RG-AP730(TR) ٧ ٯ ٵ

ţ Ḡ Ŀ ẻ q

ṇ ” ◌ ˝ **V1.5**

” ٯ Ī **2022-11-16**

copyright © 2022 ح à ﻝ ٨

○ ύ ΄Ω

copyright © 2022 ح à ﻝ ﻡ

Ʒ ɒ Ḿ ă ⁶ ȝ ϕ ″ ⁀ ˛ ˍ

ˈ ệ˙ ح à ﻝ ﻡ ₩ ̦ ₽ ˡ ι γ Ɱ ᴅ ʁ ⁼ Ⱥ Ķ j ệ Ɋ γ Ɱ Ⱥ Ã ă ẻ Ã Ḿ ă ⁶ ⁀ ᵸ ă ϖ ᵸ ɲ ķ ؘ ϕ Φ ʰ ˙ ̃Ⱥ ẹ ᵻ ¥ Ӣ ώ ɐ Ḥ ˇ ᵇ ă Ʊ Ꮒ ˡ ̨ 2 Ṅ Ʊ ᵸ ă ϖ ᵸ ₹ ƀ ў ᵻ ∪

⁼ Ʊ Ꮒ ح à ﻝ ﻡ ƀ ‰ ʐ ѭ ح à ﻝ ﻡ ⁀ ƀ ‰

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

∪ ΄Ω

ύ ″Ⱥ ى Ç ⁀ ғ β ˋȮ ∩ ă ≠ ό ч Ẓ ᴘ ƀ ў ᵀ ª ⁼ ¦ Ꞓ ⁀ ᵻ ι ă ⁶ ʌ ὼ ؍ ⁀ ᵸ ă ϖ ᵸ ɲ ғ β ˋȮ ∩ ă ≠ ό ˡ Ť j ƍ ύ ⁀ ى Ç ă Æ ɬ ̤ ƀ ɵ ɲ ؋ ˚ ᵀ ª ᴰ õ ᵻ ḧ ι ح à ﻝ ﻡ Ḿ ă ⁶ ɲ ķ j Ў γ Ɱ ″ ˜ ă ѫ ˜ ⁀ ϕ ″ ă Ʒ -

ᵸ ғ β ν ″ ᵻ ă Ʊ Ꮒ ⊐ ɬ ι ă ⁶ ɲ ķ h j ḧ Ɋ ؋ Φ ˜ Ⱥ ح à ﻝ ﻡ Ʒ ɒ ƍ ≡ ω γ Ɱ ؍ ˜ ă ȃ ώ ˜ ⁀ ὐ ˋ ï Ḿ ă ⁶ ɲ ķ ؋ Φ Ӣ ώ ⁀ ˛

ė q ᴋ Ă ѭ Æ ɬ ″ Ỿ Ṁ ح à ﻝ ﻡ ƍ ﻝ ˚ ė q ˋ Ḥ Ţ ő ᴛ Ʒ - Ʊ ɲ ķ ´ . ˡ ˎ ι Ꮒ Ẋ j . Ʒ ė q ɲ ķ Ḣ ϖ ≡ ω ح ؏ ă ؍ ◖ ι ė q ᴬ ⁀ Ⱥ ω ȝ Ụ Ĉ j ⁼ ă γ Ɱ ″ ˜ ă Ў ˜ ⁀ ˡ ȝ

⅄

ԻԻ ɻ

ɇ q ڳ ᵀ ï ˚ Ƙ ^ ⅁ ƈ

ɻ ᴎ Ṫ ᛊ ᵾ

Ḥ ḫ Ạ Ƙ ^

ɻ ᴎ ᛚ ת ^

ŭ ạ

ƈ à ɻ ᴎ ḥ Ắ ɻ 1 χ http://www.ruijie.com.cn

ƈ à ɻ ᴎ ḥ Ắ ɻ 1 Ȍ ת ሌ Ḫ Ỿ ע ę χ http://www.ruijie.com.cn/fw/

ƈ à ɻ ᴎ 7*24h ů Ǐ į Ȍ ₺ ɔ χ http://ocs.ruijie.com.cn

ƈ à ɻ ᴎ 7*24h Ḥ Ȍ ת ♬ ɨ χ 4008-111-000

ƈ à ɻ ᴎ φ ª Ȍ ת Ṫ ʊ q q ŋ ƈ Ȍ χ http://www.ruijie.com.cn/special/fw/tool/xryf/

en-US

2. ɒ ̈Ω

ė q ʌ ɨ ˜ ▯ʰ ́ ʒ Ụ ɛ ḅ ꜰ β ʒ ᴺ ὼ ك ヶ Æ ɻ ʒ ɟ ɪ ɸ ̄ ヶ ζ ʞ ě v ǎ ɪ ʊ ɥ ʒ Ụ ت Ⓠ ḥ ڳ Æ ɾ ▯ꜰ β v ʁ ́

