RG-AP710(D)

V1.01

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ɖ ˧˩ У˦ ¯ Â

˦ ☼ ʌ˘ ˙ ɪ ` æ ɲ э ж a Лʊ˙ ɪ ˦ ɑ̈ ɷ̈ ⁸ ȁ ȁ ` ȁ ⁹ ȁ· ȁ ɛ ӹ ȁ ɛ ɷ̈ ˦ ɣ ى н Â

Лʊ Э ɕ̈ ѝ ى Â

˧˩ ɛ ӹ ى ʼĄ ى ˘ ˩ ж Â

ғ ӊ ث ȁ ⊨ ʌ ى н ˊ ˚ ɲ ˘ è ɷ̈ ˦ ӊ ث ȁ ⊨ ʌ a ɟ̈ ғ ᴳ ɟ̈ ɑ̈ Â ˊ ˚ ˧˩ ˘ ɑ̈ a ṁ˙ ɪ ɖ Â

ɣ ӊ ث ` ɛ ӹ ˥˧ ɟ̈ ɑ̈ ˛ a Â ɖ ɟ̈ ˙ ɪ ɑ Ю ɑ̈ ⁹ ¯ Â

ʼĄ Θ ɔ ѝ ᴳ Â ɟ̈ ɲ̃ ʼĄ ⊨ ɖ ɛ ɑ̈ ɲ ʌ ˘ ɲ a ɖ ʼĄ ɑ̈ ɷ̈ ˘ ʼĄ è ɐ ≠ a ˙ ɪ ɖ Â

G ӈ ث ̆ ̆Ą ѝ k ɞ ̆ ̉ Â

̆Ą ў Ӯ ɞ ӈ ث فخ ╖ Э ɲ Э У Ę ̆ k ɞ ȁ ȁ ̆ Ѫ ⅃ ɲ ئؤ
ɲ G ñ ‡ Â ɣ Э ą̈ ɞ з فخ ɲ ̆ ɛ́ У Â ̆ Í ӈ ث
̆Ω ɲ Â

ʿ http://www.ruijie.com.cn/

فخ ʿ http://webchat.ruijie.com.cn

ᒪ б يم ʿ http://www.ruijie.com.cn/service.aspx

7 ¦ 24 ᒪ ʿ 4008-111-000

عى ʿ http://bbs.ruijie.com.cn/portal.php

ʿ

1

RG-AP710(D) ǟ ȁ ǎ ȁ ȁ ȁ ى н ǫ̈ نج 802.11ac Wave2 ώ ˆ AP˜ ӊ ث˘ ɣ ˘ 2.4G ᵏ 300Mbps ώ ˘ 5G ᵏ 433Mbps ώ ˘ ᵏ 733Mbps ώ Â

1.1 RG-AP710(D)

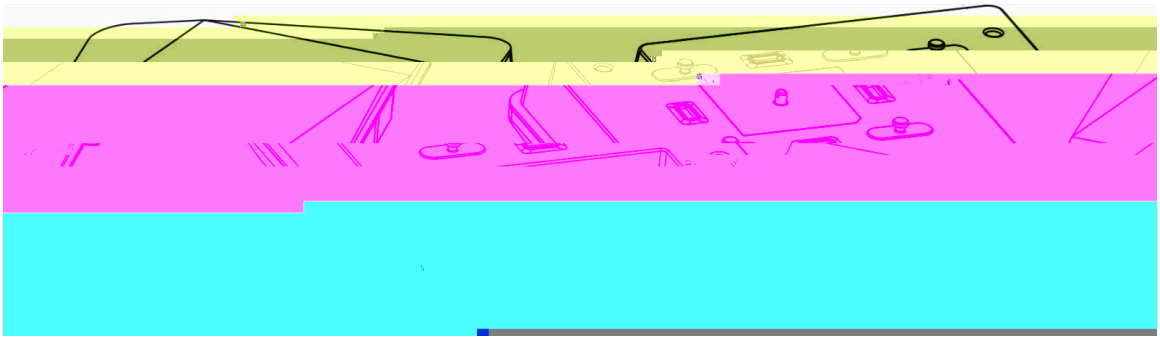
ˇ	
	2.4G ˊ √ 5G ˊ `
· ˜	ñ 802.11ac Wave2 ˜ ˘ ⁄ˇ ɔ فخ 802.11ac ṉ 802.11a/b/g/n
ɔ	802.11b/g/n ˊ 2.4G ~ 2.4835GHz 802.11a/n/ac ˊ 5G ˊ 5.150˙ 5.350GHz˘ 5.47˙ 5.725˘ 5.725˙ 5.850GHz (ˊ ɔ a ˇ ىى ⁄ ◻ ˜
شخ	ǫ̈
·	2.4G ᵏ ŕ Ȯ

