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RG-S2600 "

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ﻲ “ ”Ӯ Ꮋ ⎤ Э ⊿ ӷ Â
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Â
A“ ⱬ Ո Ӯ ”Â
B**“Mini-GBIC ⱨ ”**

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ЛЮ " ɷ è ᴳ ˆ ˈ

Í Í ˊ/ ɣ Â ą̈ è ᵗ ǖ У Ҿ ╠ Ռ ˊ/ Â

ˇ Í Í Ȯ ŏ 1 5 ǰ Ь ! ѣ : ş [4

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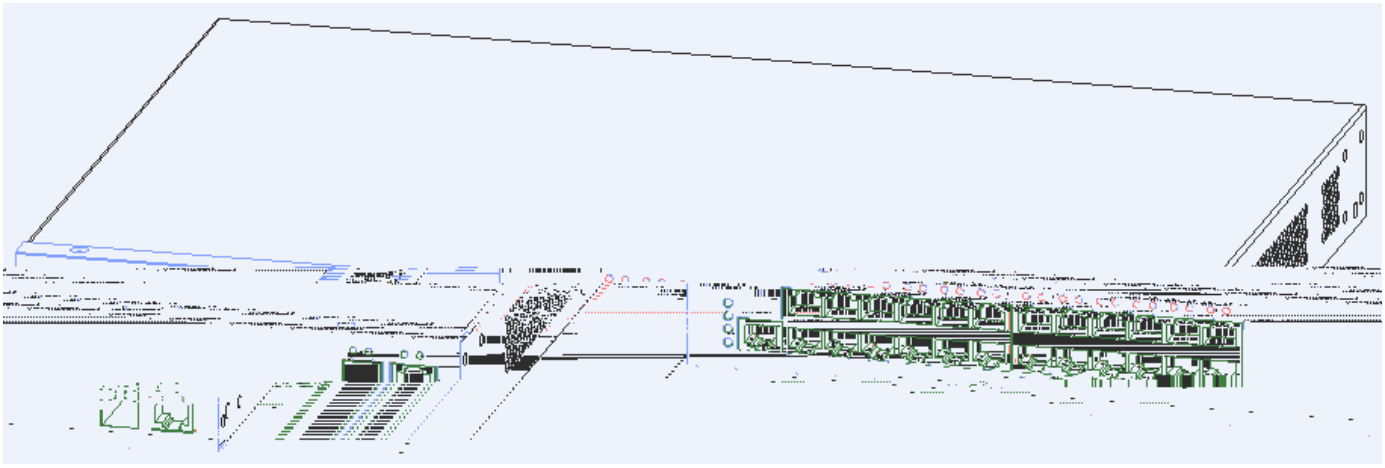
	ɔ ' 0ºC ↑ 45ºC ẏ : -40ºC ↑ 70ºC
	ɔ ' 10% ↑ 90% RH ẏ ' 5% ↑ 90% RH
EMC	GB9254-1998 ⅄ FCC Class A
	GB4943-2001
ˆ ¦ ¦ ˜	440 ¦ 300 ¦ 44㎜
	ﻫ 3.9Kg˘ a ﻫ 3.5Kg

1.3 RG-S2600 " ⅄ Ɥ Ȳ

1.3.1 RG-S2628G Ɱ Ɥ

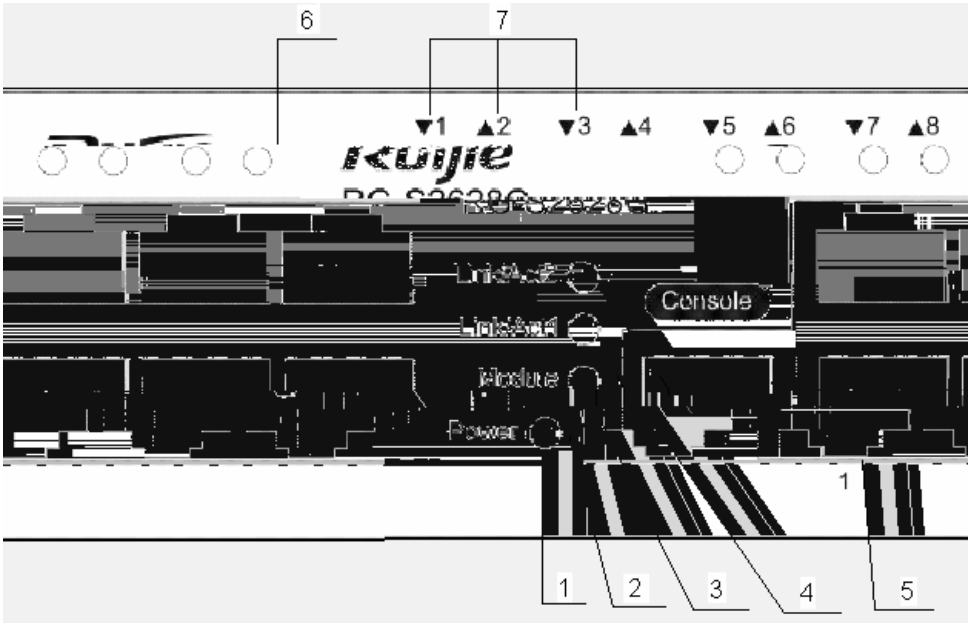
1.3.1.1 ɥ ɒ

RG-S2628GƱ Ɥ ɱ́ ᵏ 24 ɘ 10/100Base-TƱ ⅄ ȁ 2 ɘ¯ ˝l SFP ˝l ⅄ ȁ 1 ɘ Console ⅄˘ ⅄ ᵏ Ɥ ώ ⅄ Ɱ ⅃ У ɘ Â ɛ̀ Ю في '



