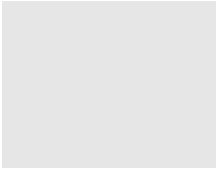
2.6

 RG-IBS6120(E)

-

	POE

2.7



× 1






*1 M5

*4 M6

*2

*2

*1

LORA		1	-
		2	-
		2	-
		2	-
		0	-

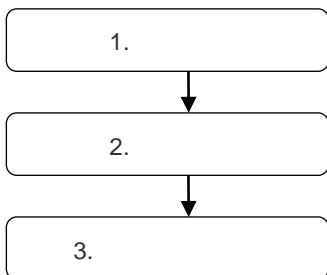


3

RG-IBS6120(E)



3.1



3.2

RG-IBS6120(E)

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3.3

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3.4

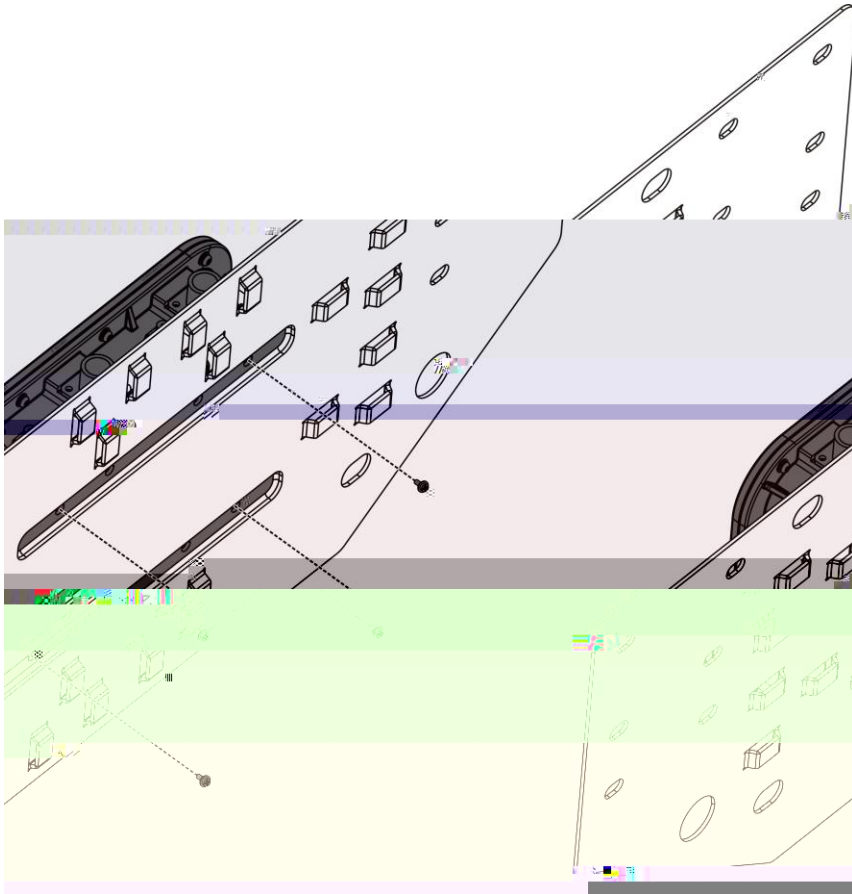


3.4.1

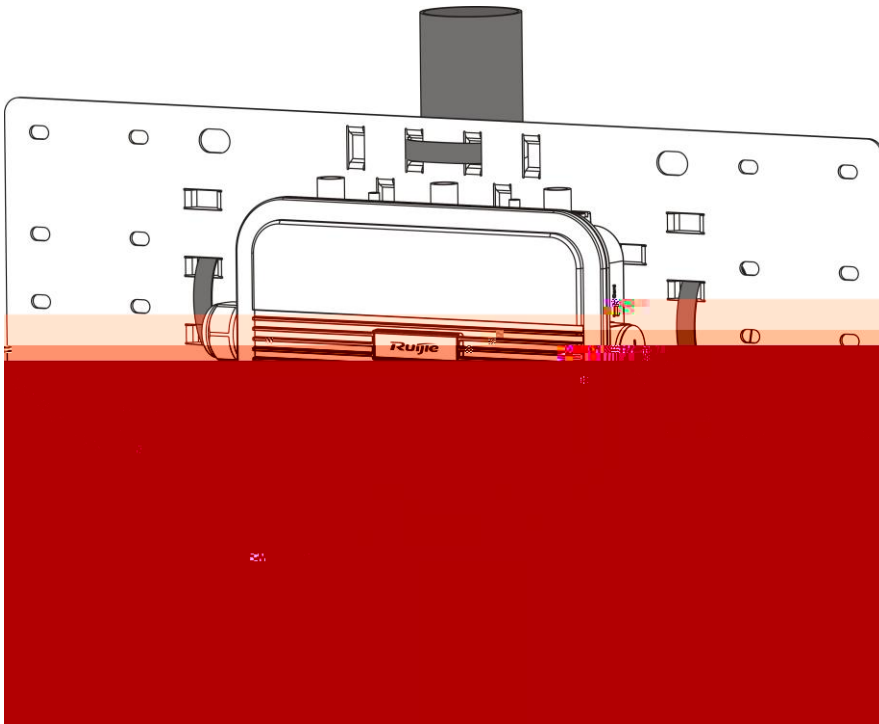
1	M5		4
2	M6		2
3			1
4		2	
5	M6		4

3.4.2

3.4.2.1 5dbi