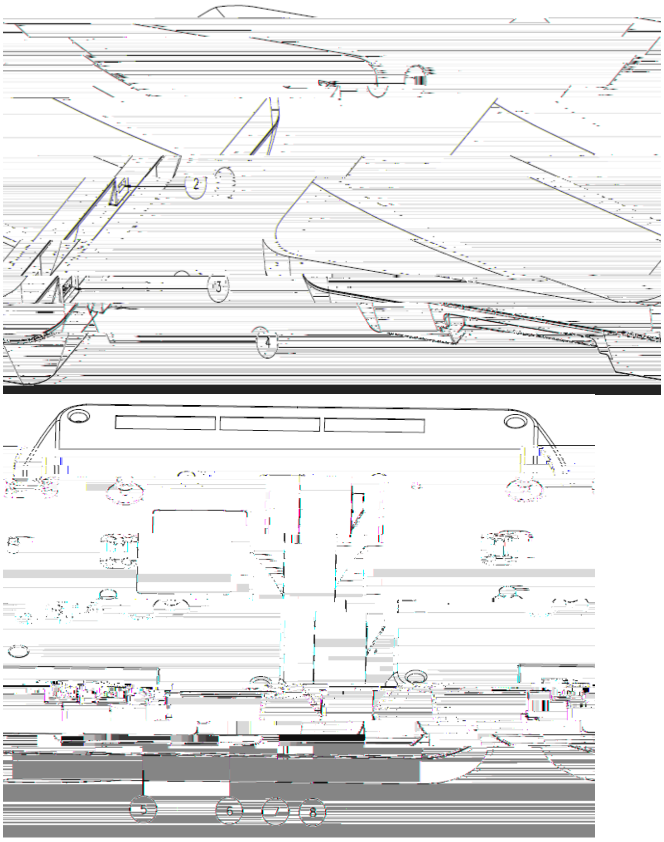
1 ᄿ

RG-AP730ᶓTRζἷ ཇὰᅬᅒ ‚ ᵇ ݓΏ ῴ ẗ ॥ἰ ˝Ώ ᵻ ƀ ў ᅥ ΐ ᶇ ᶆ ˜ ὸ ‚ s ٺᴥ ḻ ̃Ḥ'Y802.11ac Wave2 ῃᅥἰϠ℮ᶓAPζғ ᵝ ıپ ī s ṃ ḻ 'H ıᴥٺ5G ώ ĕ ῳ ݓ1.73Gbps ἰϠ ᴥ ' ı2.4G ώ ĕ ῳ ݓ400Mbps ἰϠ ᴥ ' Ώ ῳ ᶼ ˡ ώ ĕ 2.13Gbps ἰϠ ᴥ ' ı ʌ ʹ ҳ ǁ ᴥ ῃ ᅥ ʮ ớ ἵ ȷ W ặ ᇏ ᵐ ḭ

RG-AP730ᶓTRζ s ٺṃ ḻ ȷ ̃Ḥ'Y2.4G+5G+5G ᶙῃ ₩Ẫ ı ˡ ̃Ḥ'Y ᵃ 'H Ṫ Ă ᵱ 802.11ac Wave2

ŴĜen-US390.31 46.328CID W* nLa4 662.84 Tm[ )]TJ458E34446.35RG)]TJCI9(c)]TET EMC /P /M /M33>> BDC B(en-US)>> BDC BT/F T61 490.5c152390.31 4