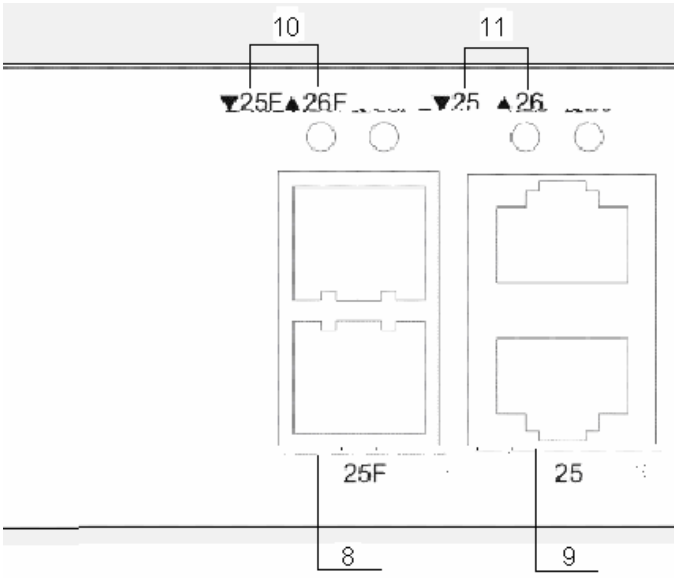
في1-1 RG-S2628G ɥ ɒ في

1.3.1.2 ฑ ӯ



1-2 RG-S2628 ฑ في

1 Ӈ Э
2 جه هج Æ
3 ٨ 1
4 ٨ 2
5 10/100Base-T Ɲ ٨
6 Console ٨
7 10/100Base-T Ɲ ٨

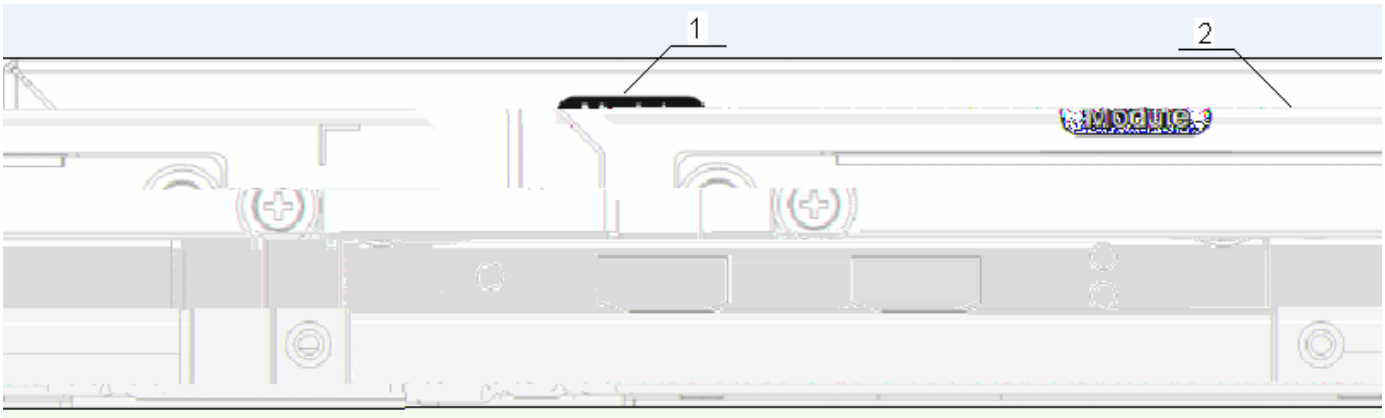


1-3 RG-S2628 ฑ في

8 1000Base-X ٨
9 10/100/1000Base-T Ɲ ٨
10 1000Base-X ٨

11¨ 10/100/1000Base-T Л∪ ∧

1.3.1.3 Л Ў



في 1-4 RG-S2628 Л في-1

1¨ ∧
2¨

في 1-5 RG-S2628 Л في-2

