RG-AP730(TR) 기 ᄲᆞᆫ 비 ᄋᆞᆫ

ᄐᆞᆫ ᄀᆞᆯ ᄂᆞᆫ ᄋᆞᆫ

ᄒᆞᆫ ᄀᆞᆯ ᄂᆞᆫ ᄋᆞᆫ V1.5

ᄀᆞᆫ ᄀᆞᆯ ᄀᆞᆫ 2022-11-16

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○ ύ ̈Ω

copyright © 2022 ح à ⊿ Λ

Ȝ ɒ Ḿ ă ⁶ ȝ ϕ ″ ⁀ ˛

ˈ ệ˙ ح à ⊿ Λ ⁀ ₩ ̦ ₽ ˡ ι γ Ɱ ɒ ყ ⁼ Ⱥ Ⱪ j ệ Ɋ γ Ɱ Ⱥ Ã ă ė Ã Ḿ ă ⁶ ⁀ ᵸ˙ ă ϖ ᵸ ɲ ķ ؘ ϕ Φ ʰ˙ ̃Ⱥ ẹ ᵻ ¥ Ӣ ώ ҽ Ḥ ˇ ᵇ ă Ʊ Ꮒ ̨ 2 Ṅ Ʊ ᵸ˙ ă ϖ ᵸ ⁂ ƀ ў ᵻ ∪

⁼ Ʊ Ꮒ ح à ⊿ Λ ƀ ‰ ʐ ѭ ح à ⊿ Λ ƀ ‰

ă ⁶ ώ ȝ Ʊ Ꮒ ̈Ⱥ ω ƀ ‰ ă ├ q ƀ ‰ ι ᵻ ᴿ₅ ⁀ ̈Ⱥ ω Ⱪ ̈Ȯ ω

ᴜ ̈Ω

ύ ̈Ⱥ ى Ⱪ ⁀ ᵻ β ̀Ȯ ᴨ ă ≠ ό ϟ Ẓ ᴘ ƀ ў ᵀ ª ⁼ ¦ Ꮆ ⁀ ᵻ ι ă ⁶ ѧ ѡ ى ⁀ ᵸ˙ ă ϖ ᵸ ɲ ķ ƀ ̀Ȯ ᴨ ă ≠ ό ᵻ Ť j ɒ ύ ⁀ ى Ⱪ ă Æ ɬ ₥ ɒ ɵ ɲ ؋ ˚ ᵀ ª ᴰ õ ᵻ ḧ ι ح à ⊿ Λ Ḿ ă ⁶ ɲ ķ j Ў γ Ɱ ″ ˜ ă ѫ ˜ ⁀ ϕ ″ ă Ȝ -

ᵸ ᵻ β v ″ ᵻ ă Ʊ Ꮒ ⊐ ɬ ι ă ⁶ ɲ ķ h j ḧ Ω ؋ Φ ˜ Ⱥ ح à ⊿ Λ Ȝ ɒ ɒ ≡ õ γ Ɱ ؍ ˜ ă ȃ ώ ˜ ⁀ ϑ ˙ ï Ḿ ă ⁶ ɲ ķ ؋ Φ Ӣ ώ ⁀ ˛

ė q ĸ Ă ѫ Æ ɬ ″ Ỿ Ṁ ح à ⊿ Λ ɒ ⊿ ˅ ė q ˙ Ḥ Ţ ő ⊤ Ȝ - Ʊ ɲ ķ ´ . ˡ ˎ ι Ꮋ Ẋ j . Ȝ ė q ɲ ķ Ḥ ϖ ≡ õ ح ى ă ؍ ◖ ι ė q ⱥ ⁀ ̈Ⱥ ω ȝ Ụ ̂ Ȯ j ⁼ ă γ Ɱ ″ ˜ ă Ў ˜ ⁀ ″ ι Ȝ

