M7000L-AP842I-RU xð)

±

F^ xðE

gē V1.0

é« 2024-05-08

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ø W

https://www.ruijie.com.cn

https://www.ruijie.com.cn/fw/

https://ocs.ruijie.com.cn

4008-111-000

4i:yÆ https://www.ruijie.com.cn/special/fw/tool/xryf/

Ø ÿ 4008111000@ruijie.com.cn

doc@ruijie.com.cn

iHĮÆZ 4i:Æ APP

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1 cþ

1.1 CÞ

M7000L-AP842I-RU%² © iHÙ%Ñ Ã ÿx%k¥ u4
802.11axÕ kJE0Ò 2.4GUÂ 575MbpsNµ 5GUÂ 2.4GbpsNµ W
• 2.4G+5G%Ñ 2.975GbpsNµ4° /gMkÞÂ Ãc Ãž

1.2 CÞ

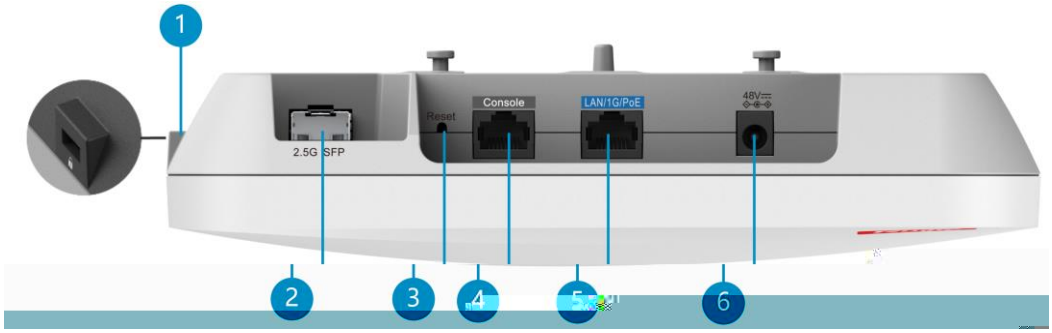
M7000L-AP842I-RU%² m 20Ò• 1 10/100/1000Base-T Ñ NMk 1 2.5G SFP
NMk 1 Consoleò NMy 1Ù› DC M ožM7000L-AP842I-RU%² u4* PoEI
ã DC k DÙ Ã ož

¢ **1-1** „

= **1-1** „ **ý**

¥	¥ /L	× ý
1	**6P°**	

¢ **1-2 Š**



= **1-2 Š**

1		
2	2.5G SFP	
3		
4	Console	
5		IEEE 802.3af PoE
6	DC	DC

1.4 CÞá

1.4.1 ÞÞ

= 1-4 ÞÞá

ÞÞ	M7000L-AP842I-RU
DÞ! ˜ **ã**	220mm˜ 220mm˜ 49mm
D} MO	**ÞÑ** 0.6kg **5ÞÞ** 0.2kg
ÞÞ	**ÞÞ**
Þ%	**ÞÞ**
5ÞÞã ˜ **h**	120mm˜ 120mm˜ 8mm
5ÞÞå	53mm
5ÞÞ+	6.5mm

1.4.2 /Þá

= 1-5 /Þá

/Þá	M7000L-AP842I-RU

= **1-10 ž Cøy E**

Cø	**IC´—**	**4E**
o¯	**—**	**nP %]6P%ž**
)Õol	**—**	**nP % 3ÿ ž**
)ol	**—**	**nPÿogk % M** Link Down**ož**
)?	**l** 3**a** ¯ 1**a**	**nP** FIT% **%** **Ñ** **y** CAPWAP**Ÿ ž**
R)½	**l** 0.2**a** ¯ 0.2**a**	**nP** FIT% **%** **3Õ ž**
R)ol	**—**	**nPÿog k %** **3oW ž**
R)z	**l** 1**a** ¯ 1**a**	**nPÿog k %** **3oW ž**
)½	**l** 0.2**a** ¯ 0.2**a**	**nP** FIT% **k %** **o6P°** **yÔ** **¿—** **%** **ož**

= **1-11 ø**

P	**q**	**R È**
ø	**?49** 2**a**	**Ño**
	x9 3**a**	**Åa—**

1.6 Ð ý

% 2.5GM++€ Õ k¿ NM u4 M5 k x € ÕNM,â.
c%² k Åc kÿ@ 80b°

= **1-13 Ô Ô gÈ– bpsd** 20]T645D4094F56 098g0.149 G[20]T645D4094F054C07564 g9]T6g0.

