

RG-S2930

V1.03

2022-06-29

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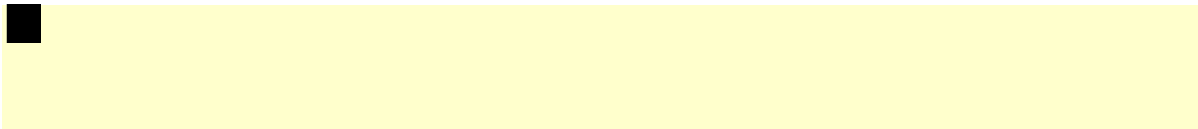
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<http://www.ruijie.com.cn>
<http://www.ruijie.com.cn/fw/>
<http://ocs.ruijie.com.cn>
4008-111-000
<http://www.ruijie.com.cn/special/fw/tool/xryf/>
4008111000@ruijie.com.cn
doc@ruijie.com.cn



APP

1.











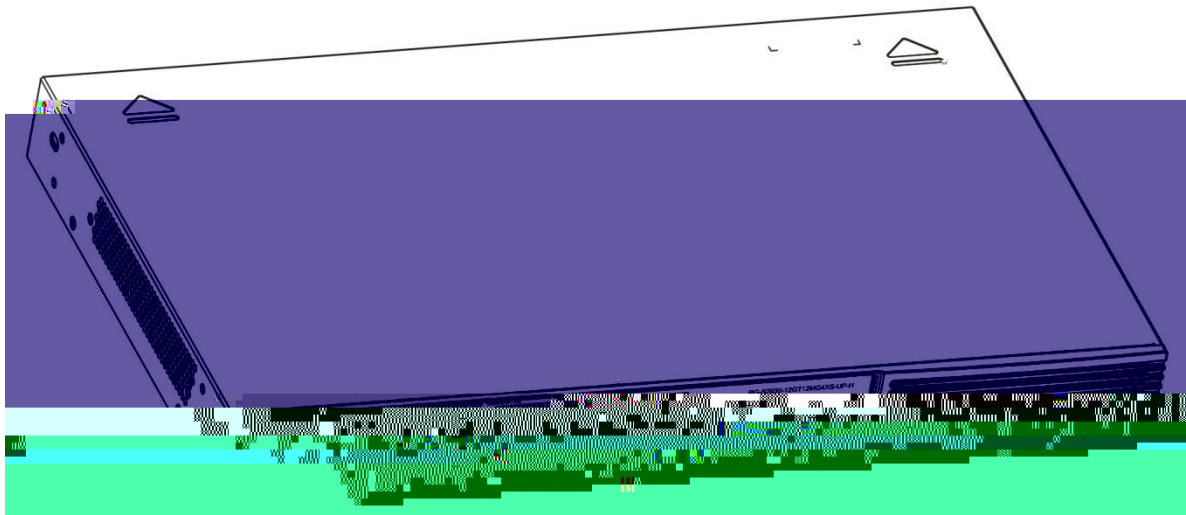
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2.

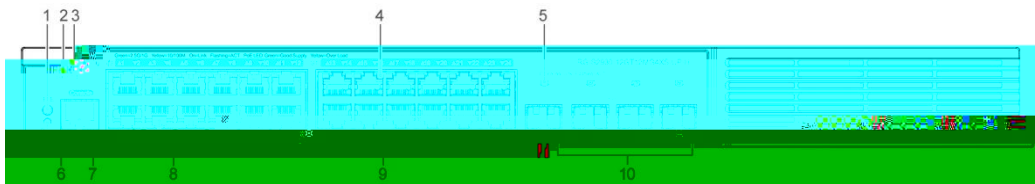
	- AC 100-240V~ 90-264V~ 50/60Hz 6.8A - HVDC 192-290VDC 3.5-2.5A 0.5mA
EEE	
POE	RJ45 POE 1-8 60W POE 16 9-24 30W POE PoE/PoE+ 370W  POE POE POE
	POE <50W PoE <430W
	0°C 50°C
	-40°C 70°C
	10% 90% RH
	5% 95% RH
EMC	GB/T 9254.1-2021
	GB 4943.1-2011
× × mm	440 *260*44
kg	6.26

RG-S2930-12GT12MG4XS-UP-H A

RG-S2930-12GT12MG4XS-UP-H	12	100/1000/2.5GBase-T	12
10/100/1000Base-T	4 SFP+	1 Console	
1-1RG-S2930-12GT12MG4XS-UP-H			



1-2RG-S2930-12GT12MG4XS-UP-H



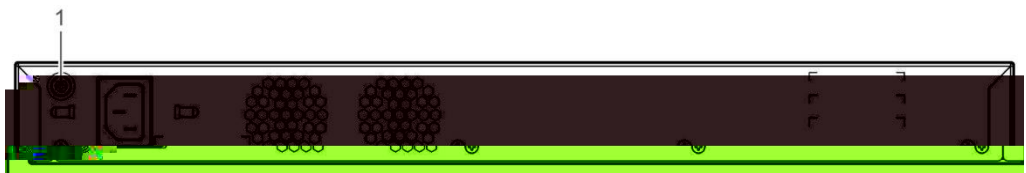
- | | | |
|---|-----|-----------------------|
| 1 | POE | 6 |
| 2 | | 7 Console |
| 3 | POE | 8 100/1000/2.5GBase-T |
| 4 | | 9 10/100/1000Base-T |
| 5 | | 10. SFP+ |