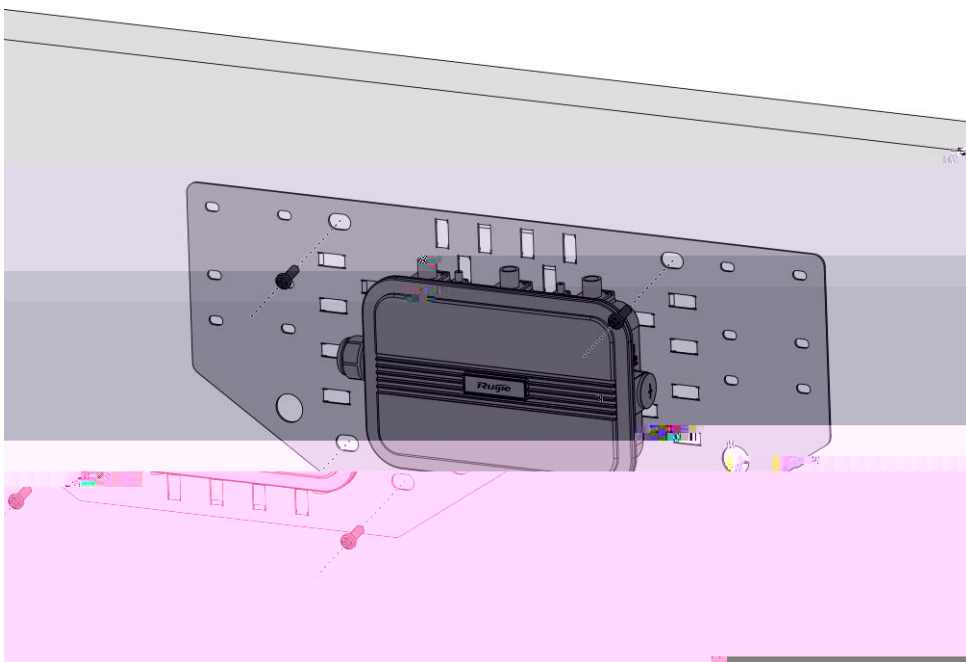


3.4.2.1.1.1



3.4.2.1.1.2

- 1
- 2

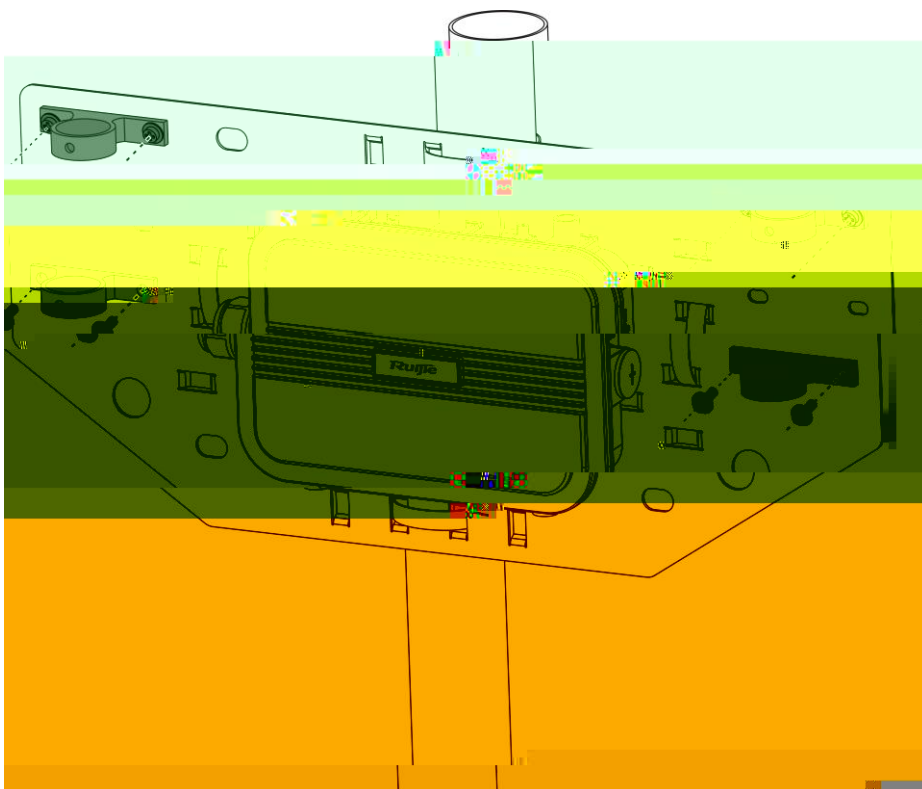


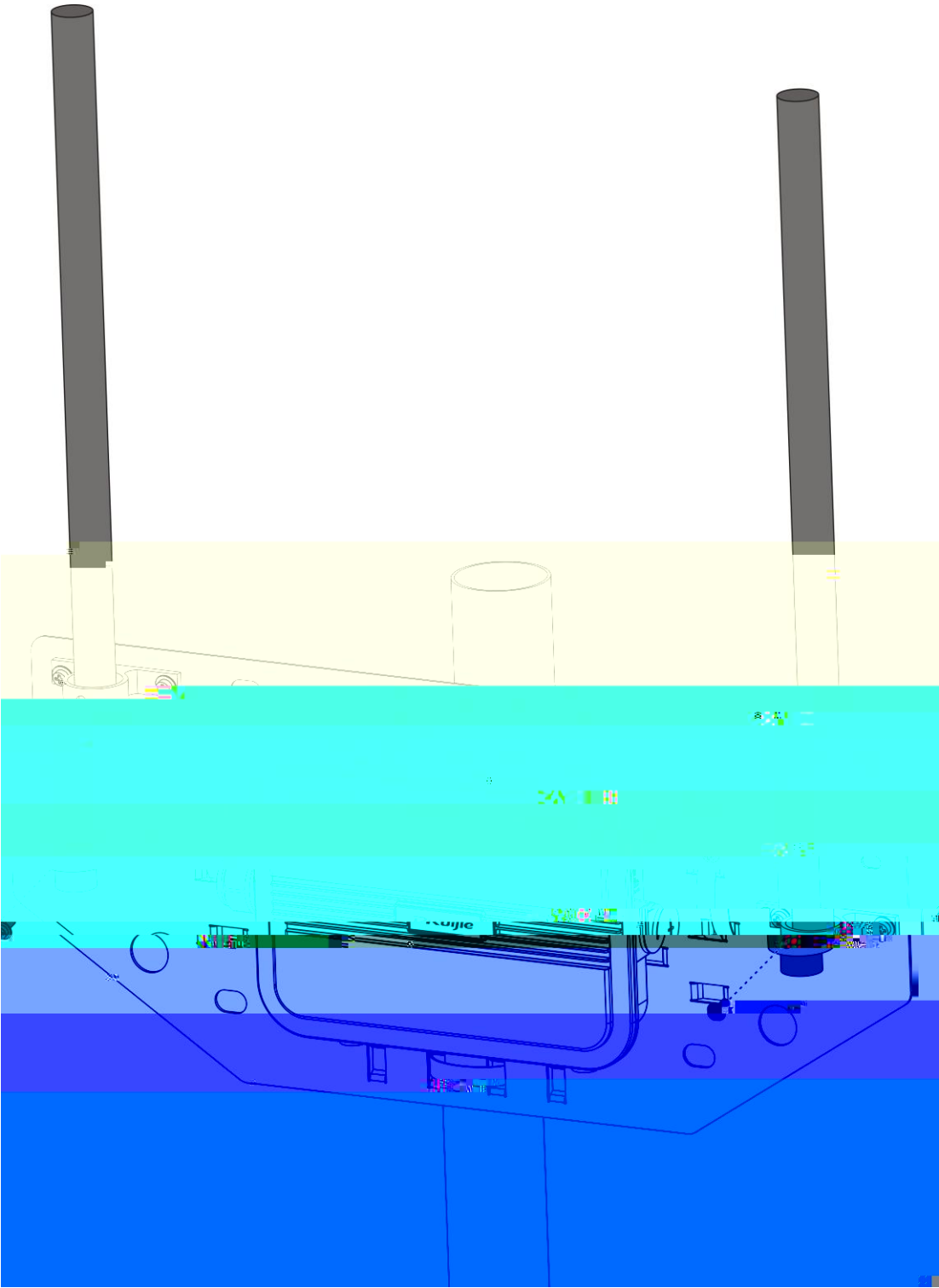
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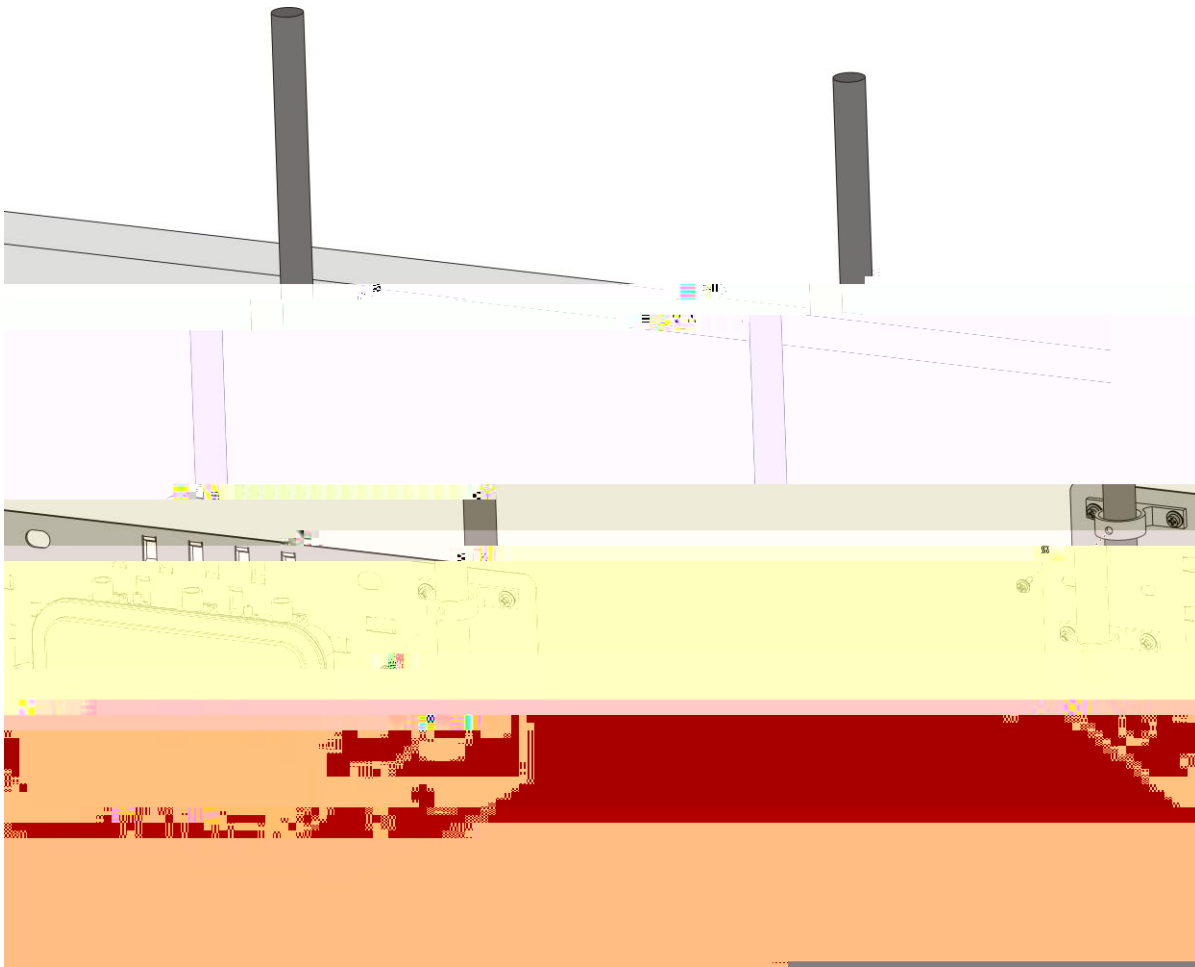
1