3¨ Ь Ц ∧
4¨ سم

1.3.1.4

RG-S2628G Ц Ц ώ Â
Ц ^ AC~ ώ'
Ч تن' 100-240V AC
Ч تن' 90-264V AC
' 50/60Hz
' 0.6A

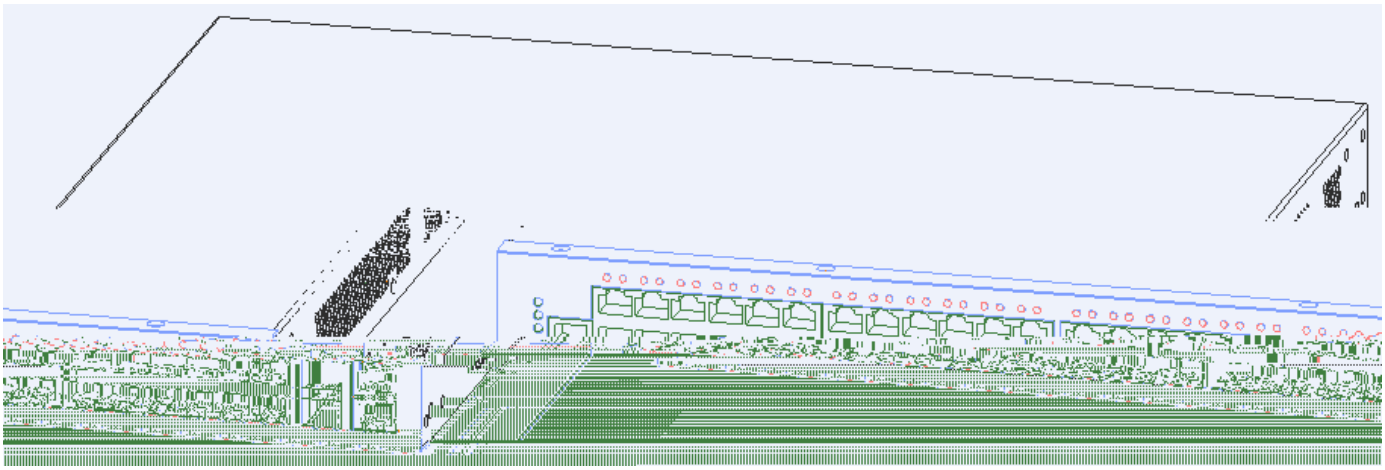
1.3.1.5

RG-S2628G ˘ ѝ ɖ ˘ جه جه □ تن ˘ ȯ صلى
˘ ĭ ‡ ˧ ؛ Â

1.3.2 RG-S2652G

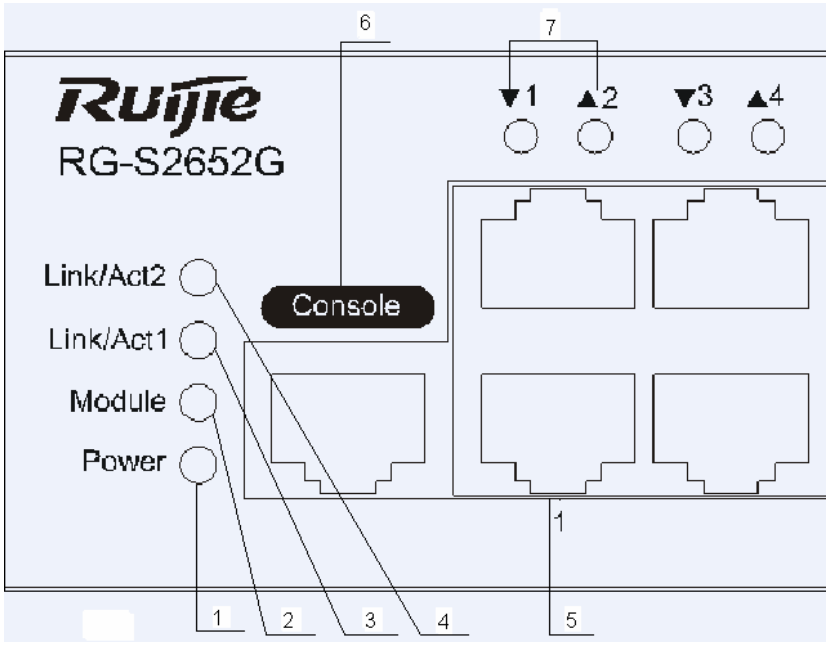
1.3.2.1 Ə ɒ

RG-S2652G Ɲ æ 48 ə 10/100Base-T Ɲ ʌ ȁ 2 ə ̄ ˝I SFP ˝I ʌ ȁ 1 ə
Console ʌ ˘ ɹ ᵏ æ ώ ʌ Ɲ ˧ У ə Â ɛ Ю في