PoE

POE

2

1-3RG-S2930-12GT12MG4XS-UP-H



1

RG-S2930-12GT12MG4XS-UP-H

AC

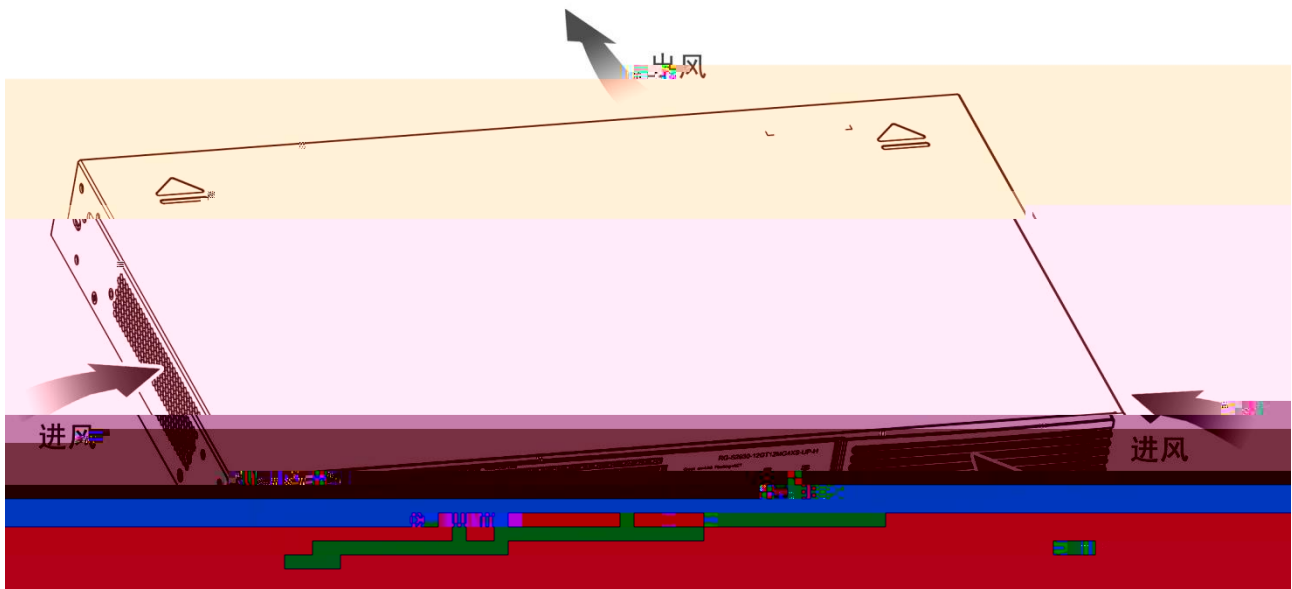
- 100-240V~
- 90-264V~
- 50/60Hz
- 6.8A
- 10A
- HVDC
- 192-290VDC
- 3.5-2.5A