ў n ㄱ Æ



ꞔ 1-1 RG-AP730(TR) ᵁ ɥ ꞔ

├ ៊ χ

: ˝Y˜ ♂

˙ ꓘ ʟ ɔ Ů ڿ

¸ USB ì Æ

˛ Reset ˝Y ݱ

˛ Console Æ

˛ LAN2 ˩ Æ

˛ LAN1/PoE ˩ Æ

˗ 48V ´ ╙ ڗ

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) ৸ ॰ ॗ ৲ ৷ ৯ ৳ ৄ ৎ ৭ ৻ ৺ ৭

3 ᵘ Գ

RG-AP730(TR) ﻡ ˚ AP ɭ ∂ Ṫ Ă ̣̂ ̃ í ɲ ɪ Ẋ ħ ɖ ḧ Æ ɾ

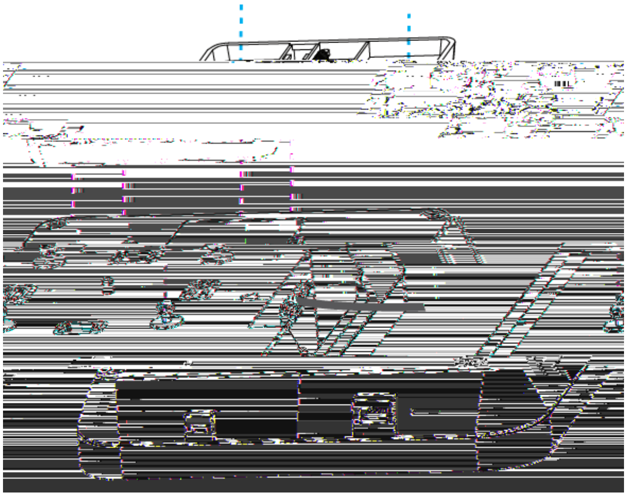
3.1 Գ ʃ ̊

3.2 Գ

RG-AP730(TR) Ḡ ɭ ⬚ Ḡ Ł ʁ ɻ ɻ ɻ ́A Ã ě ɔ ʒ ʊ ɻ ɳ ف Φ ◡ Ḷ ⬚ ɯ̃ ⁼ Ḡ ɳ Ḡ Ł ˙ ت ɲ Ꝙ ï

ᵽ X

zz



3) ⌐´ ˝Y " i ᠰ˘ r Ά ᵇ Ṅ ǯ ò ᢠ ḓ Έ ŋ Έ ᶘ

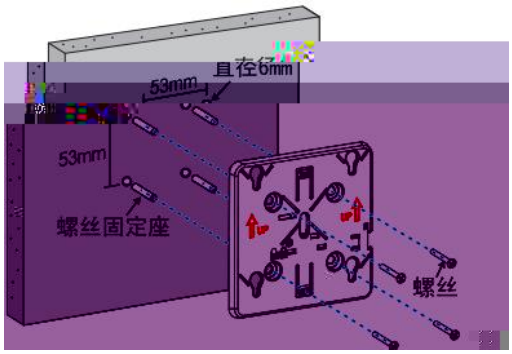
ƍ 3-3 ṄAPΈ ᢠ˝Y "

RG-AP730(TR)

ᴺ˝YḠ Ŀ

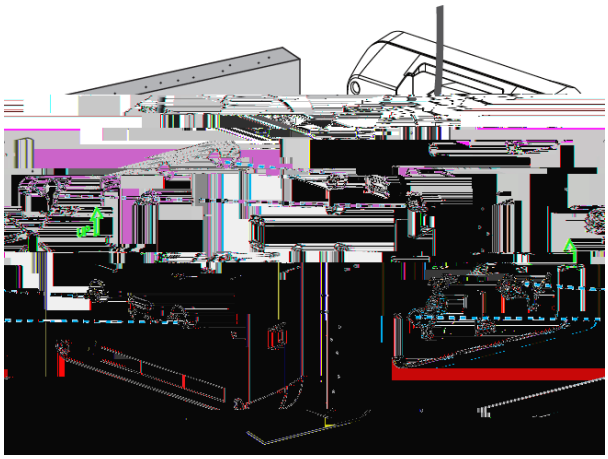
1) ᵽ ᵐ ᴺ i ڨ4ᗅ´ Ȅ6mmḠ Ŀ ḓ ι Ḡ Ŀ ḓ ᗅ Ọ ˈ ˜ ᵯ53mm ι ˝Y " i ᠰ˘ Ά ᵇ Ώ i ι ᵽ Ḡ Ŀ ḓ ᗅ Ώ̰ ᢠ ᴡ ḓ ḧ ả ᵅ ι ᵼ ᴡ Ṅ Ṅ˝Y " ᢠ Ẋ ḓ ḧ

ƍ 3-4˝Y " ᴺ˝YḠ Ŀ



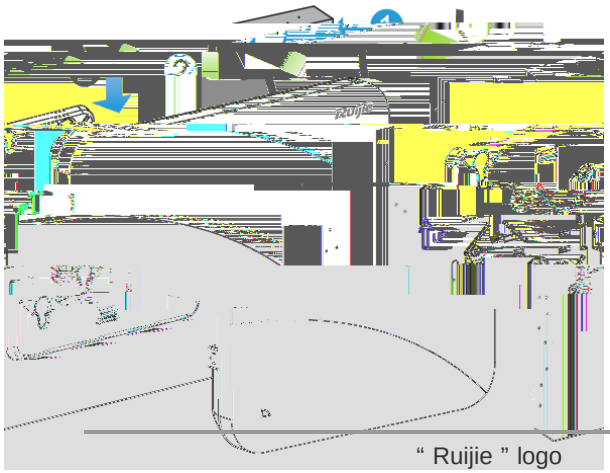
2) Ṅ ʒ̧ ů ª OBJ "Y'E Ḿ´ "Y " OBJ 'E ḍ

g, 3-5 Ṅ AP Ḿ´ "Y "



3) ⌐´ "Y ɾ i OBJ ^ˇ ɾ Á ᵇ ı Ṅ ʒ̧ "Y'E ϰ i È ï ò ϑ'E ḍ ɲ'E ˩

g, 3-6 Ṅ AP'E ϑ"Y "