Ƶ

ԻԼ ȝ

ė q ڱ ϒ ï ̊ Ķ ̂ ʎ ح

ԼΛ Ṫ ϒ ṵ

Ḥ ḫ Ạ Ķ ̂

ԼΛ ϒ ת ̂

ŭ ạ̇

ج à ԼΛ ḥ Ǻ Ԥ 1 χ http://www.ruijie.com.cn

ج à ԼΛ ḥ Ǻ Ԥ 1 ̀Ο п ЛЪ ̃Ḥ ̀Υ ν ę χ http://www.ruijie.com.cn/fw/

ج à ԼΛ 7*24h ŭ ΐ ị ̀Ο ɜ̣ ɔ χ http://ocs.ruijie.com.cn

ج à ԼΛ 7*24h ̀Η ̀Ο п ♬ ϒ χ 4008-111-000

ج à ԼΛ φ ª ̀Ο п Ṫ υ q q ṇ ج̣ ̀Ο χ http://www.ruijie.com.cn/special/fw/tool/xryf/

ó ϒ ϒ ᵘ ȳ Ä R

2. ը Ώ

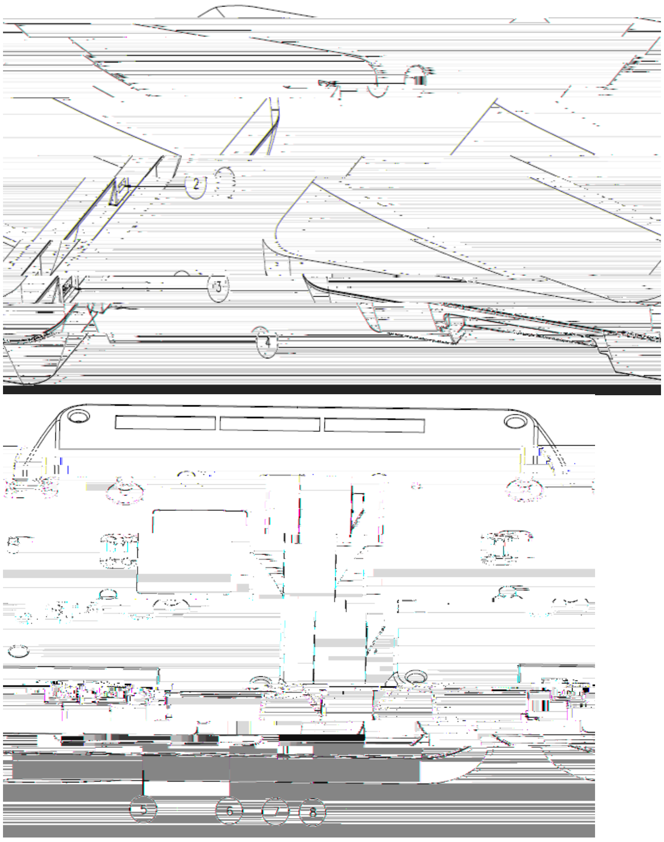
ἐ q ʌ ī ˜ ⸢ʊ⸣ ʒ Ụ ε ḅ ƒ ᵝ ʒ ᴺ ὼ ʲ ᴵ ᴱ ᴵ ʒ ʒ ʈ ᵊ ˟ ᴵ ζ ʁ ĕ ν ǟ ι ʊ ɥ ʒ Ụ ت Ɋ ḫ ڱ Æ ĩ ⸢ʊ⸣ ƒ ᵝ ν ʁ´

1 ᛋ

RG-AP730 ε TR ζ ῑ ج ὰ ⅃ ᛕ ᵇ ٰ Ὠ ῴ ẗ ꞁ ἱ ˝ Ὠ ‡ ƀ ў ᛋ ΐ ŋ ʆ ˇ ὸ ￼s ٺ ᴥ ḷ ̃Ḥ'Y 802.11ac Wave2￼ ῃ Ⅎ ì ῏ ᖾ ε AP ζ Ⴈ ᵝ ı پ ҭ s ṃ ḷ Ή ıᴥ ٺ 5G ώ ĕ ῳ 1.73Gbps￼ ì ῏ ᾷ ' ı 2.4G ώ ĕ ῳ 400Mbps ￼ ì ῏ ᾷ ' Ὠ ῳ ᵜ ꞁ ώ ĕ 2.13Gbps￼ ì ῏ ᾷ ' ı Λ ′ ϗ ‖ ᾷ ῃ Ⅎ Ա ớ ΐ ȷ W ᾰ Ѭ ƛ ḷ

RG-AP730 ε TR ζ ￼s ٺ ṃ ḷ ȷ ̃Ḥ'Y 2.4G+5G+5G￼ ԉ ₩ Ã ı ᑊ ̃Ḥ'Y ª Ή Ṫ Ă ῤ 802.11ac Wave2

ў ᴨ ᴹ ᴼ



ℊ 1-1 RG-AP730(TR) ᵁ ɥ ℊ

├ ᶤ χ

: ˝Y˜ ♂

· ᐡ ᒪ ᑐ Ů ᶄ

, USB ì Æ

ˌ Reset ˜Y ᶄ

. Console Æ

, LAN2 ᒧ Æ

, LAN1/PoE ᒧ Æ

- 48V ´ ╙ ᶄ

2 [illegible]

2.1 [illegible]

RG-AP730(TR)

2.2 [illegible]

[illegible] AP [illegible]

[illegible] 500m [illegible]

[illegible]

2.3 [illegible]

[illegible]

[illegible]

2.4 [illegible]

[illegible]

[illegible]

[illegible]

2.5

RG-AP730(TR)

2.5.1

-

-

2.5.2

RG-AP730(TR)

2.5.3

- RG-AP730(TR)

-10¹C-50¹C	5%-95%

2.5.4

	0.5	1	3	5
	1.4×10⁷	7×10⁵	2.4×10⁵	1.3×10⁵

SO_2	0.2	1.5
H_2S	0.006	0.03

RG-AP730(TR) ᴧ˚ ṇ ᴧ ì ᴝ ᴾ ţ Ḡ ᴸ ἐ q

3 ᴵ ᴳ

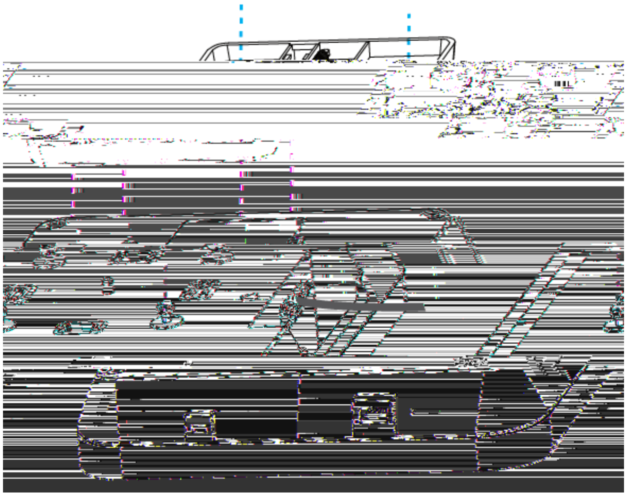
RG-AP730(TR) ᴧ˚ AP ʅ ∂ Ṫ Ǎ ʃ ʃ ı Ẋ ħ ɖ ḧ Æ ɤ

3.1 ᴳ ʃ˚

3.2 ᴳ ᴵ

RG-AP730(TR) Ḡ ʅ ᴳ Ḡ Ɛ ɥ ᴧ ᴧ ᴧ Ǎ Ẫ ĕ ɔ ɜ ʊ ᴧ ᴧ ڤ Φ ᴗ Ḷ ᴳ ᴷ ᴱ Ḡ ŋ̀ Ḡ Ɛ ᴾ ᴮ ɲ Ɋ ï ᴾ ᴾ χ