RG-S2930-12GT12MG4XS-UP-H

10cm

3

1-4RG-S2930-12GT12MG4XS-UP-H



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2

2.1



RG-S2930



2.1.1



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Da



	15mA	15mA			
				≤ 30mA	30mA
	30mA		2	2	
		1			

2.1.4

- PE
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2.1.5

RG-S2930 I

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- 2 2 2 2 2 2 2 2 2 2

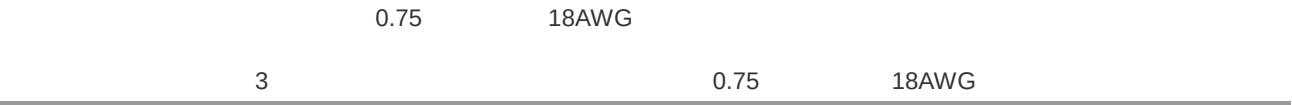
2.2.2

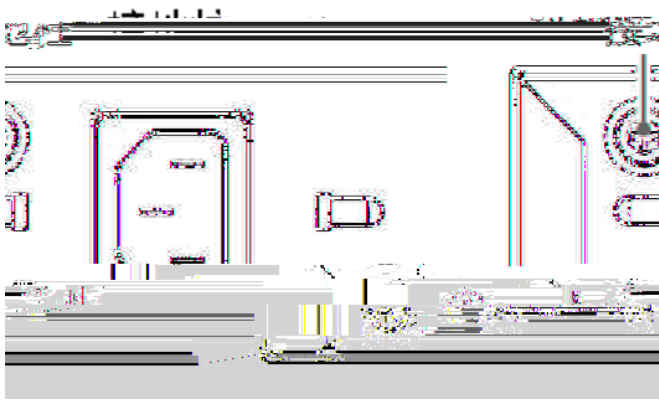
RG-S2930

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2.2.5

RG-S2930





2.2.6

RG-S2930



2.2.7 EMI

EMI

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2.3

3

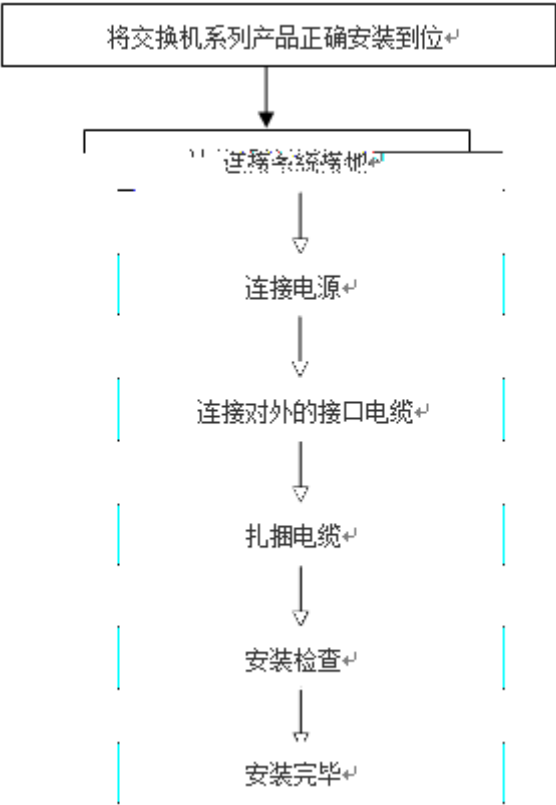


“

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3.1



3.2

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3.3 RG-S2930

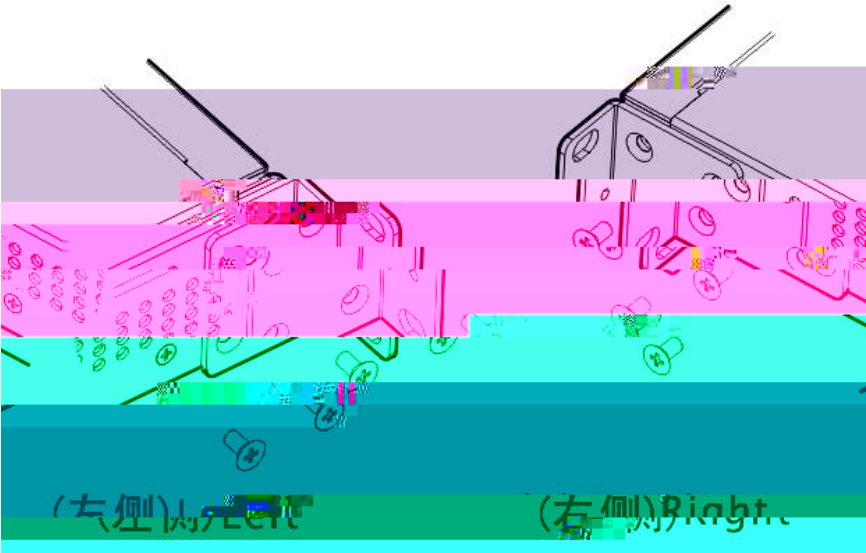
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- RG-S2930
- 10
- RG-S2930
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3.3.1