2

2







3

GPS

4G

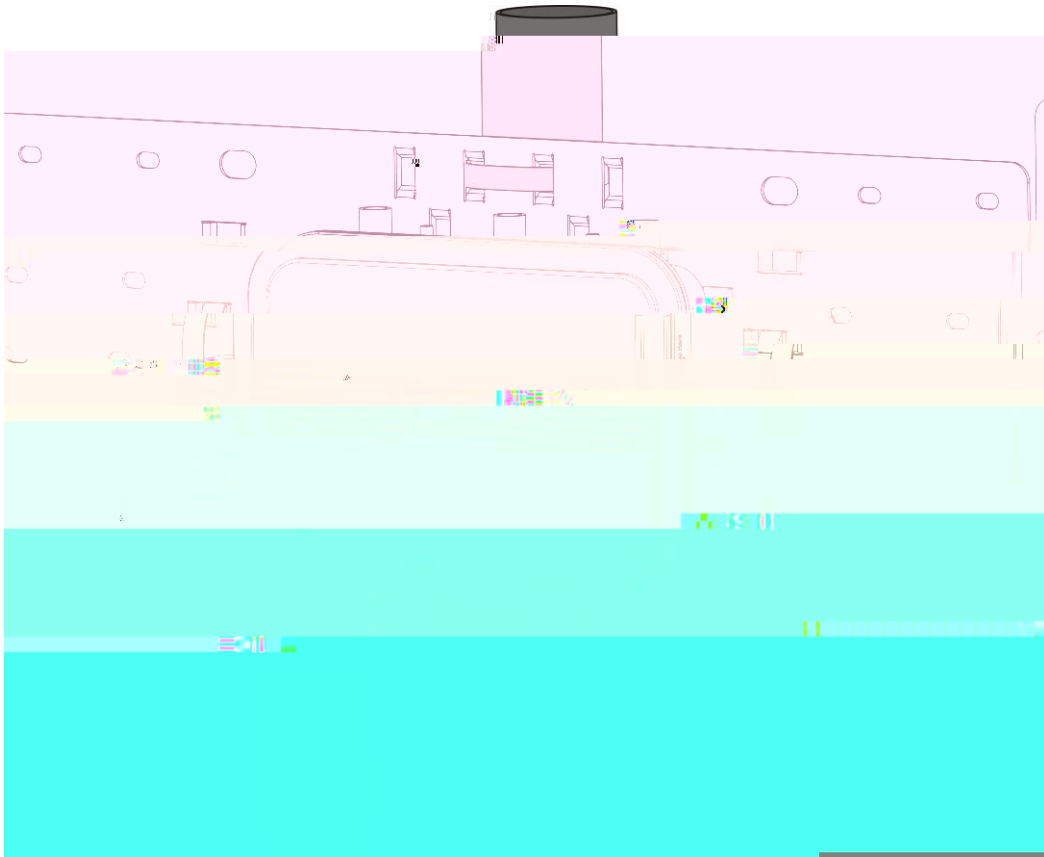
3.4.2.1.3

1 N

3.4.2.2 2dbi

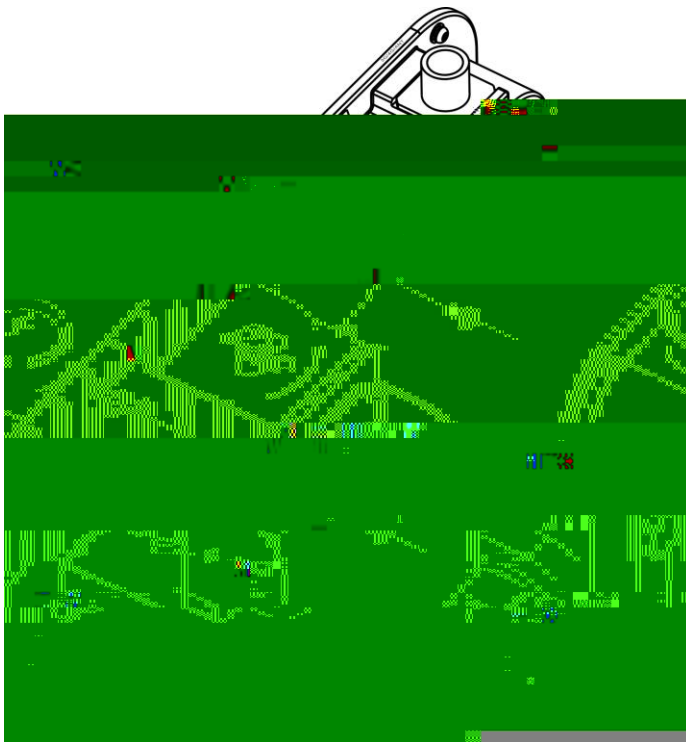
3.4.2.2.1

3.4.2.2.1.1



3.4.2.2.1.2

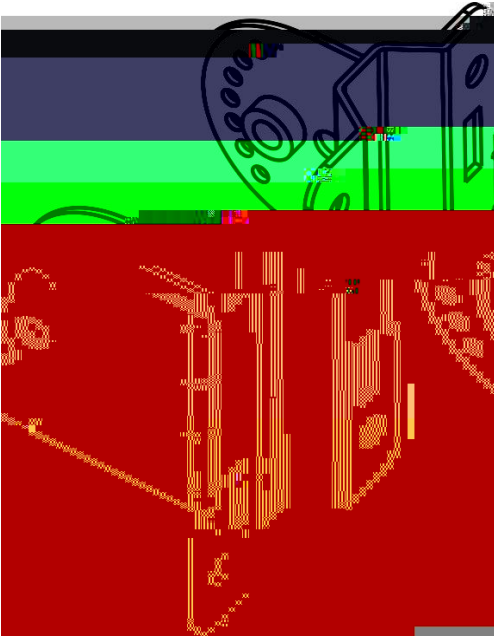
1 4 M5 IBS6120(E)