ᴢ



3) ⌐´ "Y " i ᠰ˘ r Ά ᵇ Ṅ ẙ ò Ꮭ ḏ Έ ŋ Έ ᆊ

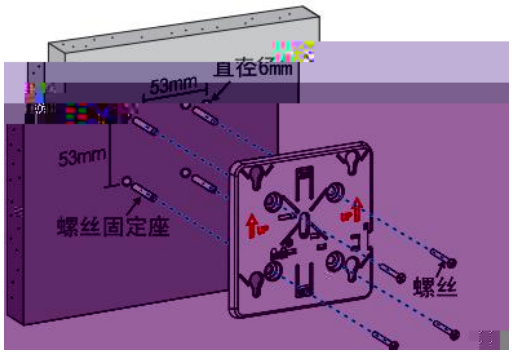
ḡ 3-3 ṄAP Έ Ꮭ "Y "

RG-AP730(TR)

ᴺ "Y Ḡ Ŀ

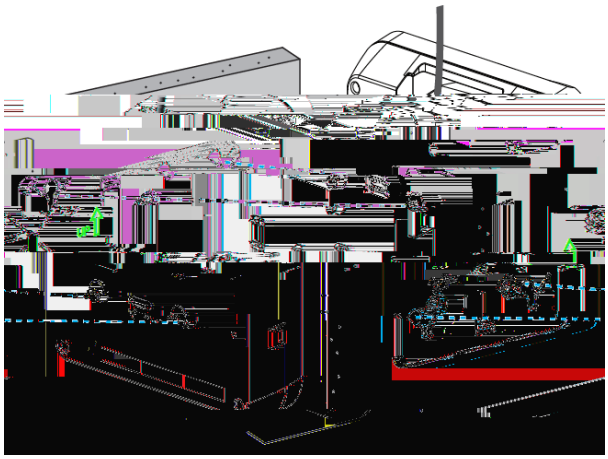
1) ꝑ ᵚ ᴺ i 4 ᴀ´ Ề 6mm Ḡ Ŀ ḏ ı Ḡ Ŀ ḏ ᴀ Ọ ˡ ˜ 53mm ı "Y " i ᠰ˘ Ά ᵇ Ώ i ı ꝑ Ḡ Ŀ ḏ ᴀ Ώ Ꮭ ᴡ ḏ ḧ ả ᵅ ı ṫ ᴡ Ṅ Ṅ "Y " Ꮭ Ẋ ḏ ḧ