RG-S2930 EIA 19

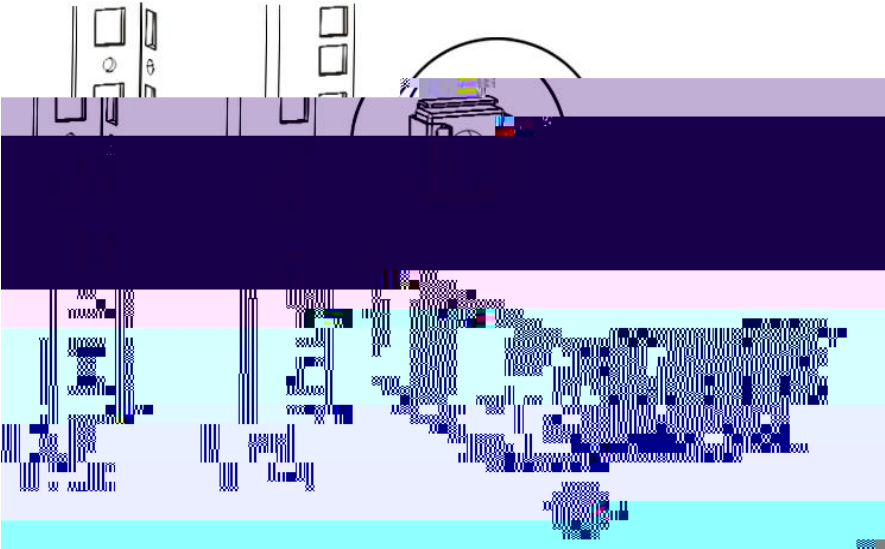
3-1

3-1

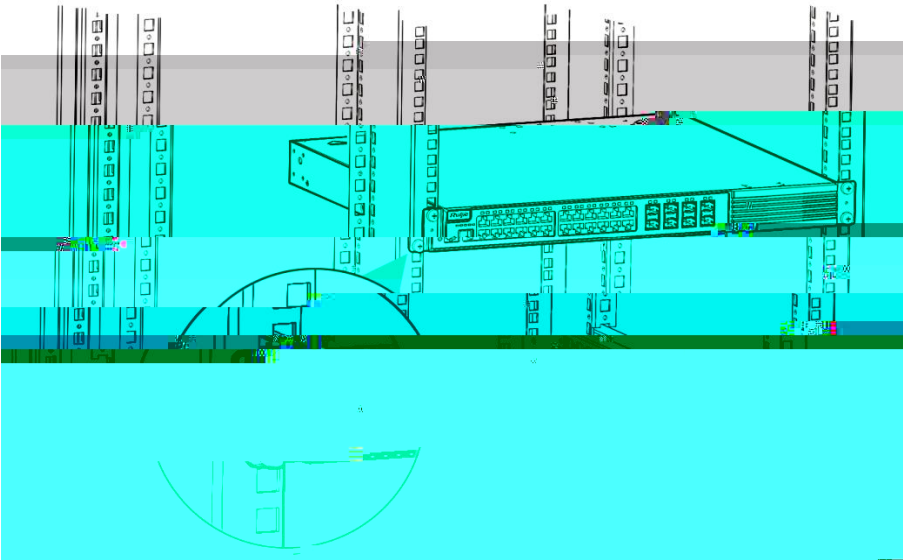


3-2 3-3 M6

3-2



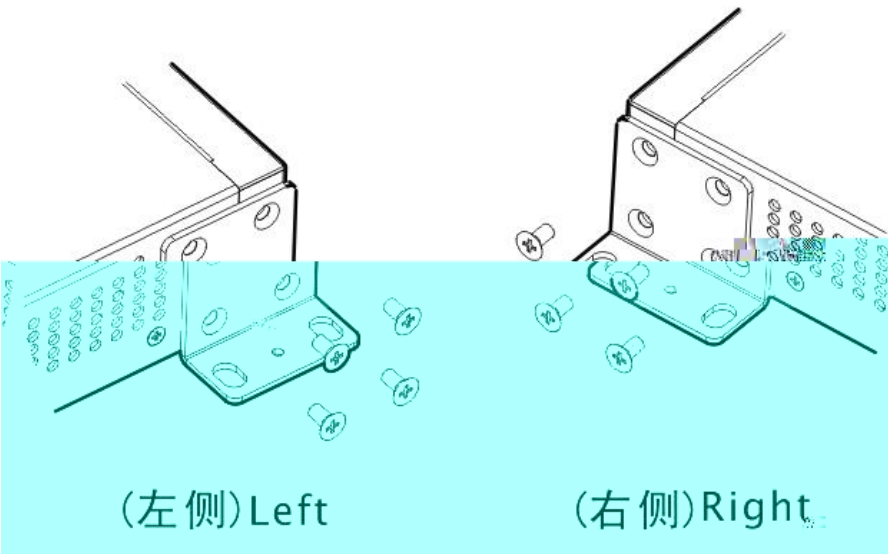
3-3



3.3.2

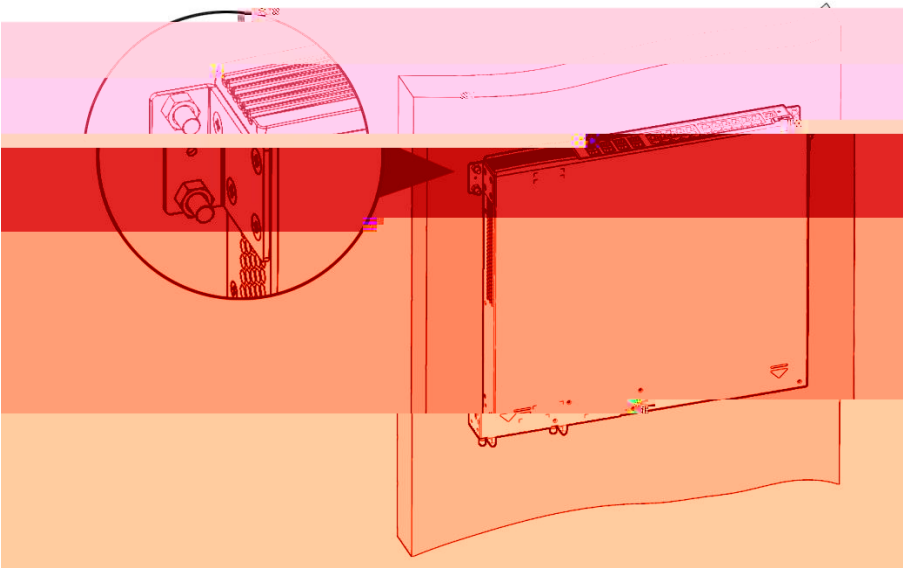
RG-S2930

3-4



3-5

3-5



3.3.3

19

4

3-6

3-6

4

4.1



- DB-9 PC
- RJ-45 Console
- PC PC Windows3.1 Terminal Windows 95/98/NT/2000/XP
- 9600 8 1