في 1-6 RG-S2652G Ə ɒ في

1.3.2.2 ɱ ȳ



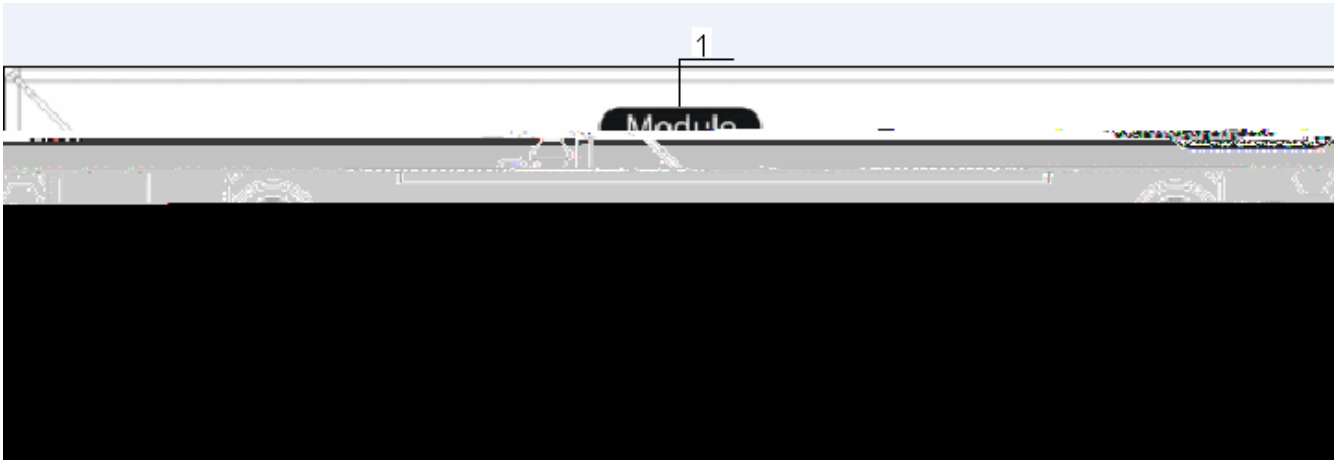
في 1-7 RG-S2652G Ə ɒ في

1¨ æ

2˙ جه هج Æ
3˙ ٨ 1
4˙ ٨ 2
5˙ 10/100Base-T Ɲ ٨
6˙ Console ٨
7˙ 10/100Base-T Ɲ ٨

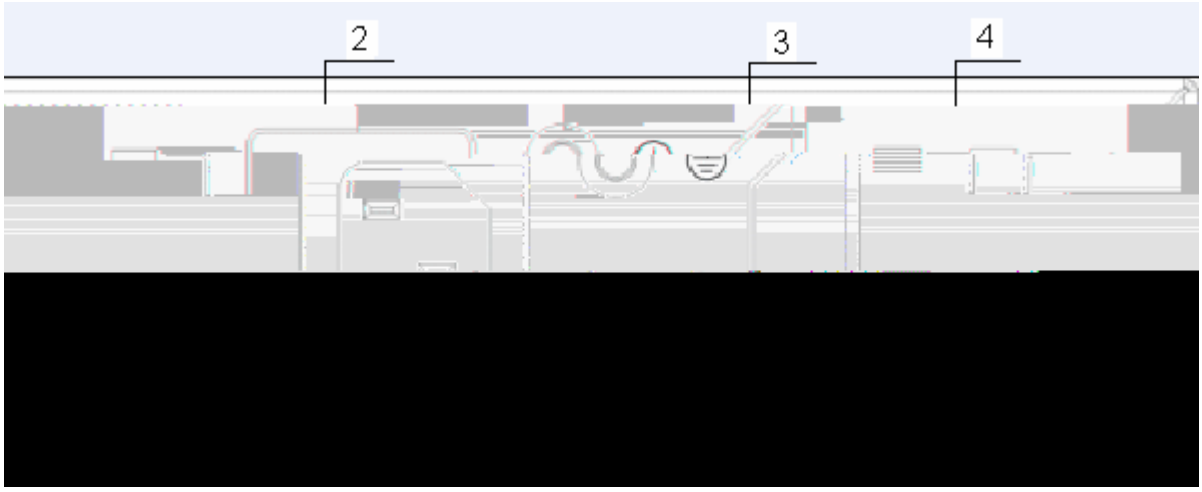
في 1-8 RG-S2652G ɥ ɒ في

8˙ 1000Base-X ٨
9˙ 10/100/1000Base-T Ɲ ٨
10˙ 1000Base-X ٨
11˙ 10/100/1000Base-T Ɲ ٨
ʎ ȳ



في 1-9 RG-S2652 ʎ في-1

1˙ ٨



في 1-10 RG-S2652 Л في-2

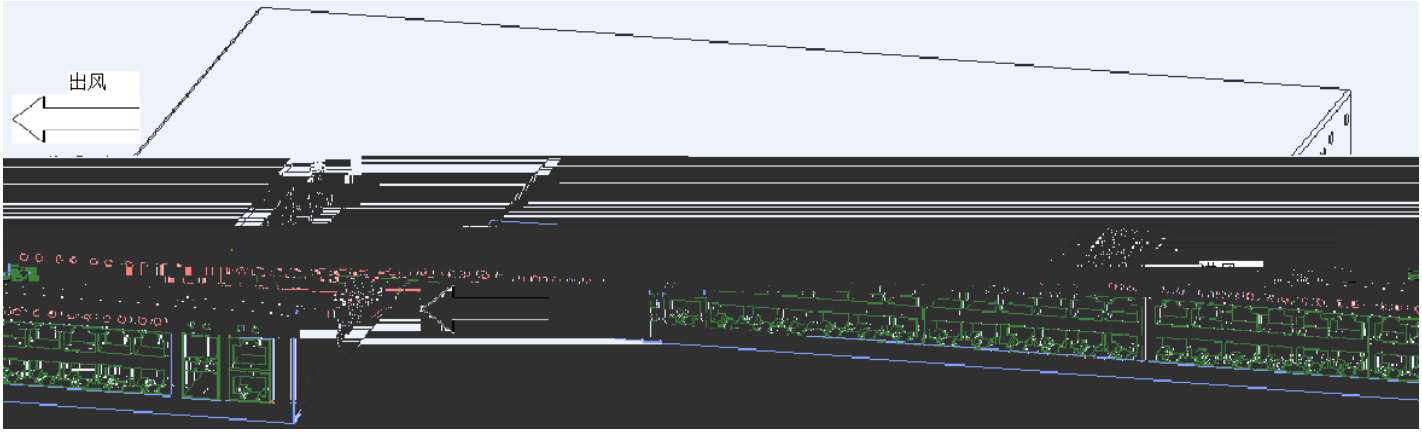
2˙
3˙ Ь Ӈ ٨
4˙ سم

1.3.2.3

RG-S2652G Ӈ Ӈ ώ Â
Ӈ ˆ AC˜ ώ'
ϒ تن' 100-240V AC
ϒ تن' 90-264V AC
' 50/60Hz
' 1.5A

1.3.2.4

˘ 8 ˘ Лυ ɖ جه Ю ɔ Â جه جه □ تن Лυ ϝ ¥
Â ὲ Ю في 2-5'



في 1-11

1.4 RG-S2600 " Ӈ

1-3 S2628G Ӈ

			ǖ ǂ
	status		Ӈ Э
		ă	Ӈ Э
ج ه Æ	Module		ج ˘ ج ώ
		ă	ج ώ
ج ٨ ˆ ٨ 1˜	Link/ACT1		٨ link
		ă	٨ LinkUp
			٨ ˧
ج ٨ ˆ ٨ 2˜	Link/ACT2		٨ link
		ă	٨ LinkUp
			٨ ˧
10/100Mbps RJ-45 ٨	1~24		٨ link
		ă	٨ 100M link up
			٨ 100M ˧
		ă	٨ 10M link up
			٨ 10M ˧
1000Mbps SFP ٨			٨ link
	1 - ő ˏ ٨ link	u∃œ ăĂ	٨ link up ٨ فخ ế