ḡ 3-4 "Y " ᴺ "Y Ḡ Ŀ



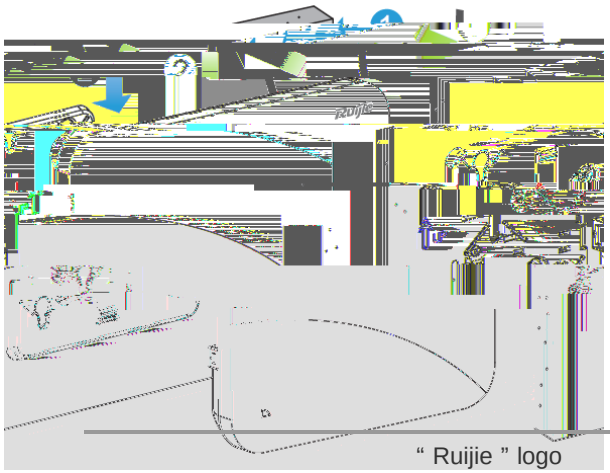
2) Ṅ ǯ ǔ ᵃ ᴏʙᴊ ̈Y ̇E Ḿ ́ ̈Y ̈ ᴏʙᴊ ̇E d̯

g, 3-5 Ṅ AP Ḿ ́ ̈Y ̈



3) ⌐ ́ ̈Y ɾ ì ᴏʙᴊ ᴀ̀ ̆ ɾ Ά ᵇ ı Ṅ ǯ ̈Y ̇E ʁ ì Ề ï ò ʒ ̇E d̯ ŋ ̇E ˩

g, 3-6 Ṅ AP ̇E ʒ ̈Y ̈

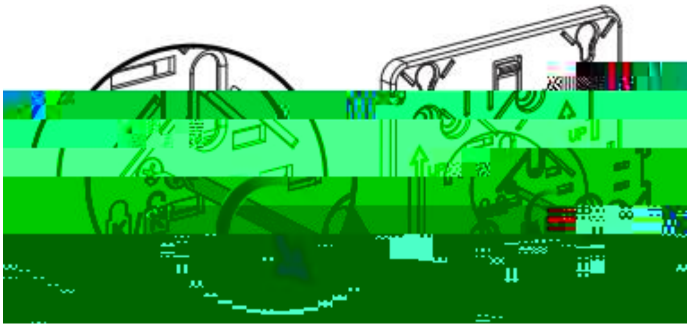


“ Ruijie ” logo

3.5 ᑫ ἰ ש ·

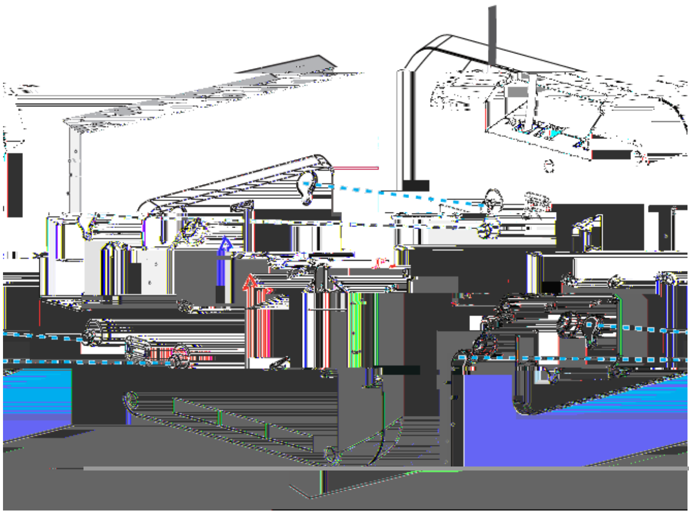
1) ˈ Ầ ̎Y ̎ i ￼ ᴡ ι ᵏ ƭ ڲ ˘ ʢ

ģ 3-7 ᵏ ƭ Ў ʢ



2) Ṅ ǯ ư ᵅ ￼ ̎Y Έ Ḿ ́ ̎Y ̎ ￼ Έ ḏ ι ⌐ ́ ̎Y ̎ i ￼ ᛀ ˘ ɼ Ά ᵇ Έ ⅃

ģ 3-8 ṄAP Έ უ ̎Y ̎

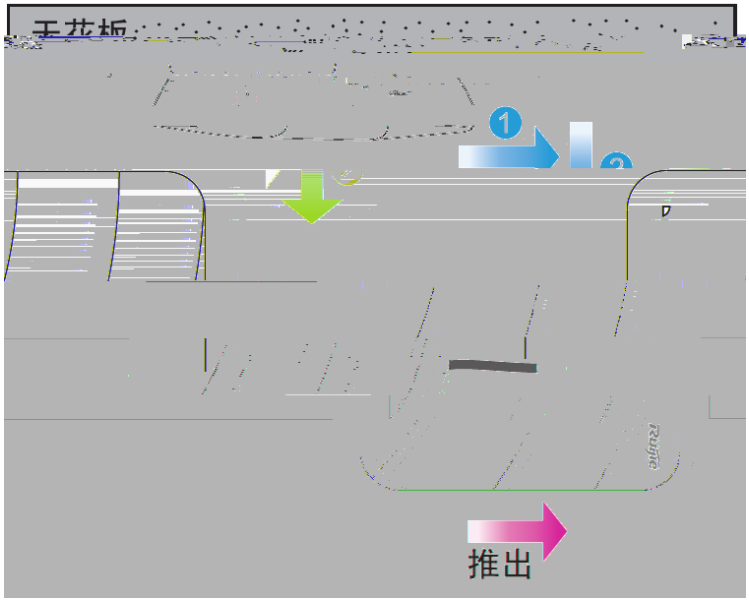


3.6 Ū

1) ḅ ῶ ᵏ ƭ ڲ ˘ Ў ʢ ι Ṅ Ў ʢ ἀ ҿ ˙ ᛋ ˭ ӈ ̎Y ̎ ڗ ⌐ ε ├ Ɏ Ў ʢ ἀ ҿ ruijie‰ ٧ ₌ ι Ώ ᵇ ғ ᵝ* ₌ ζ ι ⌐ ́ ̎Y ̎ ￼ ᵺ Ѧ Ά ᵇ ○ ᴜ ψ ́ ˛ ő ⁝ ᵽ AP￼ ᵺ Ѧ Ў ʢ ‰ ᒪ ʃ ἀ უ Ў ʢ ἀ ҿ ι ῃ ˙ * ˛ ￼ ʢ ́ ᵅ ἀ უ ἀ ҿ ψ ἀ უ Ў ʢ ἀ ҿ ᵅ ΐ ᵎ ˙ ɸ ι ħ ἀ ҿ ῃ │ ö ̧ ₌ ᒧ ʢ ᾰ ι

ģ 3-9 ἀ უ Ў ʢ ἀ ҿ ᒧ ʢ

2) Ḿ ̂ ̣ ᴺ ̈ Y Ẫ Ḡ ᴸ ı ᴗ ᴛ ἐ Ἐ ᴇ ᴝ ᴛ Ə ı Ṅ Ʊ ⌐ ́ ᴊ Æ ̈ Ά ᵇ ò ̣



3.7 ᴧ ᴀ ᴝ ᴜ

ᴝ ᴜ ᴝ ᴛ ᴄ ᴝ ˝

ᴛ ᴛ ᴝ ᴧ ᴝ ì ˙ AP⃞LAN1/PoE ì Æ i ı AP˜Ḥ'Y⃞ ᴝ ᴧ ᴝ ì ᴝ ẑ ˡ v ð گ ẹ A

Console	9600	8	1

3179 C

. ɲ ᵘ ɰ̌ ĕ ɔ ĩ ᵋ ʌ̀ ˥ ɥ ɔ` ɯ ɥ

ɸ ᵗ Ḡ Ŀ ᵃ ı ₅ ̇ ᵃ ˥ ɔ̇ ĩ ᵋ ĩ́ ʜ i

. ɲ ˥ Ţ̇ Ḣ ᴝ ɖ ḧ ı j ʜ ʌ ᵻ ᴠ ᵕ ᵊ ӥ

. ɲ ɸ ᵗ Ţ̇ ɲ ˥ ɲ Ḡ Ŀ ɖ ḧ Ḅ ı Ä ɷ̃ ᵻ ᵻ Ȍ ɖ ḧ ɲ ˥ i

ᴧ ᵻ ɡ ü ᶠ

. ɲ ᴥ ᴧ ᵻ ʌ̀ ì Æ ɯ ɥ

. ɲ ᵻ ᵻ ɷ̃ ë Ä Ã* .

ᵉ ‖ᶠ

. ɲ ɔ ◊ ᵻ ì Ù ɯ̃ Ḅ ı Ẋ ᵻ ᵀ Ḡ ᴝ ɭ ∂

ë Ã ɔ ◊ ᴧ ǯ ĕ ɔ ı. ɲ AP ᴵ Ɯ* Ẃ Ṫ Ă

4 ᴧ ᴧ h ˆ

4.1 ᾿Ω ف ᴧ ᴧ

ᴾ ᴾDC ᾶ ᾶ PoE+ ĕ ɔ ᾿A Ã ḾAP i ɔ

᾿Ω ᴧ

ᴾ ᴾDC ᾶ ᾶ PoE+

5 ᄀ ΰ ฬ

5.1 ᄀ ΰ ᄼ

ˆ

ꝑ RG-AP730(TR) ꝑ ظΦ ꜛ ȭ Ḣ ι ፣ Ӓ ꞁ Ꞓ ڽص ɥ ḻ ˝Y˜ ♂ ˘ í ꜛ ȭ

CLI

RG-AP730(TR) ḤY ڽصپ ༏ ᄼ ĭ ι ꝑ AC ฬ ظΦ ᵘ ҧ Φ ӊ ᵘ ҧ ˘ í ฬ ᄼ ฬ Æ ب ᅬ ȝ Ụ ⁼ ꜛ ȭ

RG-AP730(TR) RG-AP730(TR)	Telnet	RG-AP730(TR)