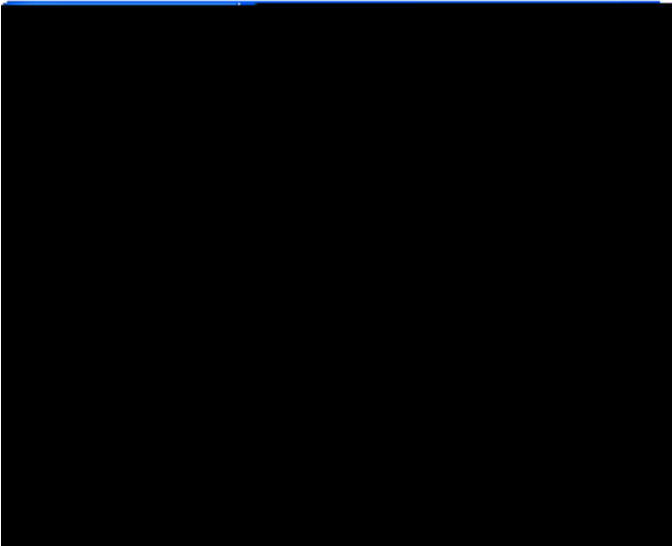
1) “ ” “ ” “ ” “ ” “ ” 4-2

4-2



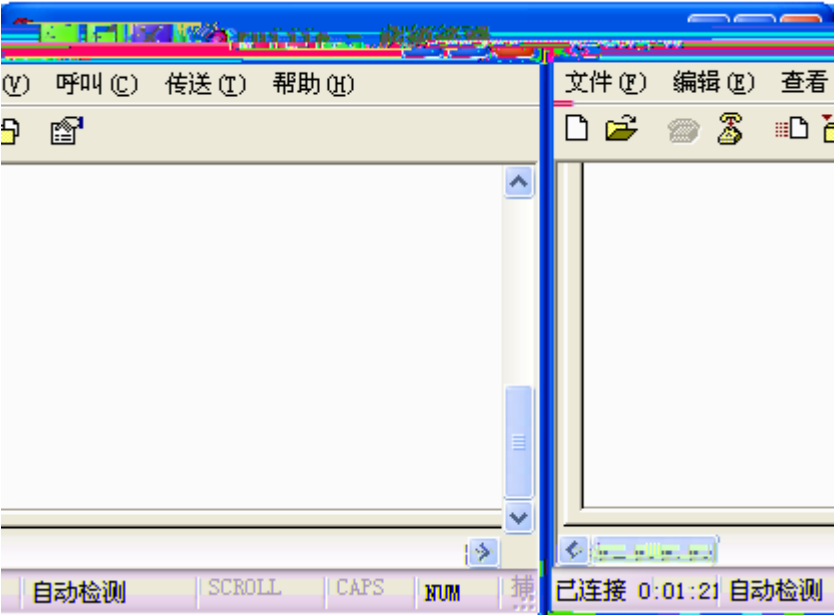
2) “ ” 4-3

4-3



3) < > 4-4

4-4



4.2

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- PC console

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5

5.1

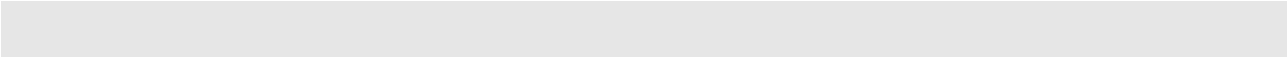
5.2

status		

A

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
	STP	100				
1000BASE						



SwitchSwitch		Switch	Switch
1 IRD +	1 OTD +	1 IRD +	1 OTD +
2 IRD -	2 OTD -	2 IRD -	2 OTD -
3 OTD +	3 IRD +	3 OTD +	3 IRD +
6 OTD -	6 IRD -	6 OTD -	6 IRD +

1000BASE-T/100BASE-TX

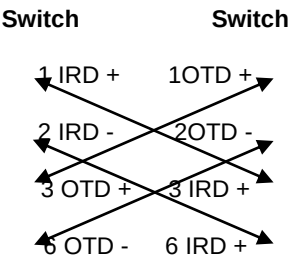
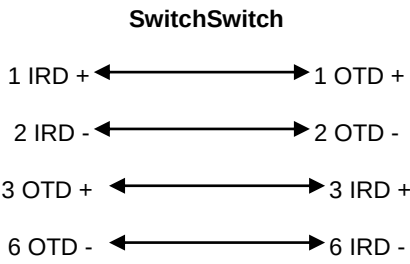
1000BASE-T/100BASE-TX		MDI/MDIX Crossover
1000BASE-T	IEEE 802.3ab	

3	Output Transmit Data+	Input Receive Data+
6	Output Transmit Data-	Input Receive Data-
4 5 7 8	Not Used	Not Used

100BASE-TX/10BASE-T

A-3

A-3 100BASE-TX/10BASE-T



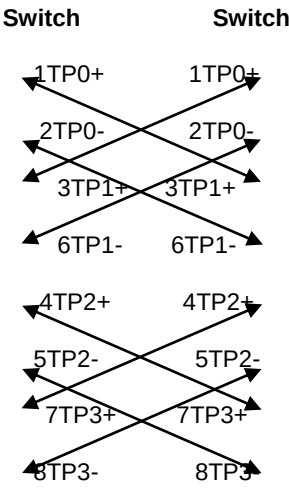
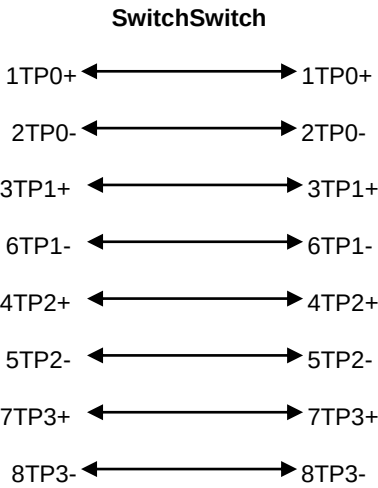
2.5GBASE-T/1000BASE-T/100BASE-TX