	ẏ ‘ -40°C˙ 70°C
	ɔ ‘ 5 ˍ ˙ 95 ˍ ˆ ŭ ˜
	ẏ ‘ 5 ˍ ˙ 95 ˍ ˆ ŭ ˜
	ȁ5
	IP41
ώ	GB4943 ȁ IEC 60950-1
EMC	GB9254 ȁ EN301 489˜ EN50155˙ EN50121
╟	IEC61373
	ʌ ɴ ʌ ñ ȁ EN300 328 ȁ EN301 893
MTBF	>400000H

1.2 RG-AP710(D)

RG-AP710(D) ˆ ŭ̂ 2 ɜ ʌ ȁ 1 ɜ Ʌ ʌ˘ PoE ᵏ ȁ У ɜ Console ʌ˘ У ɜ ئؤ Â ɛ̀ Ю يي ‘

يي 1-1 RG-AP710(D) يي



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ŵ

Ŷ Micro USB Console

ŷ Reset

Ÿ

Ź LAN1/PoE ʌ

ź 5V ئؤ ώ ʌ

1.3 RG-AP710(D)

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Í	AP Э / ó ˘ ˇ ˇΩ Â	
3Hz	AP ˥ ◻ uboot	

Í	AP ˥ ◘ ў	ă
3Hz	AP ˥ ◘ ˘ ˧˥ down	
Í	AP ˥ ◘ ˘ ﻫﺫ CAPWAP	ă
3Hz	AP ﻫﺫ Ю ˘ a Ю	
Í	AP ɔ˘ CAPWAP ˘ ˧˥ ώ	ă
3Hz	AP ɔ˘ CAPWAP ˘ ˧˥ ώ	
Æ	¥ 2S	í
	¥ 3S	˥

Ю‘

2

2.1

RG-AP710(D)