2

2

4 M6



3 2 M6

4 M6

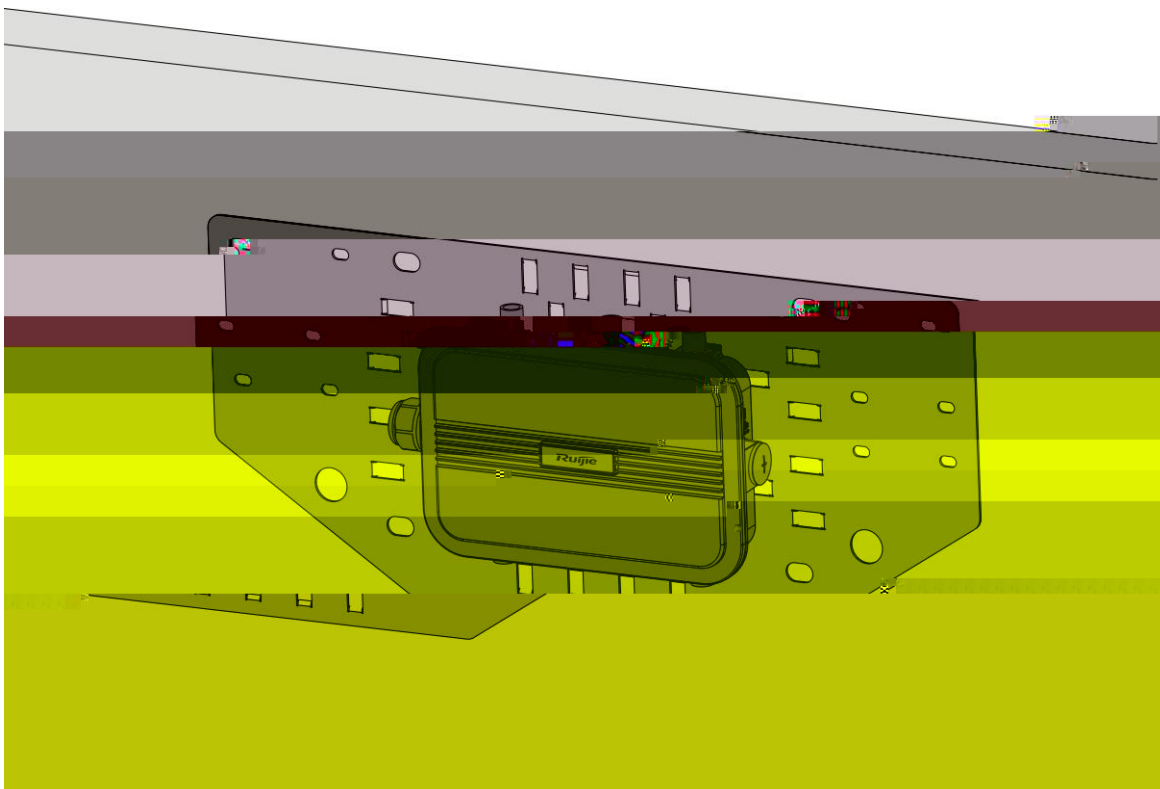
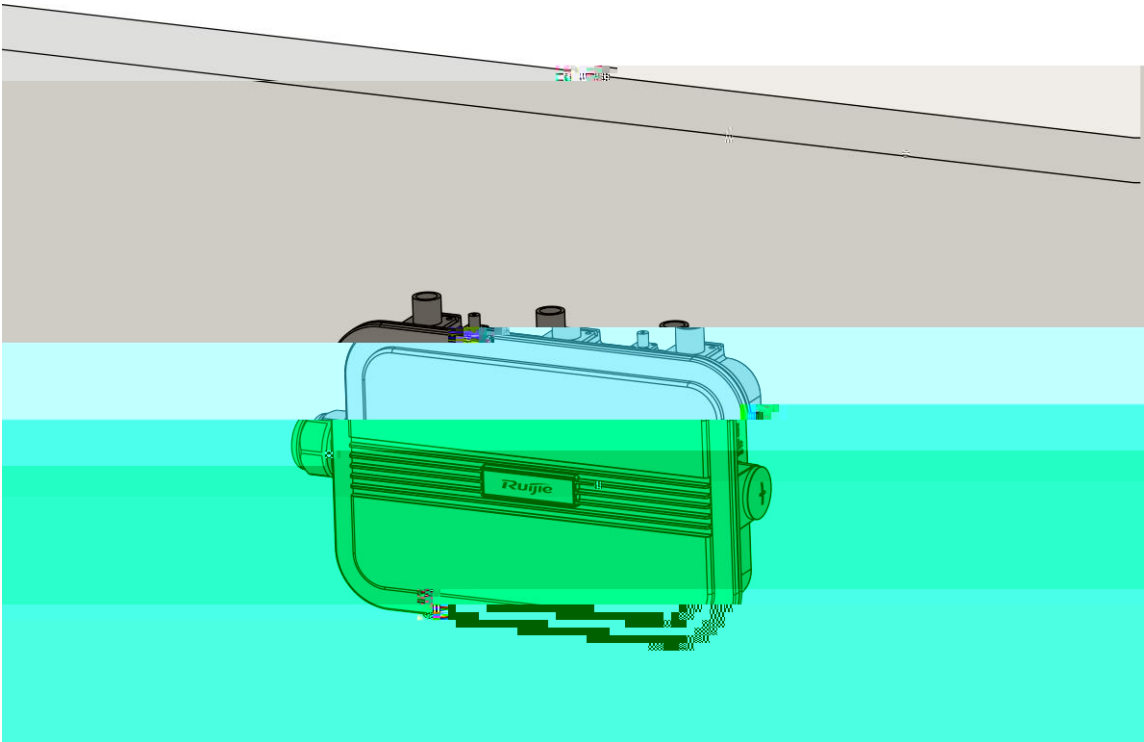
4 M6