2.5GBASE-T/1000BASE-T/100BASE-TX

MDI/MDIX Crossover

2.5GBASE-T	IEEE 802.3bz	100	100-ohm	5	UTP	STP
	STP	100				
1000BASE-T	IEEE 802.3ab	100	100-ohm	5	UTP	STP
	STP	100				
2.5GBASE-T/1000BASE-T	4		4		2.5GBASE-T/1000BASE-T	
	A-1					

A-1 2.5GBASE-T/1000BASE-T



100BASE-TX

100BASE-TX

100Mbps

100-ohm 5

100

A-2

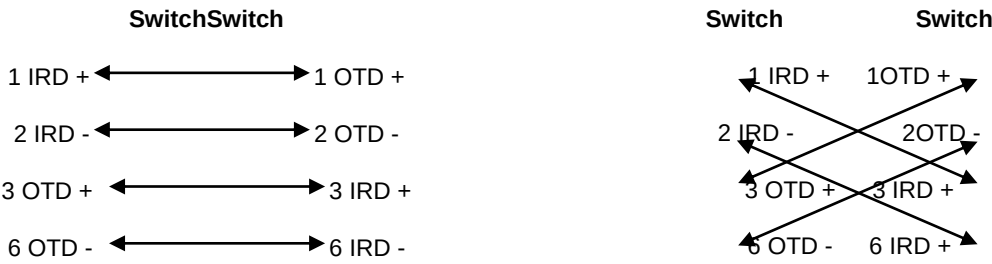
A-2 100BASE-TX

Pin		
1	Input Receive Data+	Output Transmit Data+
2	Input Receive Data-	Output Transmit Data-
3	Output Transmit Data+	Input Receive Data+
6	Output Transmit Data-	Input Receive Data-
4 5 7 8	Not Used	Not Used

100BASE-TX

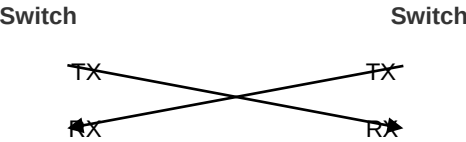
A-3

A-3 100BASE-TX



A-4

A 4



B Mini-GBIC SFP+



B-1 Mini-GBIC SFP

	(nm)		DDM (Yes/No)	(dBm)		(dBm)	
				min	max	min	max
MINI-GBIC-SX-MM850	850		No	-9.5	-3	-17	0
MINI-GBIC-LX-SM1310	1310		No	-9.5	-3	-20	-3
GE-SFP-SX	850		No	-9.5	-3	-17	0
GE-SFP-LX	1310		No	-9.5	-3	-20	-3
GE-SFP-SX-SM1550-BIDI	1550TX/1310RX		No	-10			

B-5 SFP+

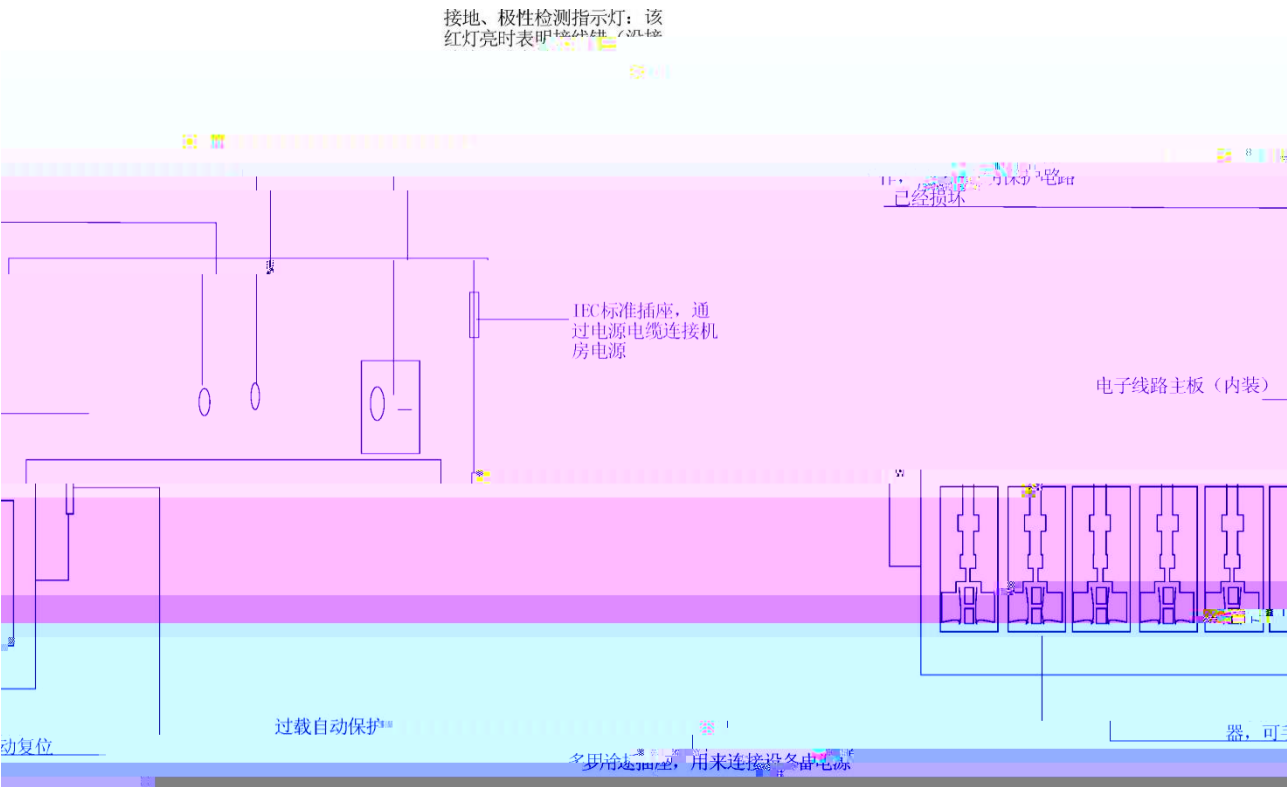
69 15.6 WBT/F1 9 T1 0 0 1 62.064 65322 69 n /P MCID 72/100-US)BDC 56