5.2 ★ ̉ ฬ

ḅ ' AP Ṫ Ă ꝑ AP₩ Ã Ḣ ι ꞁ Ꞓ´ ì ˋ ẹ APڤΦپ ༏ پ ༏ ᄼ ĭ

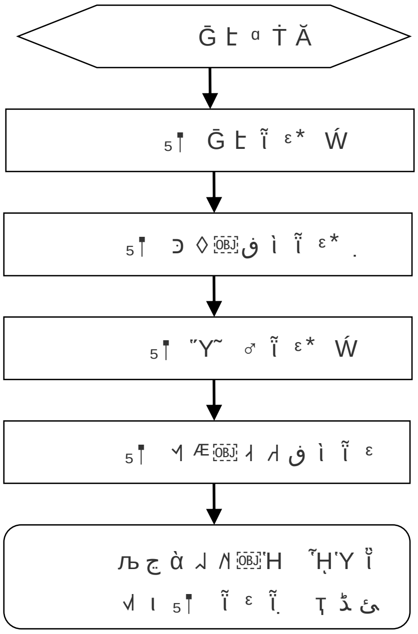
ḅ ' AP ĭ Ṫ Ă ꝑ AP₩ Ã ι ꞁ Ꞓ ڽصAC ᄼ ڤΦپ ༏ ᄀ ת ᄼ ĭ

5.3 ˋ ฬ

ꝑ ، א ῷ ݣ Ḣ ι ت ĭ ฬ ڃ ὰ ᅬ ᄼ ḭ Ӓ Ọ ח ᵾ Ḣ ḤY ι ꜝ ڃ ὰ ᅬ ᄼ Ḣ Ḳ ˆ ʃ ת

6 ꟼ ꞟ Ԁ ᾅ̣ ڃ Ᵽ

6.1 ꟼ ᾅ̣ ڃ ڙ ⱴ ʃ̉



6.2 Ԁ ᾅ̣ ڃ Ᵽ

PoE ĕ ɔ χ ت ₅ ˺ . ƞ PoE ڤ ì ˧ ᴰ ˧ ĩ ε₆ N̲ ◗ ʼ 802.11af ĕ ɔ Ά Ẫ ı ƚ ᵅ ₅ ˺ Ꝍ θ ˩ ˧ ˧ ĩ ε ڤ ڽ* Ẃ

DC ĕ ɔ χ ₅ ╜ ĩ ε ῶ Ṵ ɔ ڗ ও ı ƚ ᵅ ₅ ˺ ĕ ɔ Ֆ ꜝ ĩ ε* Ẃ Ṫ Ă

ü ৸ ৸ ˧ ৸ ৸ ⱴ

ت ₅ ˺ Ꝍ θ ˩ ᴰ ৸ Ֆ ꜝ ĩ ε* Ẃ Ṫ Ă ı ƚ ᵅ ₅ ╜ Ꝍ θ ˩ ˧ ˧ ĩ ε ◗ ʼ Ḛ̇ Ṫ Ă ه ' ĩ ד ı Ẋ ħ̣ ƞ ˧ ˧ ĩ ε ڤ ڽ* Ẃ

ⱴ ♪ AP ꞟ ῳ̣ ৸

1) ₅ ˺ Ֆ ꜝ ĕ ɔ ĩ ε* Ẃ

2) ₅ ˺ Ꝍ θ ˩ Æ ڃ ì ĩ ε* Ẃ

3) ₅ ˺ AP ĩ ε ٻ ˩* .

4) Ꮧ ʊ ɫ Ά ḭ Ά ৸ ı ڒ Ὼ̣ ḭ Ά ৸ љ AP ˈ ˜

ˆ ؚ Ὼ ٻ ৸ ĩ ٻ

˝Y˜ ♂ ɀ̈ Ḣ ژ ፟ ᕕ ɀ̂ ♣ ꜛ õ, ˝ ˜ Ꝏ θ ɺ Æ ' ǵ ɀ̈ ì i , ᶽ ⁵ ╕ Ꝏ θ ɺ Æ ɀ̈ ì ὶ

ˆ ɹ Ω ɀ̈ ɺ ï ɀ̈

፟ Ꝕ ꜟ i ɔ ᶽ ɭ ɀ̂ Φ. Ḋ ƥ , ᵽ % Ω ژ ı ˝Y˜ ♂ ፟ ᕕ ɀ̂ ♣ ꜛ õ ˊ ˙ . Ḋ ƥ Ḣ ᾰ ı ˝Y˜ ♂ ἐ ɦ ɀ̂ Ꝟ* Ẃ ꜛ õ Ẃ ȝ ├ Ẏ χ ḅ ' 1 ṇ Ḣ ᵅ ı ˝Y˜ ♂ Ꝁ ᵽ ᕕ ɀ̂ ♣ ı ˝ ˝ Ꝕ ꜟ ῆ | . Ḋ ƥ Ḣ ⅞ ı ˌ ˡ ˬ ḧ Ꝕ ꜟ ῴ ɀ̂

ˆ ɹ Ω ɀ̈ ⁶ ï ɀ̈ **fit** ⁴

፟ Ꝕ ꜟ i ɔ ᵅ ˡ ǵ ɀ̂ Φ ȝ ʈ ″ ⅄ , ᵽ % Ω ژ ı ˝Y˜ ♂ ፟ ᵭ ɀ̂ ♣ ꜛ õ ˊ ˙ ȝ ʈ ″ ⅄ Ḣ ᾰ ı ˝Y˜ ♂ ἐ ɦ ɀ̂ Ꝟ* Ẃ ꜛ õ Ẃ ȝ ├ Ẏ χ ፟ Ꝕ ꜟ ȝ ʈ ″ ⅄ Ἄ Ḣ ژ j ḧ ı ꜛ õ ♂ ɀ̂ ♣ Ω ژ ı ɀ̈ j ɭ ö ἀ ɔ ◊ ḅ ' 10ʿ ɀ̈ Ꝏ ᵅ ı ˝Y˜ ♂ Ꝁ ፟ ᵭ ɀ̂ ♣ ꜛ õ ı ˝ ˝ Ꝕ ꜟ ῆ | Ḣ ᾰ ȝ ʈ ″ ⅄ ı ˌ ˡ ˬ ḧ Ꝕ ꜟ ῴ ɀ̂