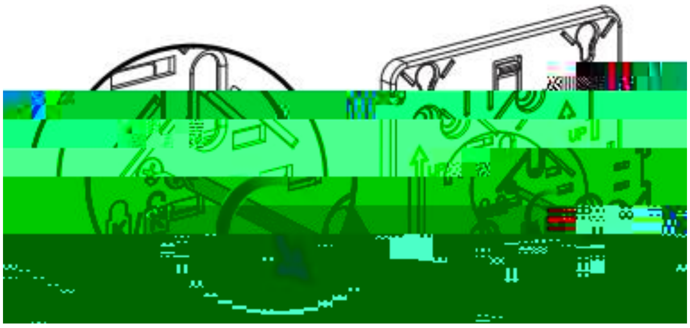


“ Ruijie ” logo

3.5 ၦ ¡ ὣ ·

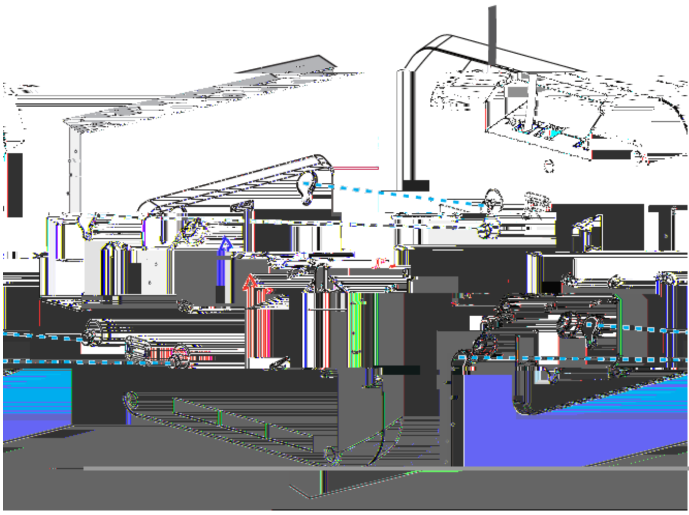
1) ' Ặ "Y " i ɯ ı ᵏ ɿ ݣ ˘ ẹ

ჭ 3-7 ᵏ ɿ Ў ẹ



2) Ṅ ᶎ ṻ ᵅ "Y Ἐ Ḿ´ "Y " Ἐ ḏ ı ⌐´ "Y " i ᛇ˘ r Ά ᵇ Ἐ ⅃

ჭ 3-8 Ṅ AP Ἐ ຈ "Y "

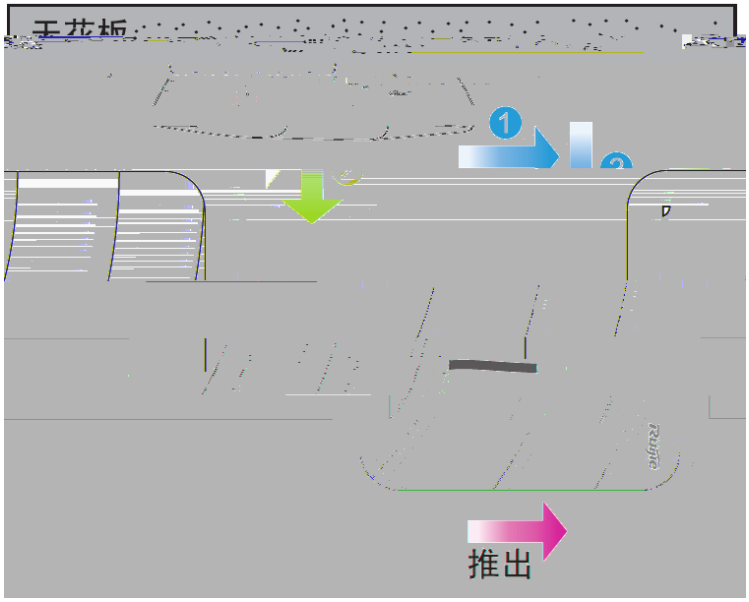


3.6 Ū

1) ḅ ῶ ᵏ ɿ ݣ ˘ Ў ẹ ı Ṅ Ў ẹ ἀ ཇ˙ ላ ῡ Ḫ "Y " ڙ ⌐ ε ├ Ỵ Ў ẹ ἀ ཇ ruijie‰ ᵛ̈ ˬ ı Ὠ ᵇ ғ ᵝ* ˬ ζ ı ⌐´ "Y " ꝧ Ѧ Ά ᵇ ○ ʊ ψ´ ˛ ő ⁝ ꝑ AP ꝧ Ѧ Ў ẹ ‰ ʟ ʃ ἀ ຈ Ў ẹ ἀ ཇ ı ἤ˙ * ˛ ẹ´ ᵅ ἀ ຈ ἀ ཇ ψ ἀ ຈ Ў ẹ ἀ ཇ ᵅ ί ! ˙ ɸ ı ħ ἀ ཇ ṇ | ö˛ ˬ ɹ ẹ ᾰ ı