	(nm)	DDM (Yes/No)		dbm		dbm	
XG-SFP-SR-MM850	850	Yes		-5	-1	-7.5	0.5
XG-SFP-SR-SM1270-BIDI	1270	No		-3	4	-9	0.5



C

C-1



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PE

PE

PE

1)

2)

3)

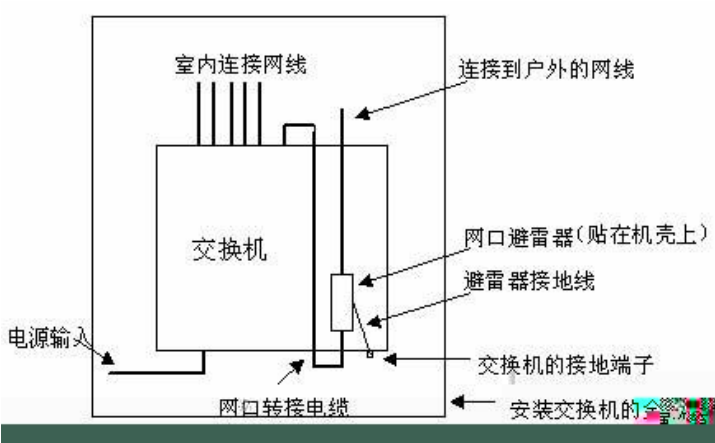
4)

OUT

IN

5)

C-2



10/100M

RJ-45



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“IN”

“OUT”

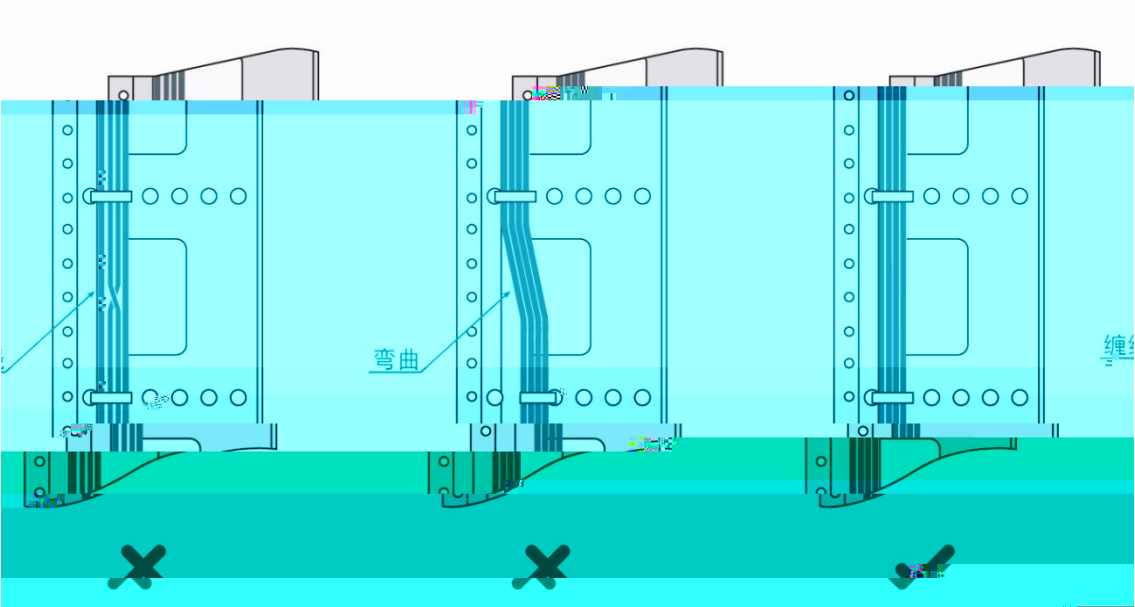
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RG-S2930