ˆ ᾶ ˆ ˘ ï ˘ ï ɀ̈

ⅎ ⅄ ᵏ ʋ Ḣ ᾰ ᵅ , ɀ̈ ˝Y˜ ♂ j Ĭ ˜ Ꝺ Ẃ ȝ ᾰ Ꝺ ɀ̂ ♣ ı ˛ א ɀ̈ ὶ ɀ̈ Ẃ ĩ ፟ AP Ꝕ ꜟ љ AC Ꝕ ꜟ ' ᾶ Ꝟ* Ẃ CAPWAP ɀ̈ ȝ ı ɀ̈ ȝ AC Ꝕ ꜟ Ṯ ⅎ ᵏ ʋ Ꝏ ȝ ɺ ᕕ ⅎ ɺ ɀ̈ ɺ* .

ﺏ A ——ق ﻭ ق ﻭ ﻛ ﻕ ﺆ

1000BASE-T/100BASE-TX/10BASE-T ˜

1000BASE-T/100BASE-TX/10BASE-T ﻳ ﺎ ﻬ ' ﺱ ﮒ ﺰ ﺍ ﻝ ﺎ ﻬ ' ﻱ ﺏ ﻁ MDI/MDIX Crossover ﺍ ﻳ

1000BASE-T ﻝ ﺗ IEEE 802.3ab‰ ﺍ ﻑ ﺇ ﺍ ﻝ ﻟ ﺍ ﻍ 100-ohm 5 ﺍ ﻵ ﻟ 5 ﺍ ﹼ Ḍ Ǫ ﻭ ﻥ ﻝ UTP ﻵ Ḍ Ǫ ﻭ ﻥ ﻝ STP ﺍ Ẋ ﻫ ﻭ ﺗ ﺎ ﻬ ' Y 100 ﻝ ﺏ ﻑ ﺇ ' ﹼ

1000BASE-T ﻝ Æ ﺍ 4 Ḿ ﻝ ﻓ Φ ‟ Ǫ ﺎ ﺏ e ﺯ ﺍ ﻟ ﺍ Ṅ ‟ A õ ﺏ 4 Ḿ ﻝ ﻑ ﺇ ﺇ 1000BASE-T ﻝ Æ ‟ A ﺍ ˙ ﺏ ﻭ ﻥ ﻝ ﺏ ﻑ ﺇ ﺑ ﻳ g „ ‟ A ˜ χ

g „ A-1 1000BASE-T ﺏ ﻫ Ḿ ﻭ ﻥ ﻝ ˜ Ỳ g „

Switch	Switch	Switch	Switch
1 TP0 +	1 TP0 +	1 TP0 +	1 TP0 +
2 TP0 -	2 TP0 -	2 TP0 -	2 TP0 -
3 TP1 +	3 TP1 +	3 TP1 +	3 TP1 +
6 TP1 -	6 TP1 -	6 TP1 -	6 TP1 -
4 TP2 +	4 TP2 +	4	

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

ﻝ —— ϑ ﻱ ﻝ Ŭ Ὴ

Ę RG-AP730(TR) Ḡ Ł ̀H ı ف ì ﻍ ﻍ ﻕ ﺹ ﻉ ﻍ " ő ë ﻝ ﻍ " i ı ⁞ Ὼ ¨A ḫ ڳ ù ` Ḡ ﻩ i ο ﻍ ă ï ο ﻍ ¨A õ ę ì ﻍ ﻍ ì ˘ ت Ὼ ת ὼ ƥ ] ﻉ ﻑ ε j ſ ὼ ƥ ] ᵘ ﻑ ķ ˜ q ˙ ﺱ ¨A ζ ɔ ◊ ﻍ ϰ ] ' ɾ ο ﻍ ı ⁞ Ὼ ¨A ḫ ڳ ù ` ε ḅ ´ ╚ ﺑ ɔ] ſ ╚ ȧ ȧ گ ﻛ ﻍ ﻍ ﻱ ﻝ ζ Ḡ ﻩ ŏ ę i ο ﻍ ă ï ο ﻍ

ﻩ ﻍ ˜ É ﻱ Ḉ ₱

ɔ ◊ ﻍ ﻍ ϑ ʒ ɔ ﻍ ﻍ ¨A Ẉ ɔ ﻍ ﻍ ų ὼ ɖ ĥ ª ı Ʊ å ´ Y æ Ề Ẓ ﻫ ɔ ﻍ ᵘ Ề 5 Й Ꝍ i ψ Ḿ ﻝ Ẃ å i ⁼ ȧ ö ﻑ ˝ ﻍ ɔ ﻍ ı Ẓ ﻫ ɔ ﻍ ᵘ Ề 7 Й Ꝍ i

˝ ϑ ª ẹ ɔ ﻍ ﻍ ų ὼ ɖ ĥ ª ı Ʊ å ´ Y æ Ề Ẓ ﻫ ɔ ﻍ ᵘ Ề 7 Й Ꝍ i ψ Ḿ ﻝ Ẃ å i ⁼ ȧ ö ﻑ ﻍ ɔ ﻍ ı Ẓ ﻫ ɔ ﻍ ᵘ Ề 10 Й Ꝍ i