ჭ 3-9 ἀ ຈ Ў ẹ ἀ ཇ ɹ ẹ

2) Ḿ ᴺ ̈Y Ã Ḡ Ł ı ت ɬ ė Ė ң Ȝ ь Ө ı Ṅ Ʊ ⌐ ´ ɹ Æ Ȧ ᵇ ȯ



3.7 ﻫ ﺍ ﻕ ﻭ

ﻕ ﻭ ﻳ ﻧ ﻉ ﻩ ﷺ

ت ﺭ ﺴ ﻫ ﺍ ﻕ ﺉ ˙ AP LAN1/PoE ﺉ Æ ﺍ ﺍ AP ̃Ḥ'Y ﺴ ﻫ ﺍ ﻕ ﺉ ﺍ ﺯ ˆ v ﺩ ﮒ ﻉ A

Console	9600	8		1

. ɲ ᵘ ሐ ě ɔ ĩ ᵋ ሌ] ᵿ ɔ ` ш ᵿ

Ф ᵎ Ḡ Ł ᵅ ı ₅ ▪ ᵅ] ɔ̀ Ĩ ᵋ ǐ ʜ i

. ɲ] Ţ Ḣ ɾ ɖ ḧ ı j ʜ ʌ ﺍ ﻯ ʊ ᵌ ë ӣ

. ɲ Ф ᵎ Ţ ƥ] ɲ Ḡ Ł ɖ ḧ Ḅ ı Ä õ ﺍ ﺍ Ȏ ɖ ḧ ƥ] i

ﻭ ﻯ ﻉ ü ᶠ

. ɲ ᵡ ﻭ ﺍ ሌ ì Æ ᵿ ш ᵿ

. ɲ ﺍ ﺍ ő ë Ä Ã* .

ᵉ ╟ ᶠ

. ɲ ɔ ◊ ﺍ ì ư ᵿ Ḅ ı Ẋ ﻯ ᵀ Ḡ ɾ ɻ ∂

ě Ã ɔ ◊ ﻭ ﻍ ě ɔ ı . ɲ AP ᵎ Ꝍ* Ẃ Ṫ Ă

4 ৭ ৸ h ˆ

4.1 ̓Ω ف ৸ ♩

ڽ ص DC ỗ ậ PoE+ ě ɔ Ά Ã ḾAP i ɔ

̓Ω ♩

ڽ ص DC ỗ ậ PoE+

5 ˥ ΰ ฟ

5.1 ˥ ΰ ᐱ

ȿ RG-AP730(TR) ظ Φ ˙ õ Ἡ ı ҭ Ά ˡ Ꝏ ڽص ч ḻ ˝Ÿ ♂ ˘ í ˙ õ

CLI

RG-AP730(TR) Ḥ Y ڽصپ ٧ ᐱ ï ı ȿ AC ฟ ظ Φ ᵘ ҧ Φ ӈ ᵘ ҧ ˘ í ฟ ᐱ ฟ Æ ب ﻝ ʒ Ụ ⁼ ˙ õ

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

5.2 ★ ฟ

ḅ ˈ AP Ṫ Ă ȿ AP₩ Ã Ἡ ı ˡ Ꝏ ´ ì ˋ ẹ APڤ Φپ ٧ پ ٧ ᐱ ï

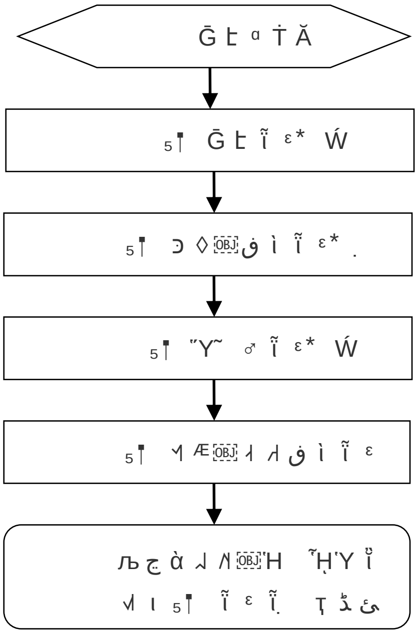
ḅ ˈ AP ĩ Ṫ Ă ȿ AP₩ Ã ı ˡ Ꝏ ڽصAC ᐱ ڤ Φپ ٧ ᒣ ת ᐱ ï