2.2

ȁ ȁ ᴇ ȁ ȁ ȁ ᴧ ˆ ـشخ ȁ ᴧ ᴧ ȁ ᴧ ˜ ᴧ ᴧ a ȁ ╟ ـئؤ
a ¯ ɣ AP ɔ˘ a ـفخ è Â

ـكم ˘ a ـفخ ـكم Â ɣ 500m˘ ˚ a
ɓ ɑ̈ Â

ш ـفخ ȁ ȁ ȁ ـكم Â ـفخ ˘ ɐ , ɲ ɐ
˘ ´ Ą ȁ ȁ ـكم ȁ ـكم ȁ ᴇ ȁ Ɉ ـثز ˘ ´ ɐ ـهم ـكم Â

2.3

ـفخ ɨ , ȯ ╟ Â

╟ ǯ ɱ ˜Ω ˘ ɲ Â

2.4

ɔ ˘ ـفخ ـكم ɲ Â ˜Ω ɔ ӝ Ɯ ɛ́ ɔ н Â

ɾ ɔ ˋ ـهم ɑ̈ ʊ̈ ـفخ ـفخ ˜ ˘ ـكم ʊ̈ Â

ـفخ ɱ˘ ـفخ ɑ̈ ˜Ω æ ˘ ᴧ ˘ ”Ɪ˛ ˜Ω Â

˜Ω ˘ У ɾ Â

a ـفخ ـكم ˘ ≠ a ᴇ ώ ᴇ ɑ̈ Â

AP ɔ ـكم a б ᴇ ـكم ɲ ـكم ´ ˘ ᴧ Â

ᴧ ᴧ˘ ᴧ ᴧ˘ ˘ ╗ Â

2.5

RG-AP710(D) فخ ą̈ ᴳ Â ѝ ɖ ɔ ɲ ᴳ Ѣ˘ نج Ю ‟ Â

2.5.1

فخ è˘ فخ è˘ έ Â

Æ يز˘ RG-AP710(D) ⅃ ὲ ˇ Â

Æ ˊ RG-AP710(D) ˘ ṃ ɨ ʌ У ˘ Ѣ ¯ ɣ ˘ ˚ Æ
لجي 2m Ѣ Э Æ ˘ ɖ ц ǯ ṃ a ̥ Â

2.5.2

RG-AP710(D) ѝ ˘ فخ ɖ ṃ ɨ ʌ У ˘ Ѣ ¯ ɣ Â

2.5.3

ѝ ɖ RG-AP710(D) ɔ ɲ ᴳ Ѣ˘ ɔ У ɲ Â ɔ ɣ a ˊ ȁ
˘ ̥ سهـ Â

ɣ ˘ a ˘ Â ≠ ʌ ⅃ ◻ ȁ ˇ
Â

ɣ æ ˘ ̥ ˘ ˚ ɥ ˘ ˜ Э Â

ɣ ˘ ‡˜ ˘ ̥ ᴳ ʌ æ˘ ̥ ط Ѣ˘ ╗ ◻ Â

RG-AP710(D) ȁ Ю ‘

ɔ	ɔ
-10 C-50 C	5%-95%

2.5.4

У ˜ Â ą̈ فخ ᴇ Э˘ ʌ Ѣ ⁵ ˘ ᴳ a ˘ ὲ فخ ą̈ Ḷ