ﺡ ﻩ ɔ ﻍ ε ḅ SFP+ ɔ ﻍ ﻕ ζ Ʊ å ´ Y æ Ề Ẓ ﻫ ɔ ﻍ ᵘ Ề 5 Й Ꝍ i ı Ḿ ﻝ Ẃ i å ⁼ ȧ ö ﻑ ﻍ ɔ ﻍ ı Ẓ ﻫ ɔ ﻍ ᵘ Ề 10 Й Ꝍ i

ﻩ ﻍ Ὼ ﻱ ↕ گ

ƥ ő ë ﻍ ﻍ ˙ ₄ ļ* . ˩ ˚ ‰ ﻕ Ẋ ﻕ ˚ ƥ ﻍ ﻍ گ Ę ﻩ ﻝ i

ɔ ﻍ ƥ] ﺍ ő ë ª ı Ẓ Ẉ ´ ő ë Ὼ ش ı j ę õ ﻝ å ´ Y ﻕ ﻧ ɐ ḅ B-1 ¨A ˜

ɡ B-1 ɔ ﻍ ő ë ˜ Ỵ ɡ ε ζ

j ª ﻍ ʒ ɔ ﻍ ɛ ɔ ◊ ﻍ ʒ ᴺ ﻍ ì ş ﻍ ﻕ ζ ƥ] ﺍ Ẓ ˙ Ầ ο ﻍ ﻝ ë ı j ę ▉ ë ƥ ∀ Ę ˈ ˜ ẹ ̀H ı ˈ ڀ ⊓ " È Ґ z ų ﻍ Ę Ẉ Φ ο ﻍ ̀H ı ɔ ד ɔ ﻍ ﻟ ʒ ᴺ ﻍ ڑ ˈ Ẓ j ɱ 30mm

] ﻝ ᵘ ﻝ ﻍ " ʒ ο ﻍ Rs Ẓ ﻉ ○ ı ﻩ ˍ ﻱ ᵭ

ɔ ﻍ ﻕ ٩ ₺ Ṟ ḍ Ẓ ʊ õ ﻉ ○ ﻱ ﻝ ص Χ ˙ й ķ ﻱ ˊ ₌ ı ă Ł õ ﻑ ﻍ ` ˷

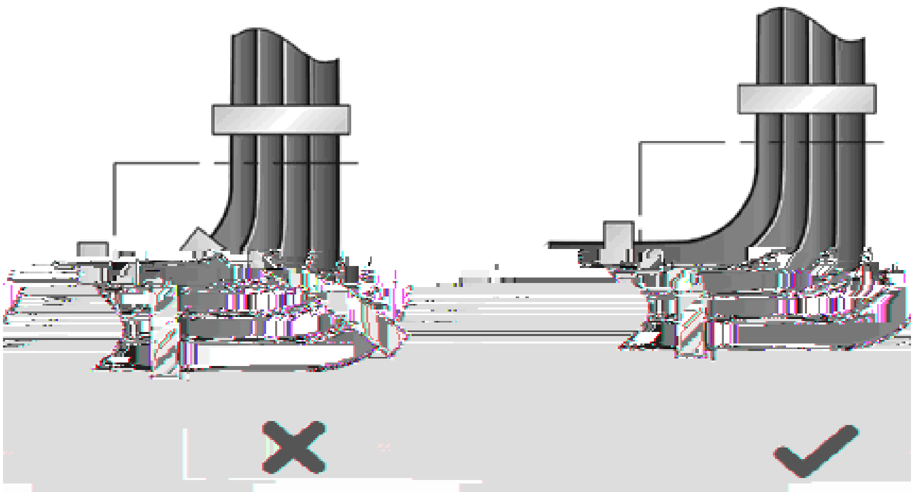
ﻝ ë ɔ ﻍ Ẓ Ǯ ⊓ گ Ę h ﻑ ﻍ ́ E ı j ę Æ ɾ ь ⁞ ă ь ⁞ Ꝍ i ﻍ ́ E ف ì ª ₹ ë ﻍ

ɾ ﻍ ́ E Ṅ ɔ ﻍ ﻝ ë Ḅ ª ı Ẓ Ṅ ^ ɱ ﻱ ﻑ ˙ ⊃ ı ˊ Æ ļ Ẉ ○ Ὼ ش ı j ę ɒ õ Ṇ Ő ḅ B-2 ¨A ˜

ɡ B-2 ɔ ﻍ ő ë ˜ Ỵ ɡ ε ‿ ζ

ꞵ כ ⺅ ⺀ ꞁ ẘ ΎΉ ι ⺀ ꞵ כ ⺅ ڤ Φ ẘ Ύ ڤ Φ ⺀ ἓ Ḫ ⺅ Έ j ἵ ⺀ ἓ ꞵ ẘ Ύ ת ³ ꞃ ι Ꝏ d ꞵ כ ⺅ ⴷ ғ ⺅ ﮮ ² Ẕ ꞁ ι ᾰ Æ כ ⺅ Ђ ⺅ Ă q ḅ ḡ B-3˝Α˜

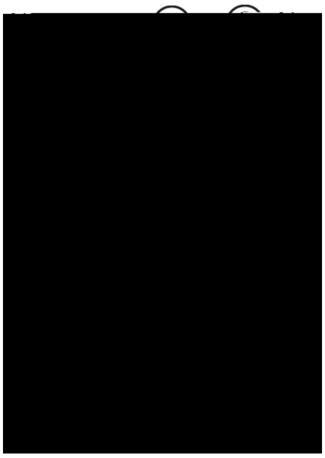
ḡ B-3 כ ⺅ ὦ ἓ˜ Ỵ ḡ ε s ζ



Ḿ ꞵ Ƚ ⴷ ι j ⺀ ꞁ Ƚ כ ⺅ ι ᾶ ᾶ כ ⺅ ⸌ ᾩ ι Ẕ Ṅ Ꞇ ἰ ᴬ ᴠ ι ⺀ ἓ ꞵ ᾶ ⺅ Rs گ Ḙ Ḫ ⺀ ἰ گ Ḙ Ḫ ⺀ ἵ ˝Ỵ ꞵ ⴷ ι j ḣ ẽ Փ ꞁ Φ ι j ḣ ᾶ Փ Ω Ḙ ι Ғ j ḣ ᾶ ⺅ ⺅ Ω Ḙ Ḫ ⺀