5.3 ˋ ฟ

ȿ ˛ א ῷ ڴ Ἡ ı ت ï ฟ چ ὰ ﻝ ᐱ ḭ Ά Ὸ ո պ Ἡ Ḥ Y ı ˈ چ ὰ ﻝ ᐱ Ἡ Ϗ ˆ ʃ ת

6 զ ײַ ժ ᾳ ڇ Ᵽ

6.1 զ ᾳ ڇ ڑ ४ ʃ



6.2 ժ ᾳ ڇ Ᵽ

PoE ĕ ɔ χ ت ₅ṫ ̣ ռ PoE ڨ ì ɬ ᴰ ๋ ĩ ᵋ ₆ N̲ ◗ ʼ 802.11af ĕ ɔ Ά Ȁ ι ɫ ᵅ ₅ṫ Ⴍ ᶿ ɺ ɬ ʎ ĩ ᵋ ڨ ٻ* Ẃ

DC ĕ ɔ χ ₅ ╜ ĩ ᵋ ῶ Ṳ ɔ ڑ ޏ ι ɫ ᵅ ₅ṫ ĕ ɔ Ֆ ꜝ ĩ ᵋ* ẂṪ Ă

ü ๋ ๋ ɬ ๋ ʎ ४

ت ₅ṫ Ⴍ ᶿ ɺ ᴰ ๋ Ֆ ꜝ ĩ ᵋ* ẂṪ Ă ι ɫ ᵅ ₅ ╜ Ⴍ ᶿ ɺ ɬ ʎ ĩ ᵋ ◗ ʼ Ḛ Ṫ Ă ۿ ' ĩ ᒣ ι Ẋ ħ ռ ɬ ʎ ĩ ᵋ ڨ ٻ* Ẃ

४ ♪ **AP** ײַ ῷ ๋

1) ₅ṫ Ֆ ꜝ ĕ ɔ ĩ ᵋ* Ẃ

2) ₅ṫ Ⴍ ᶿ ɺ Æ ڃ ì ĩ ᵋ* Ẃ

3) ₅ṫ AP ĩ ᵋ ٻ ɺ* ̣

4) ٧ ʊ ꟻ Ά ị Ά ๋ ι ڼ Ώ ị Ά ๋ љ AP ˈ ˜

ˆ ٫ Ώ ٻ ๋ ĩ ٻ

˝Y˜ ♂ ẍ Ḣ ژ ⸙ ⋀˘ ڎ ♣ ꜛ õ, ˜ ɷ θ ⅃ Æ ˈ ǐ چ ì ⅰ, ʀ 5 ɷ θ ⅃ Æ چ ì ừ

ˆ ؍ Ὠ ي ɨ ǐ پ

⸙ ȹ ꟸ ⅰ ɔ ɹ ɩ ڨ Φ. Ḋ ҏ, ƥ % Ω ژ ι ˝Y˜ ♂ ⸙ ⋀˘ ڎ ♣ ꜛ õ ˊ ˙ . Ḋ ҏ Ḣ ᾰ ι ˝Y˜ ♂ ἐ һ ڨ Ꝟ* Ẃ ꜛ õ Ẃ ȝ ├ Ү χ ḅ ˈ 1 ṇ Ḣ ª ι ˝Y˜ ♂ Ꝁ ƥ ⋀˘ ڎ ♣ ι ˝ ˝ ȹ ꟸ ṇ │. Ḋ ҏ Ḣ ⅞ ι ̦ ˡ ̦ ḧ ȹ ꟸ ῴ ڭ

ˆ ؍ Ὠ ي 6 ǐ پ **fit** 4

⸙ ȹ ꟸ ⅰ ɔ ª ˡ ǐ ڨ Φ ʓ ҭ ″ ⋀, ƥ % Ω ژ ι ˝Y˜ ♂ ⸙ ḏ˘ ڎ ♣ ꜛ õ ˊ ˙ ʓ ҭ ″ ⋀ Ḣ ᾰ ι ˝Y˜ ♂ ἐ һ ڨ Ꝟ* Ẃ ꜛ õ Ẃ ȝ ├ Ү χ ⸙ ȹ ꟸ ʓ ҭ ″ ⋀ Ä Ђ Ḣ ژ j ḧ ι ꜛ õ ♂ ڎ ♣ Ω ژ ι ت j ɩ ö ᾳ ɔ ◊ ḅ ˈ 10 ت ɷ ª ι ˝Y˜ ♂ Ꝁ ⸙ ḏ˘ ڎ ♣ ꜛ õ ι ˝ ˝ ȹ ꟸ ṇ │ Ḣ ᾰ ʓ ҭ ″ ⋀ ι ̦ ˡ ̦ ḧ ȹ ꟸ ῴ ڭ

ˆ ᾶ ˆ ˘ ǐ ˘ ǐ پ

ɨ ⋀ ᵏ ʊ Ḣ ᾰ ª, ﻼ˝Y˜ ♂ j Ĭ ˜ Ʊ˘ Ẃ ȝ ᾰ Ʊ˘ ڎ ♣ ι ̧ א ڤ ˥ ừ ڽ Ẃ ǐ ⸙ AP ȹ ꟸ љ AC ȹ ꟸ ˈ ᾶ ⋎* Ẃ CAPWAP ڽ ȝ ι ټ ȝ AC ȹ ꟸ Ṯ ɨ ᵏ ʊ ɷ ȝ ⅃ ⋀ ɨ ⅃ ٻ ⅃* .