		ă	ㄴ link up
			ㄴ ㄱ
1000Mbps RJ-45 ㄴ	49C à 50C		ㄴ link
		ă	ㄴ link up
			ㄴ ㄱ

1.5

		ă	٨ link up
			٨ ٧

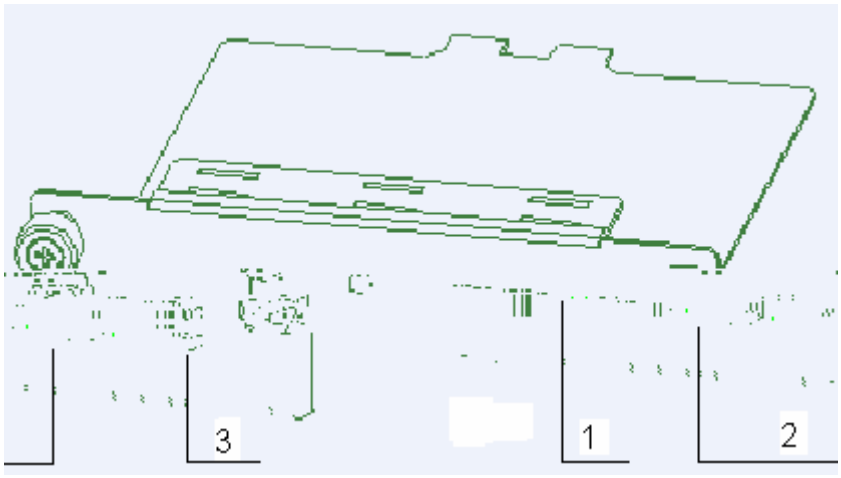
1.5.1.3 هج

1-6 M2000-02SFP/GT ң ҕ

1.5.2 M2600-STACK هج

1.5.2.1 هج Ӯ

في 1-10 ѝ M2600-STACK هج ˘ ұ S2600 " Ӈ تجى ٨ Â تجى ٨ ٨ 2.5G Â



في 1-13 M2600-STACK هج في

1˙ تجى ٨ هج Э
2˙ تجى ٨ ٨
3˙ تجى ٨ ٨

1.5.2.2 هج

1-7 M2600-STACK

			ӱ ҍ
Э	Power		Ӈ Э

⺈ ⺈ ⺈	Up/Down		⺈ ⺈ ⺈ link
		ă	⺈ ⺈ ⺈ link up
			⺈ ⺈ ⺈ ⺈

1.5.2.3 ⺈

1-8 M2600-STACK ⺈ ⺈

⺈ ⺈ ⺈ ⺈	M2600-STACK
	a
	ɔ ' 0ºC ⺈ 45ºC ẏ : -40ºC ⺈ 70ºC
	ɔ ' 10% ⺈ 90% RH ẏ ' 5% ⺈ 90% RH
	' ' 0.2kg
	100*110 mm

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γ ɱ̀ ŋ̃

2.1 ω̌

ѝ ɷ ȯ ӝ Ɲ | ˘ ɔ̣ RG-S2600 " ɦ ɒ ǯ ɱ̀ ɾ ☼ ω̌ Â

注意:

ЛЮ ω̌ a ˧ ˨ ˜ ɑ̣ Â

2.1.1 ω̌

ɖ ˘ Â

a ɔ̣ Ш ɷ ɑ̣̈ Â

Ɲ ˘ a ˘ ɛ̀ ы ˨ в п Â

. ɱ̀˘ Ɛ̃ ˘ Ɲ Â

2.1.2 ω̌

ȯ ╟ Â

╟ ˘ ˘ ȯ | Ɲ ˘ | Â

╟ ɱ̀˘ Ɛ̃ ˘ . Â

2.1.3 ω̌

ɔ ˘ ɯ ɔ̣ Ɲ Â Ɛ̃ ɔ ӝ˘ ɛ́ ɔ н Â

ɾ ɔ̣ ɔ Ш ɷ ɑ̣̈ ї̈ ɔ̣ ɔ̣ ˜ ˘ ɯ˘ ɯ a ˨ ˘ ɯ ї̈ Â

ɔ̣ ɱ̀˘ ɔ̣ ɑ̣̈ Ɛ̃ Æ ˘ ˨ ˘ ˝ı ˡ Ɛ̃ Â

a У э ӝ Â

Ɛ̃ ˘ У ɾ Â

a ɔ̣ ɯ ˘ ≠ a ɛ ω̇ ɛ ɑ̣̈ Â

警告:

1. a ȁ a ɔ ˨ Y ˘ ӝ ɛ Ɲ
   ш ȁ Ƕ | Â

2. Ε ϟ ȁ ˘ ⅃ Ƕ˜

2.1.4 ⱶ

ѝ ⱶ˘ ṁ˚ ˈ

(1) ⅃ ⱷ ⱷ Â

(2) ᾷ Â

(3) ɖ ˚ Â

2.1.5 ˝ǀ ὤ

ɣ RG-S2600 ˝ Ɥ ⅄ ⱶ è ˛ ˝ǀ ⱶ˘ ѝ ˝ǀ ɦ ɒ˘ ⱬ ⱶ ᴳ è Ю ύ ˈ

˝ǀ ⅃ ⅄ ɔ ˘ ɖ ⅄ Э ˝ǀ ʙ˘ Ʌ ȯ ὠ Ɲ | ж Â

a ˝ǀ ⅄ Â

警告:

ⱶ ! ᾳ Ю a ⅃ Ʌ ˝ǀ ⅄˘ Ʌ ȯ ⱶ ⱶ

2.2 ⱷ ⱶ

RG-S2600 ˝ Ɥ ⱶ ᾷ ᴳ ˘ ѝ ɖ ɔ Ɲ ᴳ Ƕ˘ ⱶ Ю ˝ Â

2.2.1

RG-S2600 ˝ Ɥ ɖ ⅄ ˘ Ʌ ɖ Â ⱶ Э ⅄ ⅄˘ ǐ ⱶ Э˘ ȯ ʙ ⅄ ˊ ˊ

2.2.2 Ɲ

ѝ ɖ ɔ Ɲ ᴳ Ƕ˘ ᾷ У Ɲ ˊ ˊ

ɧ

ɣ ˘ a ˘ ˈ ≠ ⅃ ⅃ У ˛ ˊ ˊ

ɣ æ ˘ ˛ ˘ ⅃ ɦ ˘ ˜ Э ˊ ˊ

ɣ ˘ ‡˜ ˘ ˛ ᴳ ⅃ æ˘ ˛ ؛ Ƕ˘ ╗ У Â

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2.4

Ӈ ÿ ώ˘ ˆ Ӈ ˆ Ӈ ˆ Ӈ
˧ Â ˧ Ռ ش جم à ɔ ˧ Э Â ᴳ ˘ Ӈ ˝ ώ ˘
˧ ˝Ạ ώ Ӈ Â

注意:

1. a ᵏ˘ ˧ Â
2. ᴳ ˘ ˆ ˝Ω ☼ Â

2.5 EMI

˧ ˘ ˘ ą̈ ˘ Ռ ˧˘ ˧˘ ·
ӊ ؛ Â

ˆ ѝ ч ' Ռ· ˘ · صر Â

У э Ӿ˘ ˧ ˘ ˘ ˆ Ӿ ˘ ѝ Â ˧Ռ ˧
è У ˆ ˘ ≠ ˧Ռ ώ ´ ĩ Â· ӊ يج ѝ б Ӿ ǯ ą ˧ ˘
ÿ У э´ ĩ· ˆ ˧ У э´ ĩ Â· ˛ ؛ ˘ ˧Ռ Ӿ ᴮ Â ؛
è ˙ ị ą ˧ ˘ ὲ Â

(1) ᵏ ˧ Â

(2) Ӈ ɔ سم a б ꞓ سم Ռ سم ˧ ˘ ˧ У ҽ Â

(3) ˧ ˧˘ ˧ ˧˘ Â

(4) Â

2.6 ˝I Y

ˇI ɱˇ ˇI ⅄ ⅀ Ɲ ˇI ï б ˇI ʌ ⅀ , ⅃ ˇI ⅃
Ɲ ⅃ , ⅃ б , б ⅃ Â

2.7 έ

2-4 έ ɢ ´

έ	ˊ р ầ У р ầ ˜Ω Ɲ ˇI Э ầ ʌ ầ
ж έ	έ
ɢ	Ъ

注意:

RG-S2600 " Ӈ a έ ˆ˘ έ ñ

Ь ң р

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ĭ Ɲ Â

ĭ Ɖ Â

3.3 S2600 " Ɖ

3.3.1 Y

˘ ЛЮ ύ :

ɱ˘ ᵏ ĭ б ﻫﺠ ˥ Â

ɱ˘ ﻫﺠ Ɖ ɣ Â

ᴳ Э Â

ɖ ⅃ Â

Ɖ a Â

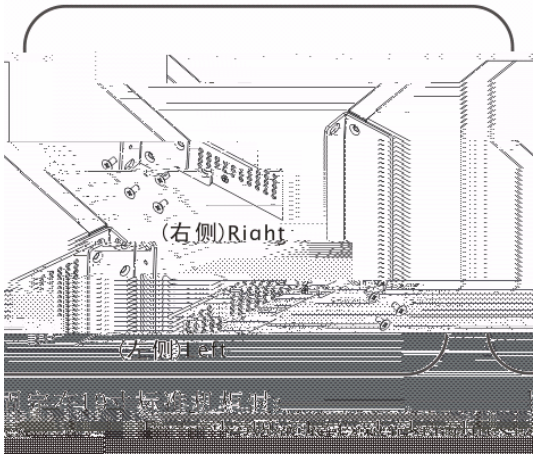
ﺟﻪ ﻧﺘ ˆ 10 ⅂ Л Э˜ Л ɖ ˘ ɷ ﻧﺠﻰ Â

Ɖ ɔ ﺳﻪ ˥ ˧ ⅃ ȁ ˧ ⅃ ȁ ’ ⅃ ˘ ⅃ ’

⅃ ﺟﻪ ᾳ ˘ ˘ Л ﻳﺞ ɥ ˥ ȁ ǝ ⅃ ⅃ ﻫﺠ Â

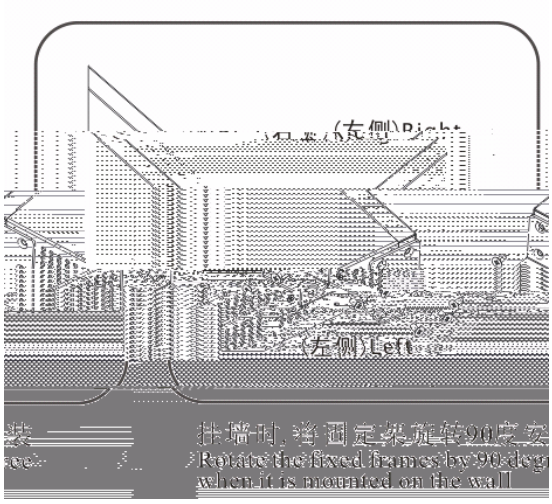
3.3.2 Ɖ ↑ 19 è

RG-S2600 " Ɖ EIA ñ ˘ ˧ Л ﺟﻪ 19 Â ﺟﻪ ˘ Ɖ ɱ ⅃ ɱ ﺟﻪ Э’ ѝ ὤ ˘ Э p ﻓﻲ ‘



3.3.3 Ɖ ﺟﻪ Э

RG-S2600 " Ɖ ˧ Â Юﻓﻲ ‘



3.3.4 Ӈ جه Э

ᵠ Ю ̆ a ɛ́ 19 ñ ˘ ˘ ж τ ˆ Ӈ جه ’ ɔ
ʌ Э ̆ ɔ ´ ˘ ɛ́ ɛ Ю ̇
У : ↑ ᵠ ᵏ 4 э شخ جه Ӈ ني مه ᵠ Â
γ : Ӈ جه Э ̆ Л ɖ Ӈ □ تن سم ╟ Â ˧ جه Ӈ Э ˘