Ð Ĺû	Ð û	ÔVé

®Ÿ	0.5um Ÿ‡	1umh	Ÿ /mt	‡ 7˜ 10^5
®Ÿ	1um Ÿ‡	3umh	Ÿ /mt	‡ 2.4˜ 10^5
®Ÿ	3um			

2.3 GV¿

= 2-3 V¿ =

oÀW

3 G

M7000L-AP842I-RU ‰²].W9Äwpž

3.1 GŸW

y

3.2 G Ô

¿ ŷåĆÇǖǖ+

x ƒ„ l ĺÈ)p$ k ½ËõŸ ˆ A,B l l´# @6°gp ;p@CUð•Jí $hk U ŠËõŸ— Í0 ¨fx8@ • œ.— Í1®# Í0 S§ Š ®à ¿

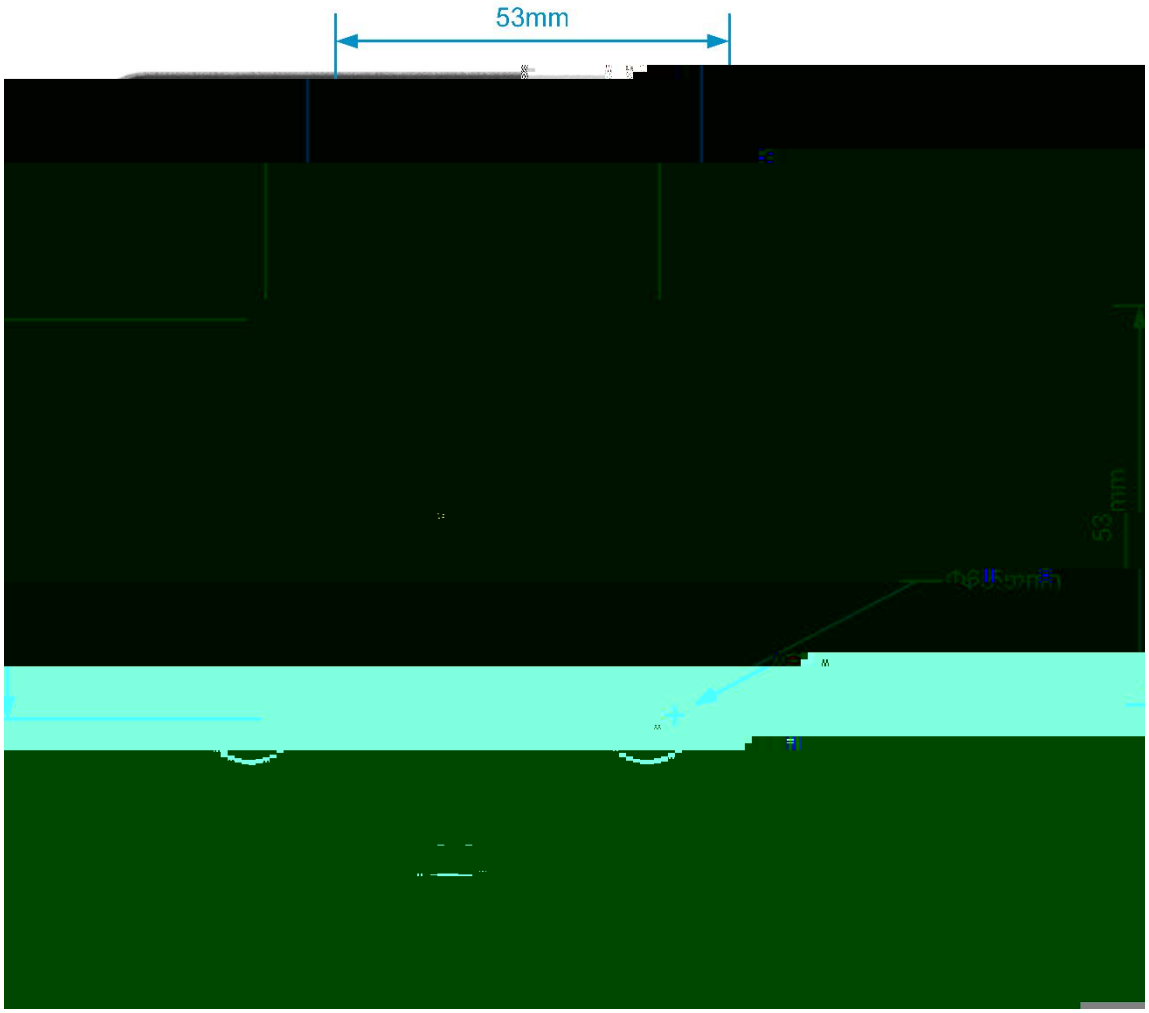
z [illegible]