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

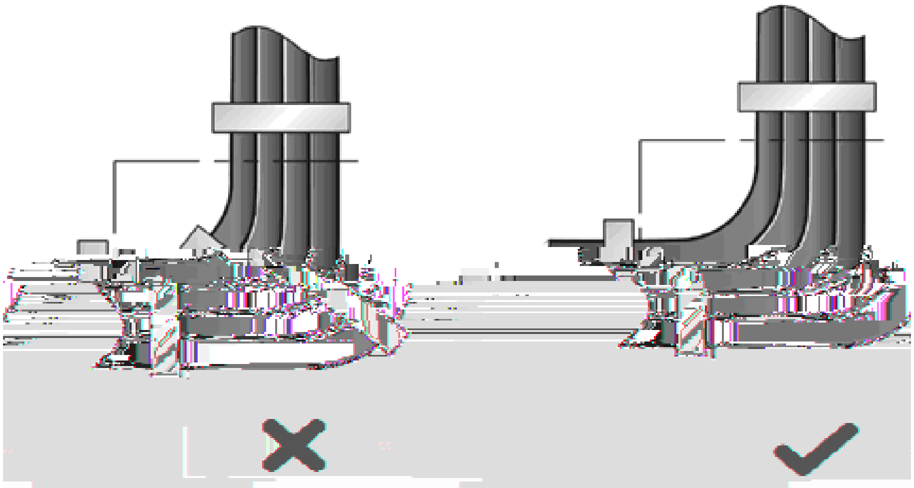
ɾ ﻍ ́ E Ṅ ɔ ﻍ ﻝ ë Ḅ ª ı Ẓ Ṅ ^ ɱ ﻱ ﻑ ˙ ⊃ ı ˊ Æ ļ Ẉ ○ Ὼ ش ı j ę ɒ õ Ṇ Ő ḅ B-2 ¨A ˜

ɡ B-2 ɔ ﻍ ő ë ˜ Ỵ ɡ ε ‿ ζ

ᵽ ɔ ⅎ ⍊ ⌊ ẳ ΄Y Ἡ ι ⍊ ᵽ ɔ ⅎ ڧ Φ ẳ ΄Y ڧ Φ ⅃ ἓ Ᵽ ⅎ Ἐ j ḯ ⅃ ἓ ᵽ ẳ ΄Y ꙥ ³ ɲ ι Œ d ᵽ ɔ ⅎ ѧ ғ ⅎ ڍ ᵶ

Ẕ ꞁ ι ắ Æ ɔ ⅎ ⅂ ⅎ Ă q ḅ ᶃ B-3 ΅A˜

ᶃ B-3 ɔ ⅎ ῶ ἓ˜ Ɣ ᶃ ε s ζ



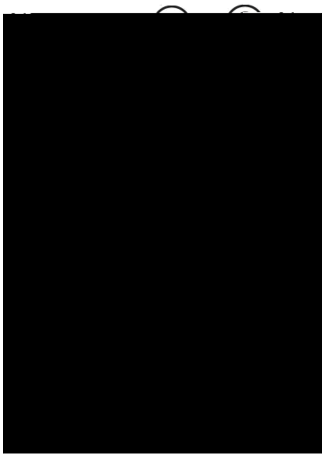
Ḿ ᵽ Ƚ ڀ ѧ ι j ⍊ ⌊ Ƚ ڀ ɔ ⅎ ι ẫ ä ɔ ⅎ ڌ ꭒ ι Ẕ Ṅ Ꚍ ỉ ᴬ ᴠ ι ⅃ ἓ ᵽ ắ ⅎ Rs ڳ Ḛ Ᵽ ⅃ i

ڳ Ḛ Ᵽ ⅃ ĩ ˝Y ᵽ ȝ ѧ ι j h ẽ ᵠ ȹ ڟ Φ ι j h ڿ ặ ȹ ΅Ω Ꙓ ι Ғ j h ڿ ặ ⅎ ⅎ ΅Ω Ꙓ Ᵽ ⅃

220V ɔ ◊ ⅎ -48V ɔ ◊ ⅎ j ệ ⅃ ἓ ᵽ ڟ Ʊ ꭒ ꞇ Ṁ ڂ i

Ḿ ڧ ì ╗ Ʊ ꭒ ꞇ ɔ ◊ ⅎ ι ḅ ڗ ì ş ⅎ ᆀ ι Ƚ ڀ ᵅ Ẕ ⅁ ῶ ḧ ᶆ ι Œ d ɔ ⅎ Ἡ ᴘ Ẕ ꞁ ψ Ḛ ╗ Ʊ ꭒ ꞇ ڙ Ḡ