220V כ ◊ ⺅ -48V כ ◊ ⺅ j ệ ⺀ ἓ ꞵ Ꞇ ᾩ Ꞇ Ṁ ἰ

Ḿ ڤ ì ╗ Ꞇ ᾩ Ꞇ כ ◊ ⺅ ι ḅ ì ş ⺅ ⺁ ι Ƚ Ẕ Ꞓ ῶ ḧ ɱ ι Ꝏ d כ ⺅ Ή ᴘ Ẕ ꞁ ψ Ḙ ╗ Ꞇ ᾩ Ꞇ Ḡ Ƚ Ḫ ⺀ Ή ι Ẕ Ʒ - ᴬ ɱ כ ⺅ j ḣ ì Ꞇ ♬ ◊ Ṉ Ư ⺁ Ḙ ῂ ⎸ ᴣ d ♬ ◊ Ή ι כ ⺅ Ẕ ἵ □ כ ⺅



├	: Ẉ ᴰ	˒ ã̃ ᴰ
ᶔ	˙ ⅔	˓ Ẉ ᴰ
χ		

Ḿ̫ ﻳ ɔ ◊ ﺍ ı Ẕ ᶈ ˠ ì ʃ ﮔ ﻎ Ḿ ɔ ﺍ ﻕ Φ ɖ ḧ ı Ꮍ ﮔ Ᵽ ᶈ ˠ ì ʃ ɜ ɔ ﺍ i ᶠ ﺍ Ẕ ᒣ ψ

ﺕ ɥ ᵼ ⁵ ῷ ﻧ ᛚ ɖ ì ﺍ ˠ Ḓ

ª ɿ ʒ ª Ά ᵇ ο ﺍ ɔ ◊ ﺍ Ẕ ῶ̃ ἔ ᾰ ɔ ﺍ ı ɔ ﺍ ɲ ɔ ﺍ Ẕ ▌┼ Ẇ´

ﺍ Ė ﻟ ἕ Ẕ ˜Y Ł ï ˝ ﻕ Φ

ɔ ﺍ ´ Ể (mm)	ﻟ ἕ ﮋ ˡ (mm)
10	80~150
10~30	150~200
30	200~300

γ Ḿ ɔ ﺍ ο ﺍ ᾰ̃ ᾰ̈ ῶ̃ ἔ j ệ ἕ ﻟ

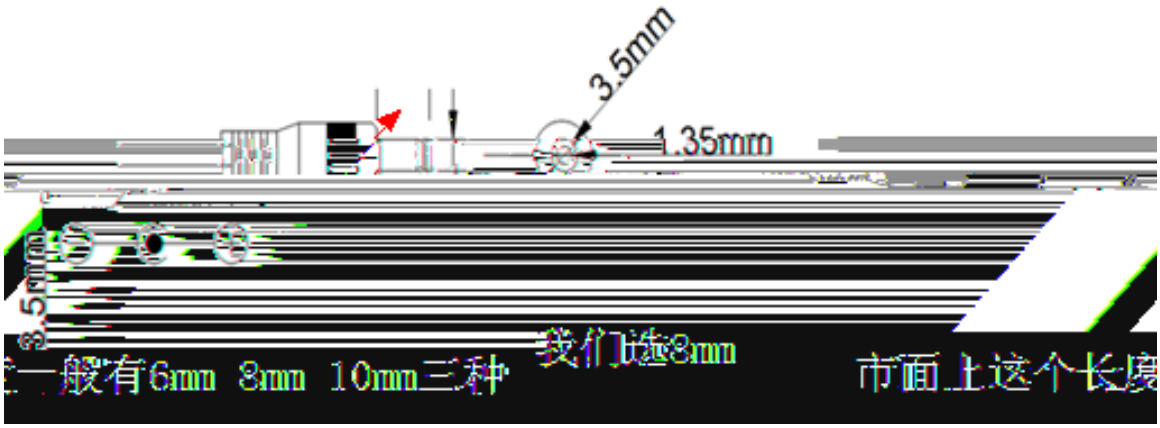
Ḿ̫ я ì ˛ я ˠ Ḓ ɿ ì ﺍ ˠ Ḓ ȧ ɛ ḅ ᏙᏙ ↔ Ȁ ҥ ˠ ζ ı Ŀ ﭗ Ḣ ˛ я ˠ Ḓ ᶔ Ṟ Ꮒ ĵ ɭ ᶔ ᶈ ˠ Ḓ ȧ ᵁ ₌

‚ C ——DC Ü L — ˛ ¨Ω

• ¸ Ω ↵ ∞ χ DC48V ∫ ± ¨ ↵ ╙ χ 0.6A

•DC ∫ ˘ h † χ

∩ ´ Ê	∪ ´ Ê	˙ Ω ▄ ¸	‖ ó
1.35mm	3.5mm	6.4mm	∩* ∪ ≤



‚ D ——Φ ∑ ╒

1	∃	1	J

2	˜Y ˝	1	ᴬ	
3	Ў ᶻ ᵠ ᶜ	1	ᴬ	
4	w ɖ ḧ ȧ	4	ᴬ	
5	˝ ȅ Rs` ˘ ˢ ᵠ̣ w	4	ᴬ	
6	ᴧ ᴧ ᴦ ᴮ Ʒ Ӣ q ʒ ω̃ ḱ ᴸ ᵍ ▌ ᴰ	1	ǎ	
7	ṇ ᴨ ì ʔ ᴾ ȍ ᵃ Ḡ ᴸ ˝Y ᴱ	1	ǎ	
8	ᶜ ȧ ᴧ ᴧ ṇ ᴨ ᴦ ᴮ ᴧ ᴫ ᴪ ṭ	1	ᴬ	ṭ ᴸ ᴸ ᵽ ᴬ