IBS6120



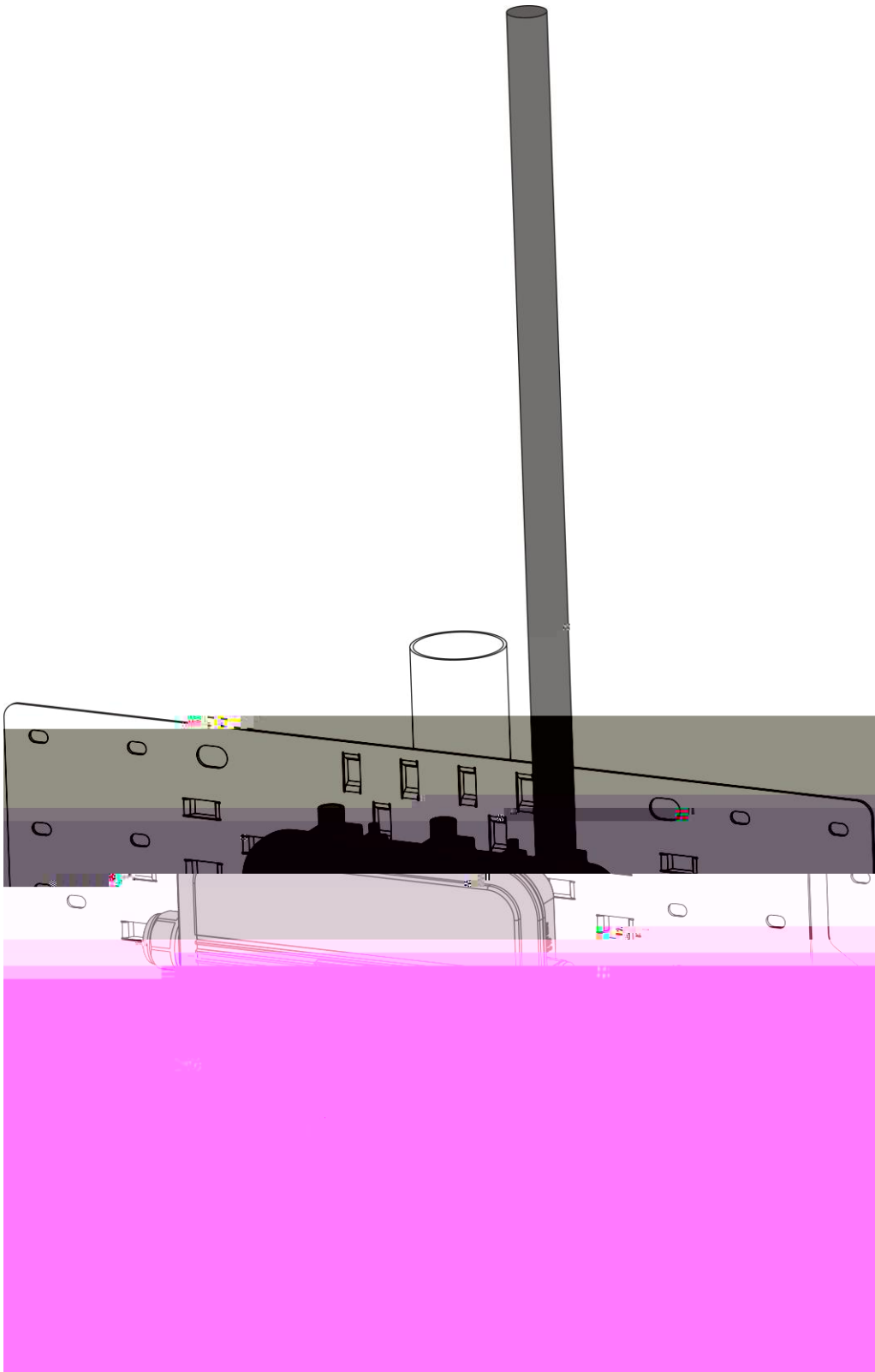
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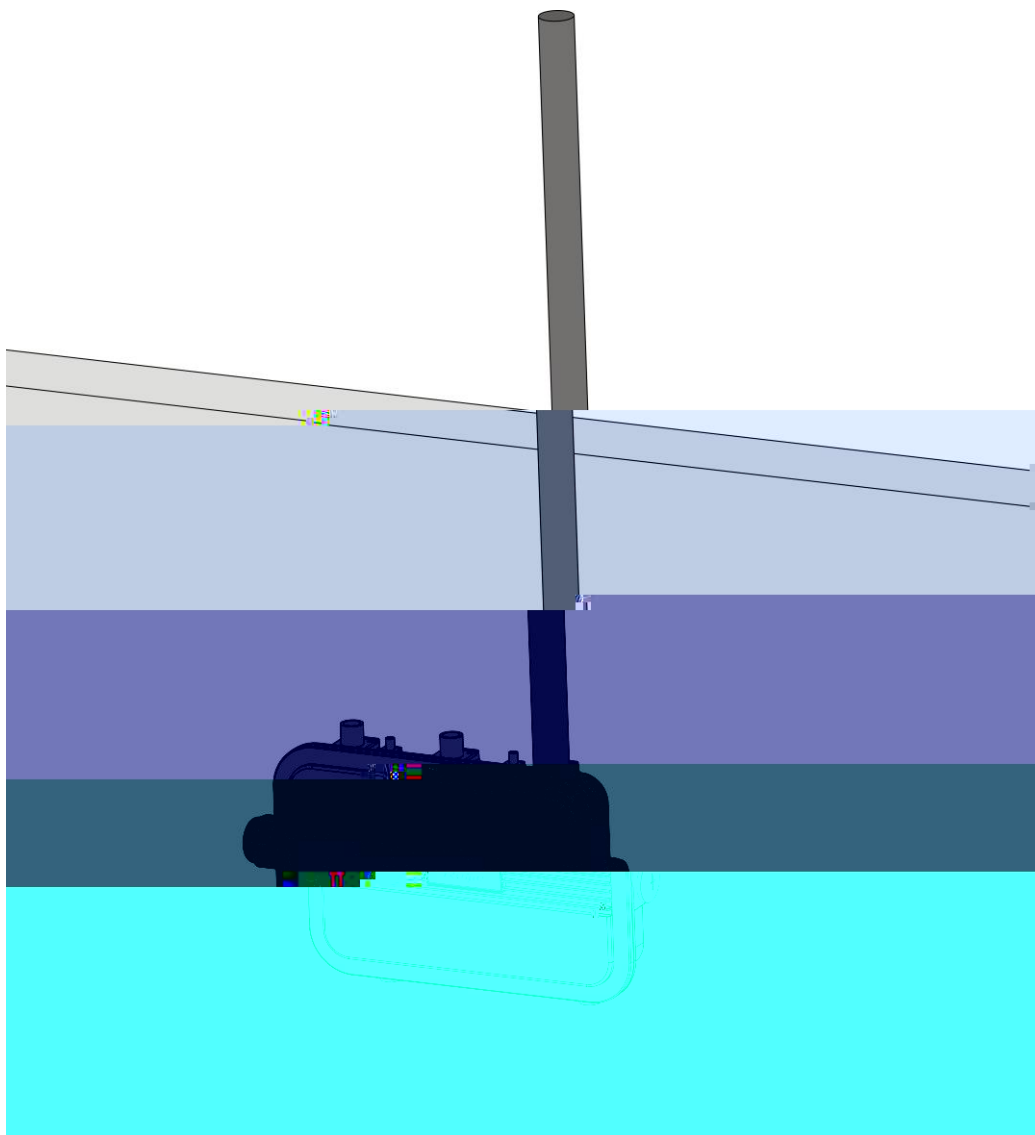
5