19



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30mm

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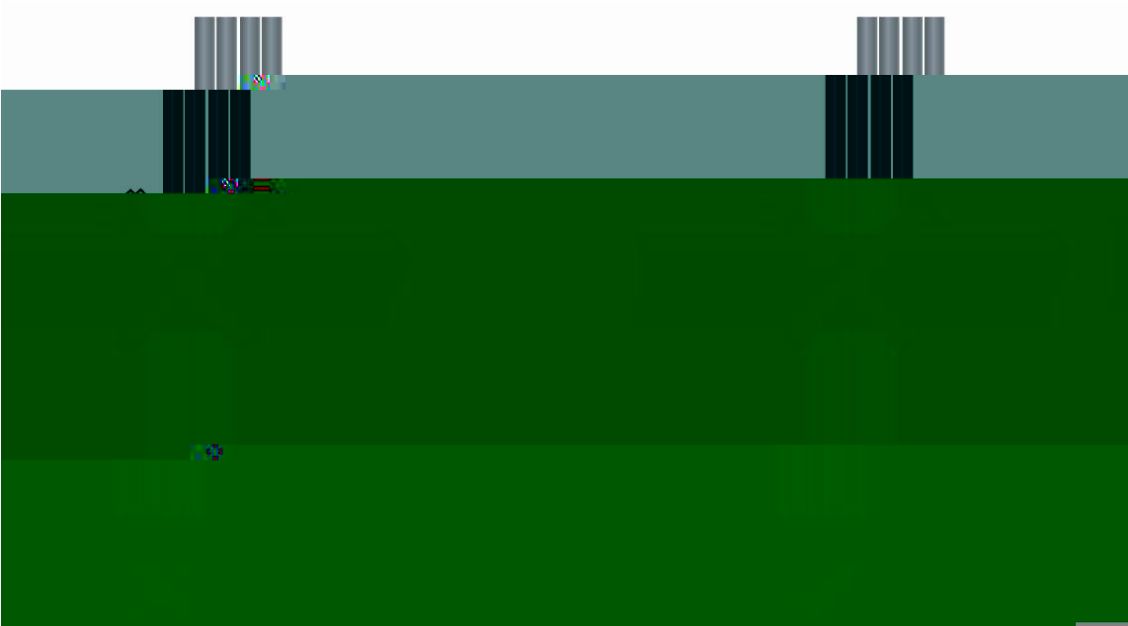
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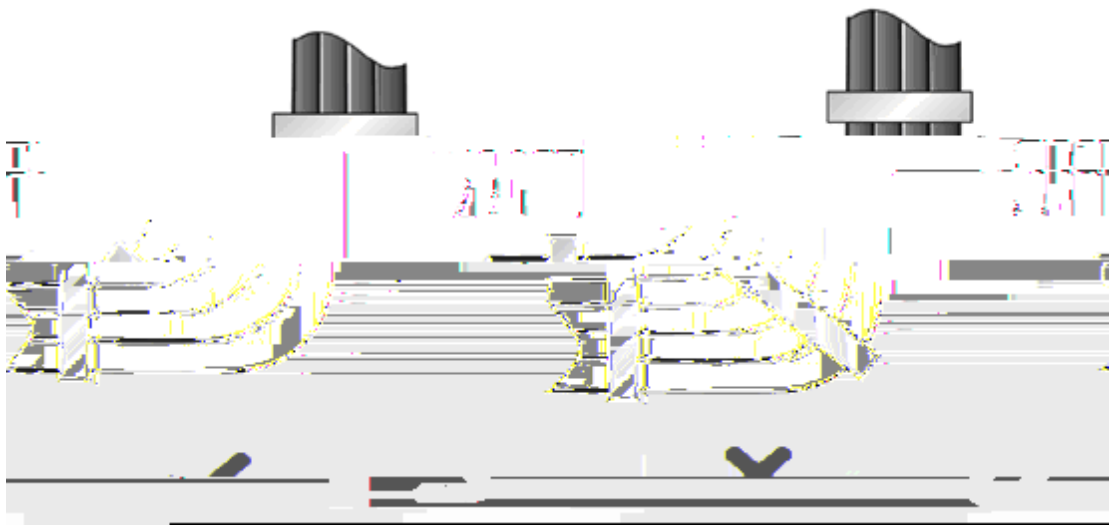
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D-3

D-3



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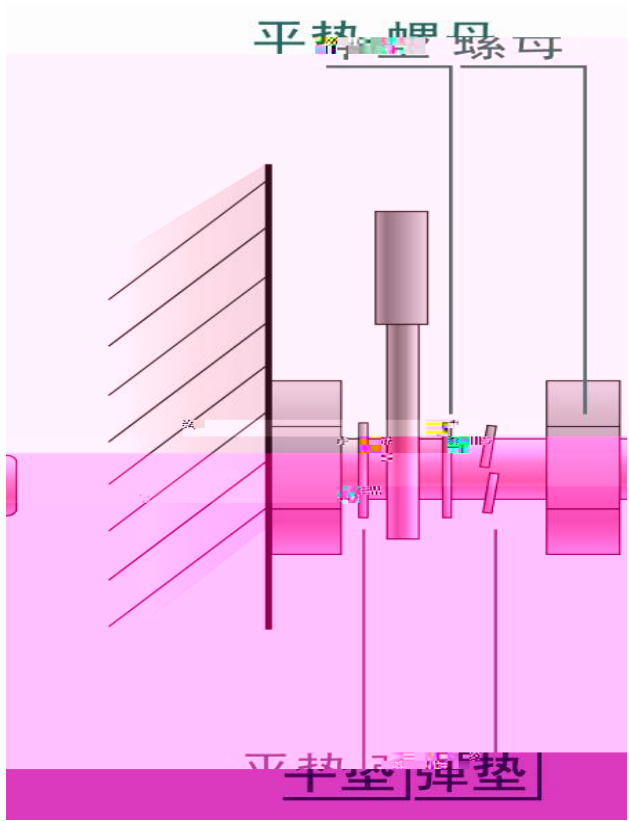
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