z [illegible]

z +9u4*[illegible] n 1-4 *MO•

¢ @[illegible] £ 3-1ož

¢ **3-1** [illegible]



3.3 [illegible]

š [illegible] 3o[illegible]

z [illegible]

z [illegible]

z [illegible]

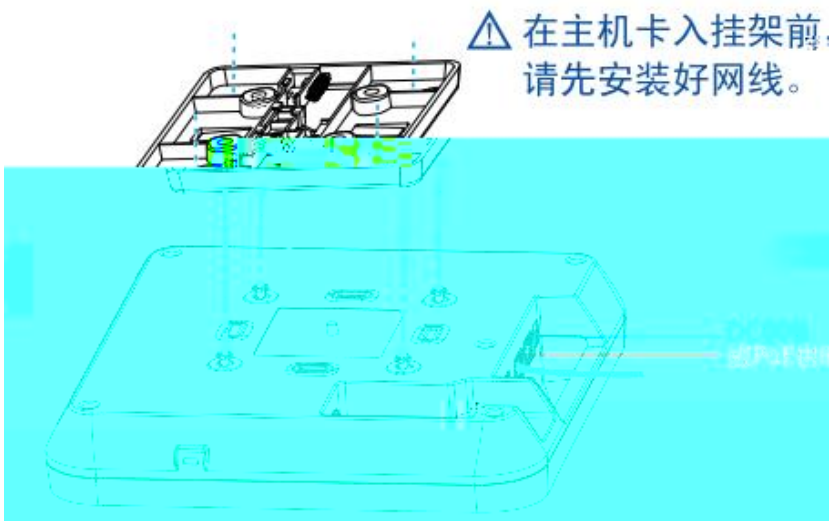
z [illegible]

z [illegible]

z [illegible]

z [illegible]