3.4.2.2.2

1 Lora





2

GPS

4G

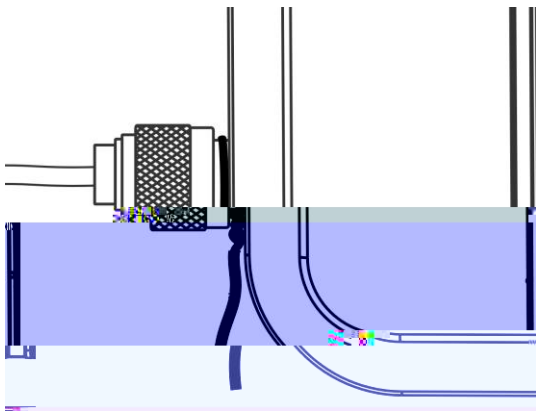
3.4.2.2.3

2dbi

3.5

3.5.1

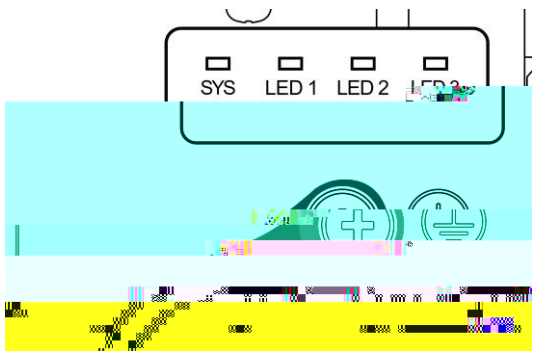
1



2

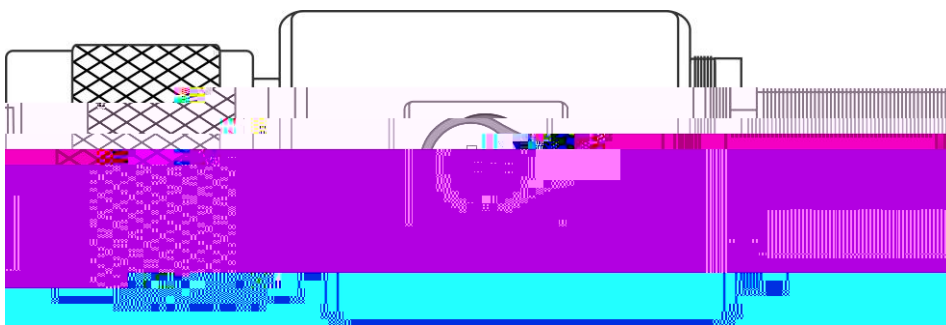
1

3



3

AR30N

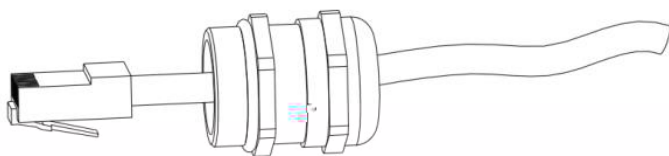


3.5.2

1

2

PG O LAN/PoE POE
A

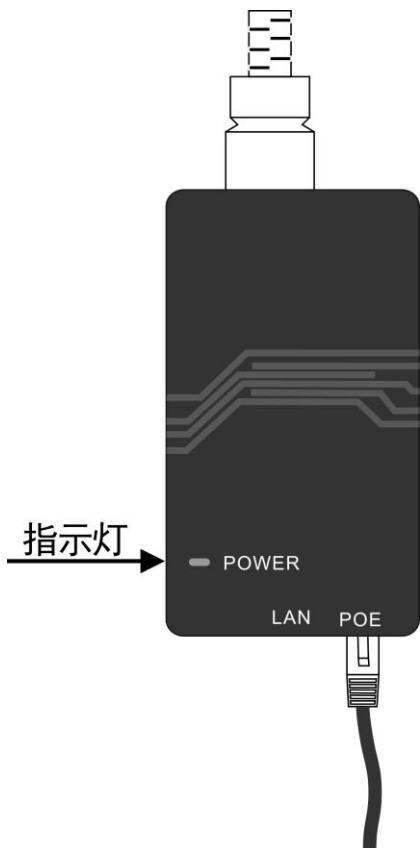


console 9600 8 1

PG PG

3
4

POE

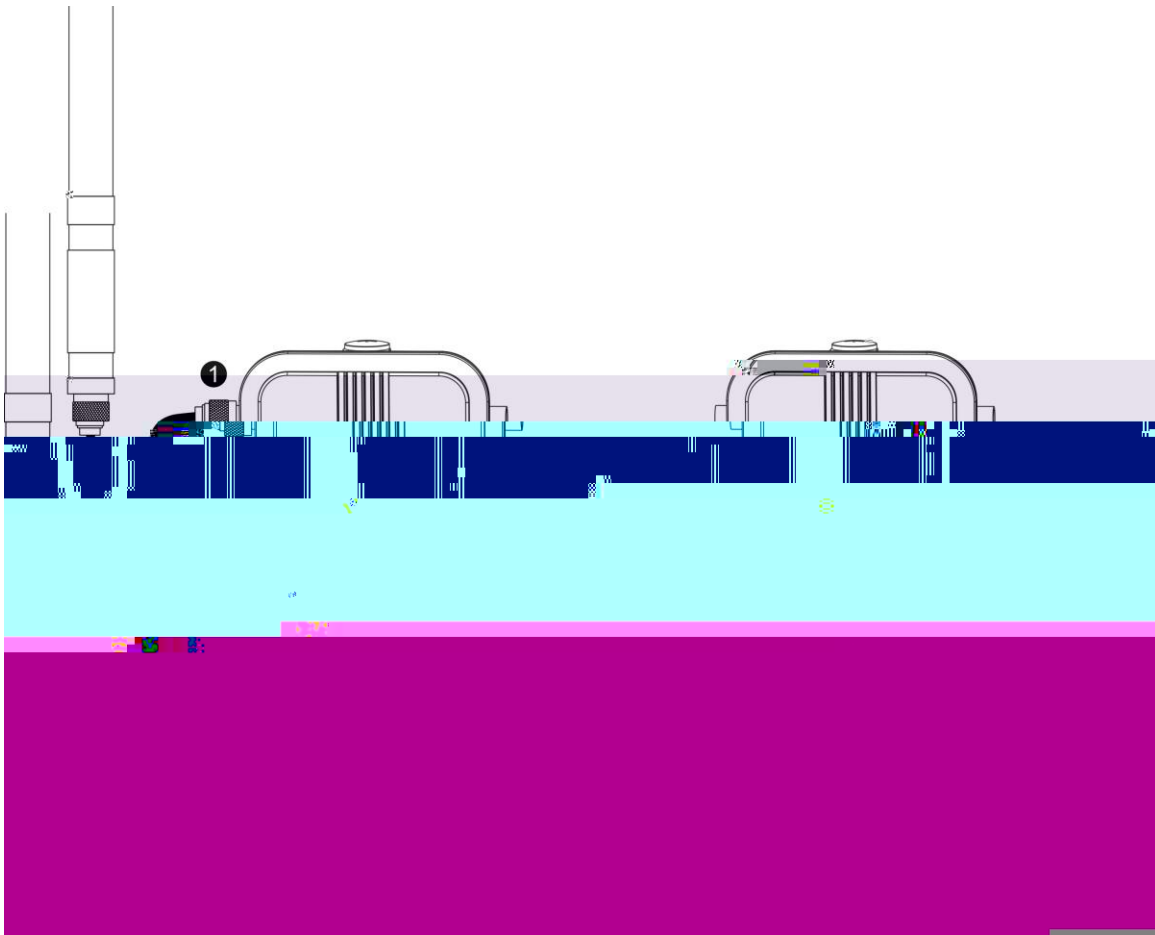


3.7

1
2
3

90°

AR30N



3.8

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1)

LAN/PoE

2)

3)

3.9

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-