3.4 ʌ

注意:

ї ǯ ɱ ̆ У ̃Ω ˘ Л ȯ ж ɛ | Ɲ مح
ɥ ɒ ˚ ˛

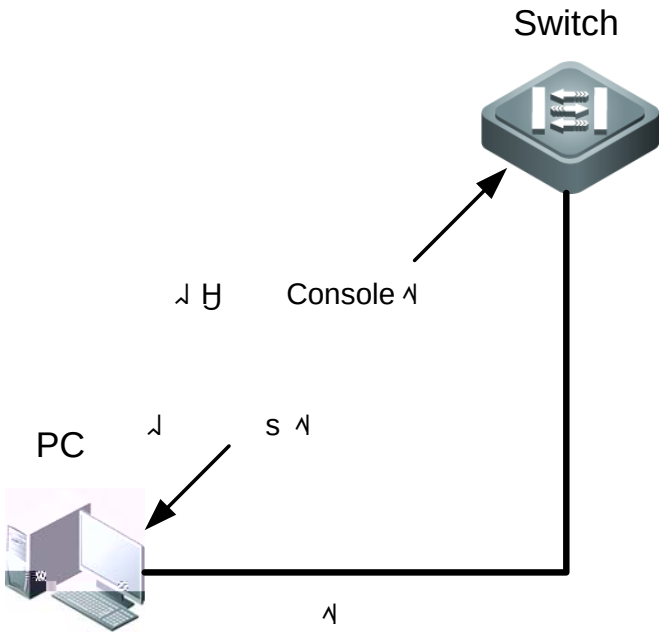
سم ї ’
ȁ ώ ̃Ω ї ’
ʌ ї جه ᵠ ˘ ’ ᵠ ˘
ї ɑ Ӈ ȁ ʌ ɹ Â
□ تن ˆ 10 ˥ Л Э ̃ Â

ني

4.1

4.1.1

PC б Ӈ Console ٨ . في 4-1 :



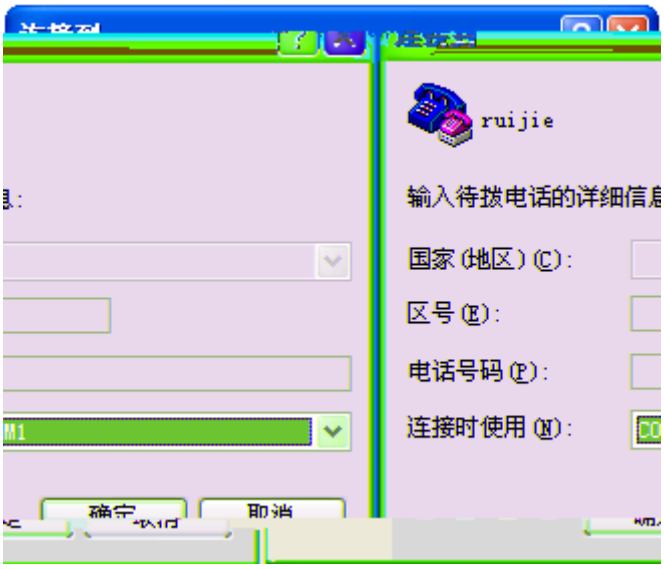
في 4-1 في

4.1.2

У ' DB-9 ˆ Ӈ PC s ٨ Э Â
γ ' RJ-45 У ˆ Ӈ ٨ˆ Console˜ Э Â

4.1.3 ٨

У ' PC˜ جه PC Э ¸ ˆ Windows3.1 Terminal˜ Windows 95/98/NT/2000/XP ˜ Â
γ ' ٨ Â ٨ ' ѝ 9600˜ Æ ѝ 8˜ ṛ ѝ ˘ ṃ Æ ѝ 1˜ ⁸ ѝ Â έ ε Ю'
(1) ľ Ł - ľ Ł - ľ ˇ Ł - ľ Ł - ľ Ł˘ ώ ٨˘ في4-2 Â