¢ 3-3 0 ð * Ð



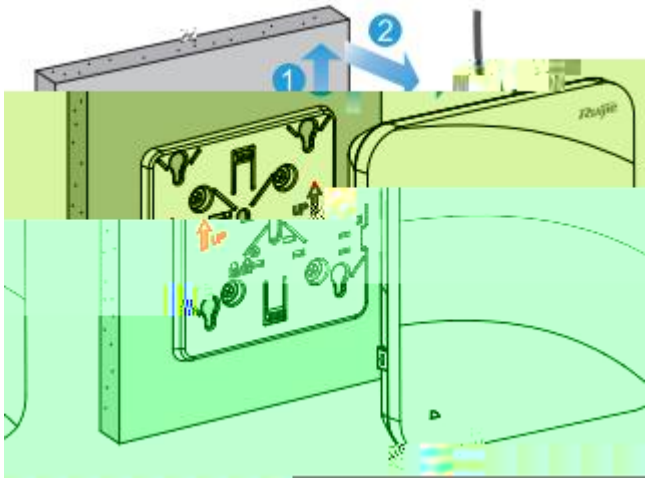
⚠ #ęM©cÐ

(3) 5 5 5 g 1 Ñ ą ž

¢ **3-7**

(2) +95 Ďxk ¬ ¶15 ÅmgPôž

¢ **3-9 0 ÅÕ ý**

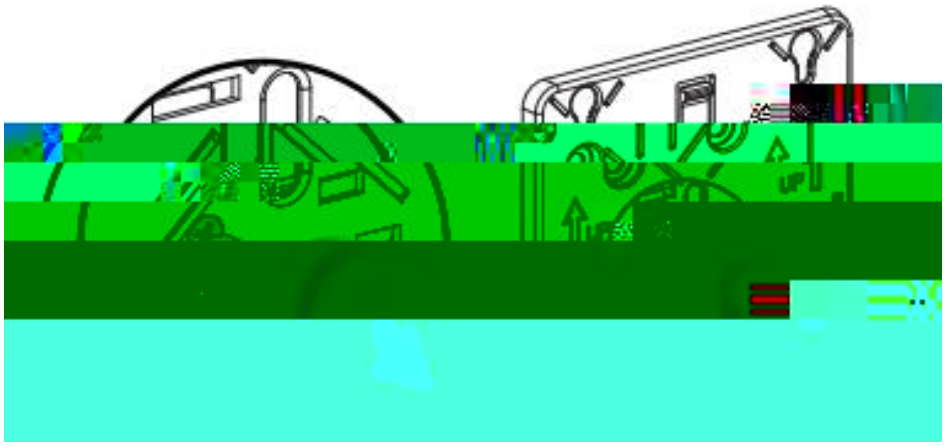


3.5 GT7±

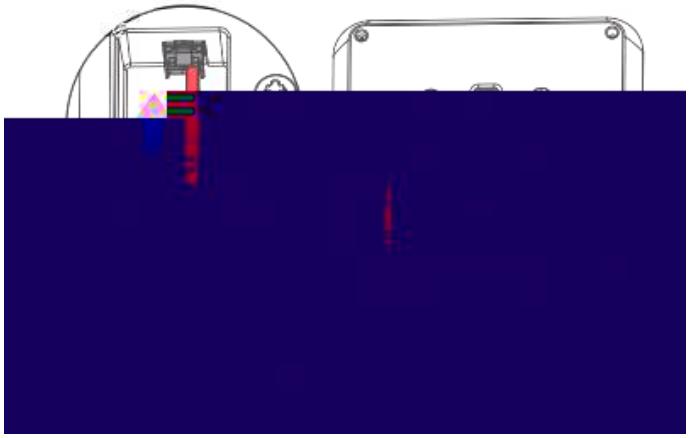
3.5.1 GT6

(1) 5 ÅÕ%gož

¢ **3-10 nÕ**



(2) 1 ÑÕ ûÕk 5 ÅÕgôž



3.6 [illegible]

[illegible] LAN/PoENMk [illegible] ² u4EÎ¿U@•

z GØGož

3.8.3 ŕ

z GNŕwĮož

z ŕG• ‰² UŸoWož

4 [illegible]

4.1 [illegible]

- DC[illegible] PoE[illegible] [illegible] ož
- [illegible]
- DC[illegible] PoE[illegible] [illegible] gNkG[illegible] ož
- *E[illegible]Nñ [illegible] Ñ ,ož
- PC [illegible] M[illegible] PCy PoEAE[illegible] ož

4.2 [illegible]

5 [illegible]

5.1 [illegible]

5.1.1 Ce

[illegible]

5.1.2 CLI [illegible]

[illegible]

z [illegible]

z ©Ï [illegible] ož

À

À

5.2 [illegible]

z ¢ [illegible] W• FAT%[illegible]+N£ [illegible] gi[illegible]

z ¢ [illegible] W• FIT%[illegible]* Ñ [illegible]

5.3 [illegible]