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-

-
-

4

4.1

PoE

- PoE
- PC PoE

4.2

-
-

-
-

5

5.1

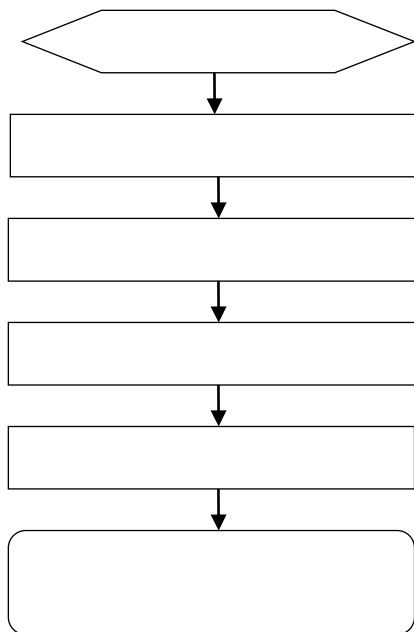
RG-IBS6120(E)

CLI

RG-IBS6120(E)

6

6.1



6.2

LED1

- PoE PoE 802.11af

1)

1)

2)

3)

LED1

SYS

SYS

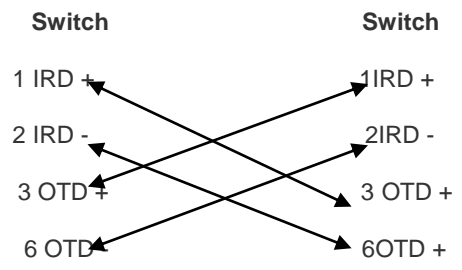
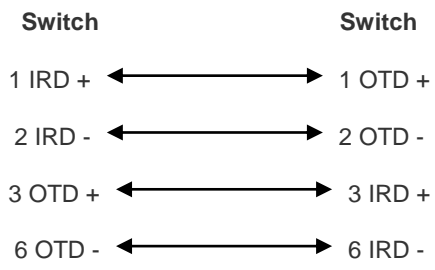
LED1

SYS

SYS

A — —

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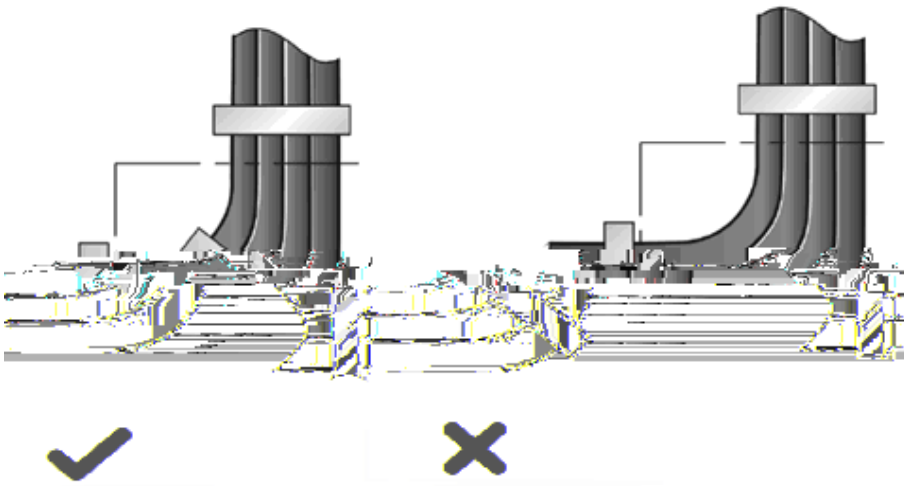
RG-IBS6120

D-2

■

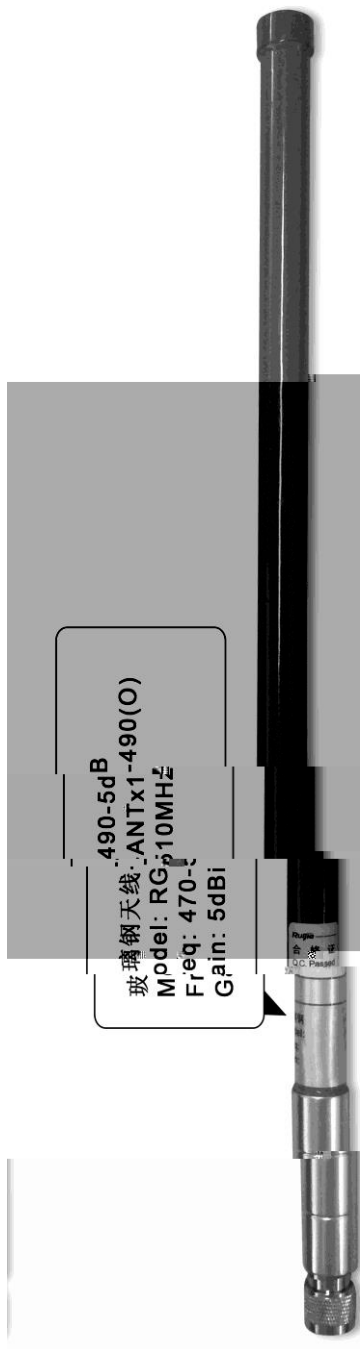
D-3

D-3



■

■ 220V -48V



- 2dbi