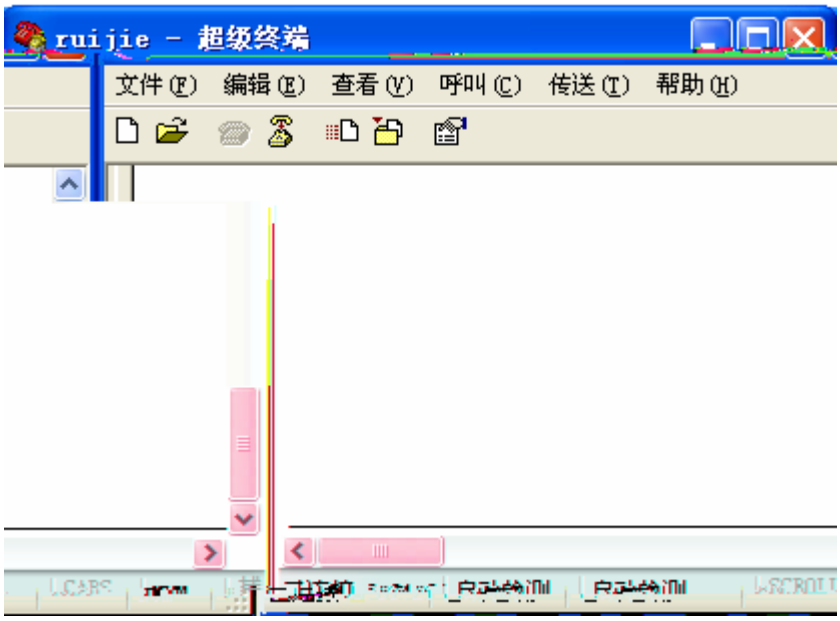


4-4 في

(4). s ˆ ˆ ˇ ˇ < > ˇ 4-5في s ˆ ˆ ˇ ˀ
9600ˇ Æ ˀ 8ˇ ṛ ˀ ˇ ṃ Æ ˀ 1ˇ ˆ ˀ Â

4-5 في

(5). s ˆ ˆ ˇ ˇ < > ˇ ώ 4-6في Â



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4.2 Э ǚ ╟

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4.2.2 Э ʌ ˆ ˜

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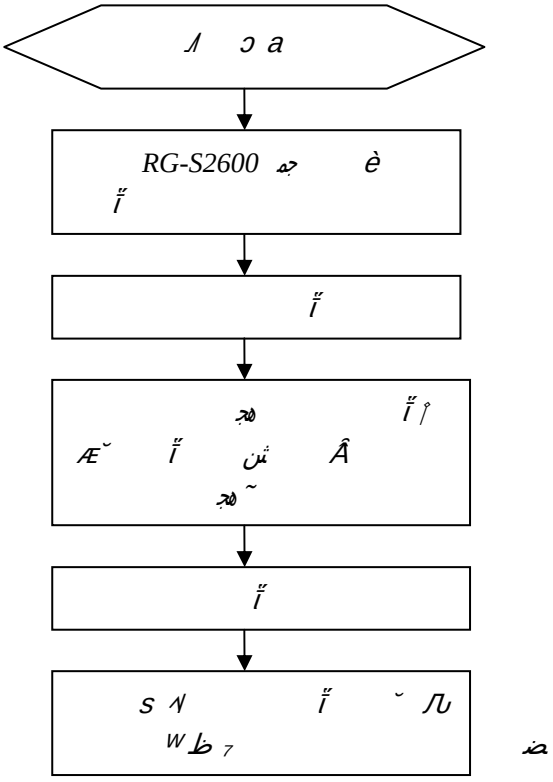

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A —— ᴊ ᑎ ᴳ

ᴹ ȁ 1000BASE-T/100BASE-TX/10BASE-T ᴬ

1000BASE-T/100BASE-TX/10BASE-T ᴇ ᴬ˘ ᴊᴇ ᴇ ᴇ ╟MDI/MDIX Crossover ╖ Â1000BASE-T ᴧ IEEE 802.3ab ñ˘ 100-ohm 5 5 ᴬ UTP ᴬ STP˘ ᴳ ᴬ STP˘ ᴣ 100 Â1000BASE-T ᴬ 4 ˙ ˘ 4 Э Â 1000BASE-T ᴬ ˆ ᴬ فيA-1 ˈ

فيA-1 1000BASE-T ني ᴬ في

	ᴇ ᴬ
Switch Switch	Switch Switch
1TP0+ ↔ 1TP0+	1TP0+ ↔ 1TP0+
2TP0- ↔ 2TP0-	2TP0- ↔ 2TP0-
3TP1+ ↔ 3TP1+	3TP1+ ↔ 3TP1+
6TP1- ↔ 6TP1-	6TP1- ↔ 6TP1-
4TP2+ ↔ 4TP2+	4TP2+ ↔ 4TP2+
5TP2- ↔ 5TP2-	5TP2- ↔ 5TP2-
7TP3+ ↔ 7TP3+	7TP3+ ↔ 7TP3+
8TP3- ↔ 8TP3-	8TP3- ↔ 8TP3-

100BASE-TX/10BASE-T ɑ ᴬ ᴧᴗ Э ᴛ˘ ᴠ 10Mbps ᴬ ᴧᴗ 100-ohm 3,4,5

في A˙ 4 ˝ا في

Switch	Switch
TX	TX
RX	RX

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B ——Mini-GBIC ﻫﺠ

Ώ ﻻ Ӈ ﻫﺠ ﻻ ﺼ ᵏ ɷ ᴳ ˆ ˜ا SFP ﻫﺠ ˆ Mini-GBIC ﻫﺠ˜ ՈЪ ˜ا XENPAK ﻫﺠ˘ ˧Ռ ᴳ ﻻ SFP XENPAK ﻫﺠ˘ è ᵏ ɷ ǂ ˆ ˜ا SFP ՈЪ ˜ا XENPAK ﺼ ﻻ Ռ ﻻ Ռ ᵏ ﻻ Â

У ȁ Mini-GBIC ˆ SFP˜ ﻫﺠ ﺼ Ռ

B-1 SFP ﻫﺠ ﺼ Ռ

Mini-GBIC˜ SFP˜	ˆ nm˜	ӯ ﺼ	ᾷ ˆ ˜	ˆ MHz/km˜		˧ ˜ا ˆ dbm˜ MAX	ˆ dbm˜ MAX	ﻻ ñ
Mini-GBIC-SX	850	˜ا	62.5 62.5 50.0 50.0	160 200 400 500	220 275 500 550	-4	-17	IEEE802.3
Mini-GBIC-LX	1300	˜ا ´ ˜ا	62.5 50.0 50.0 9/10	500 400 500 -	550 550 550 10 Ώ	-3	-20	
Mini-GBIC-ZX50	1550	´ ˜ا	N/A	N/A	50 Ώ	0	-22	
Mini-GBIC-ZX80					80 Ώ	4.7	-22	
Mini-GBIC-GT	N/A	CAT 5 UTP	N/A	N/A	100	N/A	N/A	

注意:

ɣ Mini-GBIC-ZX50 Mini-GBIC-ZX80˜ ᴳ ´ ˜ا ˘ ﺠﻪ è

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