[illegible] ož

7

7.1

z 1000BASE-T/100BASE-TX/10BASE-T

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

k MDI/MDIX

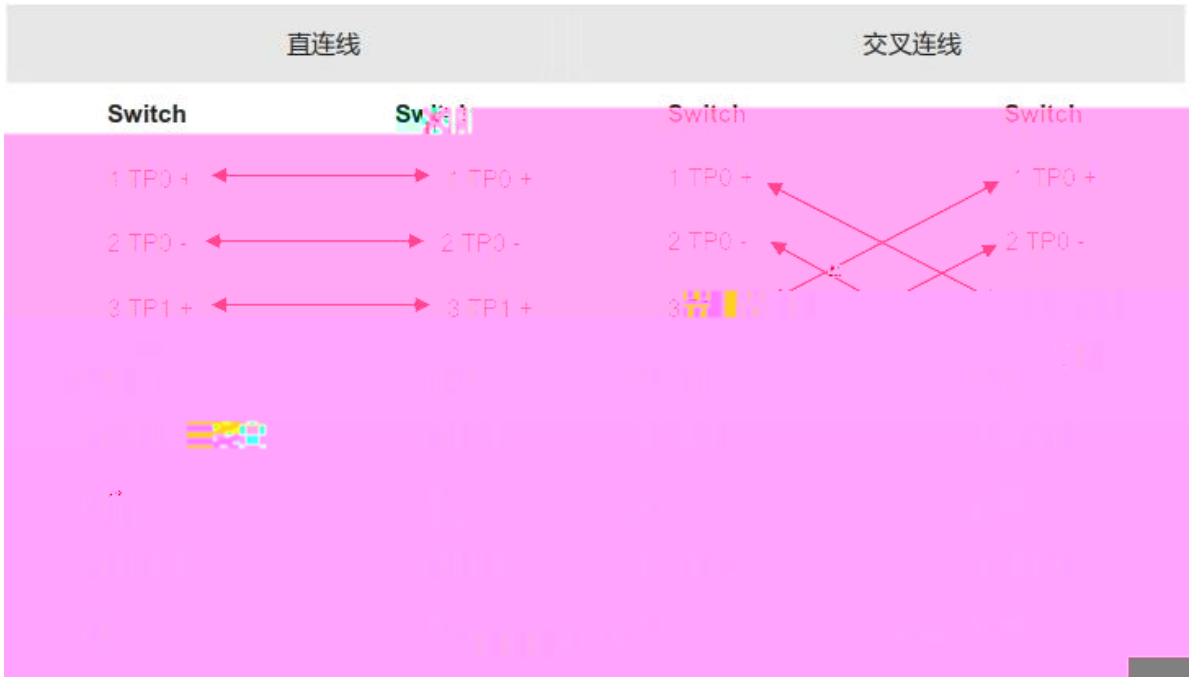
Crossover

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

STP 100

1000BASE-T 4 4 1000BASE-T

7-1 1000BASE-T



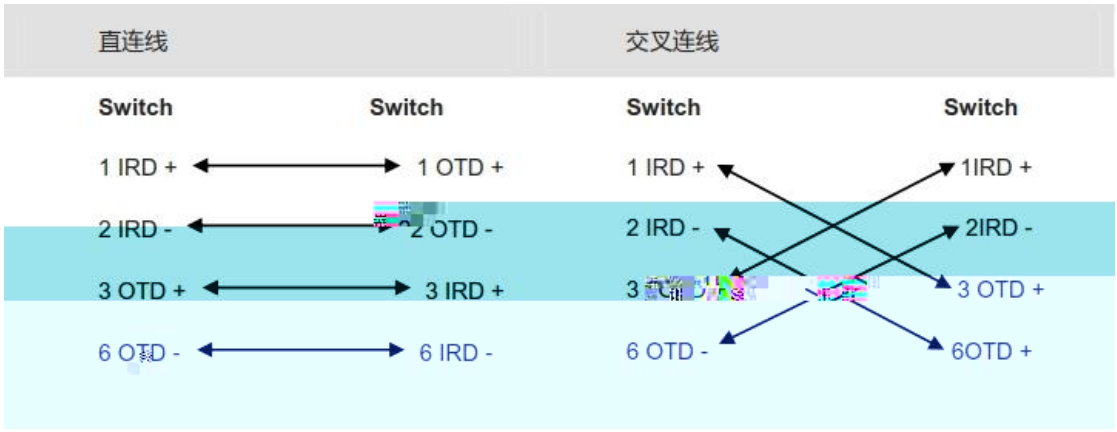
100BASE-TX/10BASE-T 10Mbps 100-ohm 3k 4k 5

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

7-

Ⓥ 100BASE-TX/10BASE-TUg+EÎ¿ABEÎ¿Ùöž

¢ **7-3 100BASE-TX/10BASE-T DÎ¿Ùq**



7.2 [illegible]

[illegible]

= **7-1 SFP** [illegible]

GG (nm)	[illegible]	DDM	[illegible] (dBm)		[illegible] (dBm)	
			min	max	min	max
1310Tx/1550Rx	**%**	**u4**	-9	-3	-	-18

= **7-2** SFP [illegible]

[illegible]	[illegible]	[illegible] (um)	[illegible]
LC	%	9/125	0.3km

À 40 40

À

À

7.3 GéŽ

[illegible]

z [illegible]

[illegible]

[illegible]

[illegible]

z [illegible]

7.4 DC Ô /L Pýt

z 9y 48Vkìvy 0.6A

= **7-3 DC Ô /Ráá**

Ã	**Ø**	**7Í..**	**Ãì**
2.1mm	5.5mm	10mm	**ÄÙ**