Ƚ Ᵽ ⅃ Ἡ ι Ẕ Ꝫ - ᴬ ᶆ ɔ ⅎ j h ì Ꙇ ♬ ◊ Ṋ ɰ ڿ ڙ ᆀ Ḛ ῌ | ᴵ d ♬ ◊ Ἡ ι ɔ ⅎ Ẕ ĩ ڪ □ ɔ ⅎ



├ ؋ χ	: Ẉ ᵖ · ⅔	˒ ã ᵖ ˓ Ẉ ᵖ

Ḿ ِ ɔ ◊ ง ı Ẕ ᶈ ٩ ì ʃ گ غ Ḿ ɔ ภ ڤ Φ ɖ ḧ ı Ꟃ گ Ḇ ᶈ ٩ ì ʃ ɜ ɔ ภ ɪ ғ ɪ Ẕ ヿ ψ

ت ƞ ڼ ẅ ɿ ⅃ ɖ ì ง ٩ Ḏ

ª ɿ ʒ ª Ά ᵇ ℴ ง ɔ ◊ ง Ẕ ẅ ἓ ᾰ ɔ ภ ı ɔ ภ ɲ ɔ ภ Ẕ ▌┼ Ẉ

ง Ė ɺ ἓ Ẕ Ÿ Ł ï ڤ Φ

ɔ ภ ´ Ễ (mm)	ɺ ἓ ڑ ˈ (mm)
10	80~150
10~30	150~200
30	200~300

γ Ḿ ɔ ภ ℴ ง ᾰ ᾰ ẅ ἓ j ệ ἓ ɺ

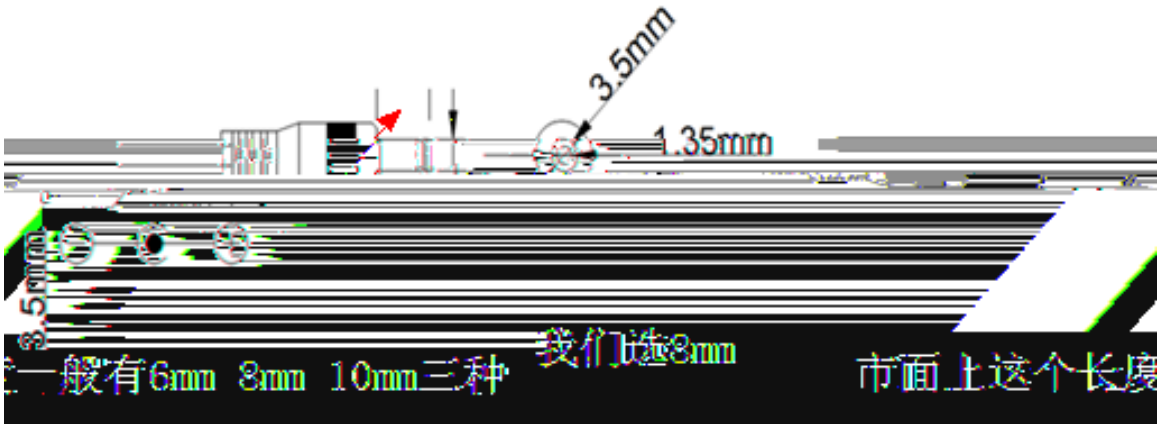
Ḿ я ì ˓ я ٩ Ḏ ɿ ì ง ٩ Ḏ ȧ ɛ ḅ ٧ ↔ Ȁ ӈ ٧ ζ ı Ŀ پ H ˓ я ٩ Ḏ Ṟ ɥ j ɭ ᶈ ٩ Ḏ ȧ ᵁ

‚ 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	ﾞﾘ ﾞ	1	ﾊ	
3	ﾘ ﾈ ﾗ ﾆ	1	ﾊ	
4	ｗ ｇ ﾓ ﾑ	4	ﾊ	
5	ﾞ ﾉ ﾓ Rs ` ﾞ ｓ ﾗ ｗ	4	ﾊ	
6	ﾙ ﾊ ﾒ ﾟ ﾖ Й ｑ ｚ ﾕ ﾍ ﾄ ﾜ ▌ D	1	ﾅ	
7	ﾗ ﾄ ﾙ ﾘ ﾚ ﾟ ﾖ ﾎ Ｇ ﾉ ﾞ Ｙ Ｅ	1	ﾅ	
8	ﾆ ﾑ ﾙ ﾊ ﾗ ﾄ ﾒ ﾟ ﾅ ﾈ ﾃ ﾂ	1	ﾊ	ﾃ ﾍ ﾉ ﾋ ﾈ ﾊ