æ ą Ю˘ ⁵ ˘ a ת ̥ ط Ѣ˘ ɜ ą Â ą̈ ȕ ⅃ Ю
Â

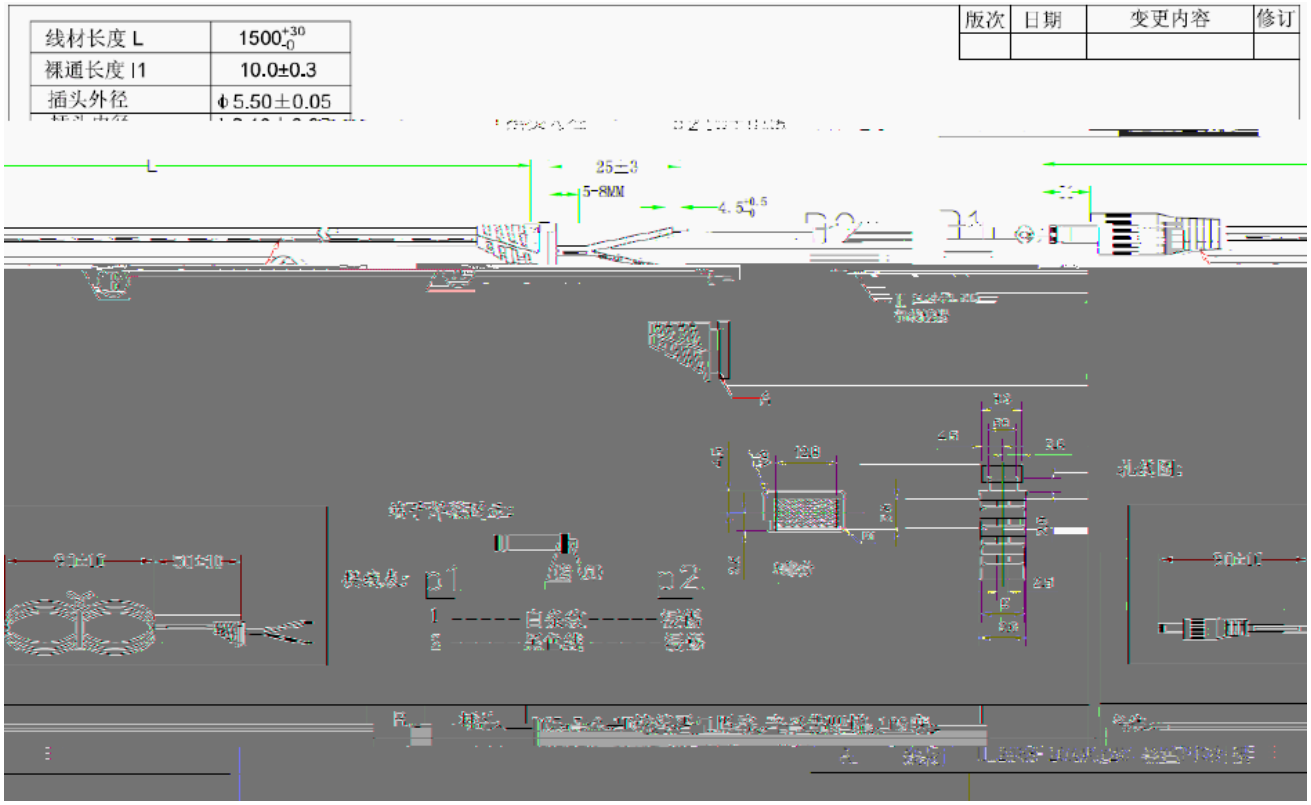
(ë m)	0.5	1	3	5

γ ◘ SO_2	0.2	1.5
◘ H_2S	0.006	0.03
γ ◘ NO_2	0.04	0.15
NH_3	0.05	0.15
Cl_2	0.01	0.3

2.5.5

ئۇ ώ ˋˊ DC5V/3A˘ ╖ 15W Â ئۇ Юيي Â

ᾳ̈		ώ	
2.10+/-0.05mm	5.50+/-0.05mm	10mm	ᾳ̈ ˆ a ˊˊ ᾶ˜



PoE ώ ئۇ ˊ ˊ 802.3af/802.3at ñ PoE ώ ئۇ Â

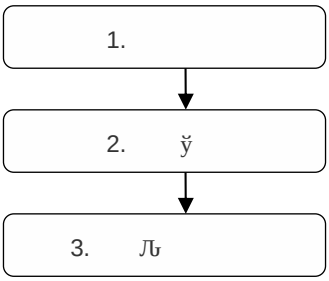
	RG-AP710(D)	15W
PoE		

2.5.6

3

RG-AP710(D) ʻʻ AP ɔ ɣ ą̈ˇ ɜ ɟ G Â

3.1



3.2

RG-AP710(D) ṃ æ ȁ ȁ k ɯ Ɑ , ɲ Â ṃ ЉЮ ύ ʻ

k Љ ɥ ث Â

ɲ Â

ɲ Â

ˇ ˥ Â

Â

هم Â

ɣ ж k ˇ فخ ṃ ŭ ˊ ж k Â

3.3

ѝ ɖ AP ɔ ɲ G Ƀˇ ÿ ЉЮ Y ʻ

ˇ a k Â

ɣ Â

ȯ ɣ Â

ϟ Â

فخ ą̈ Â

ầ نج Â

ɖ ˘ Â

فخ m̩˘ ’I ЮÂ

a Â

a ᴇ Â

a فخ ɔ Â

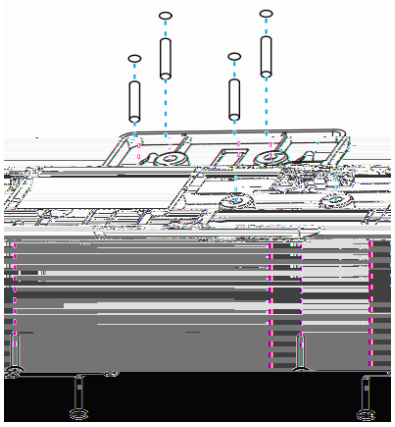
يز يز Â

3.4

5

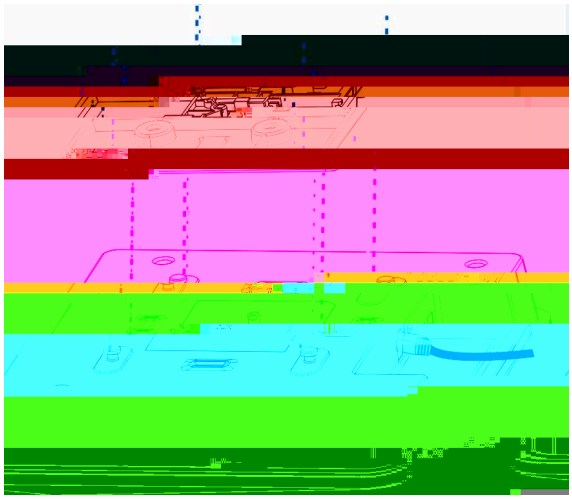
1) فخ Э 4 э 6mm ˘ è ѝ 53mm˘ فخ è ώ p يز ɨ˘ p ώ يز Â

يي 3-1 5



ў ɨ ñ Â

يي 3-1 AP ñ



Э ˊ ǟ ў ώ ą̈ Â

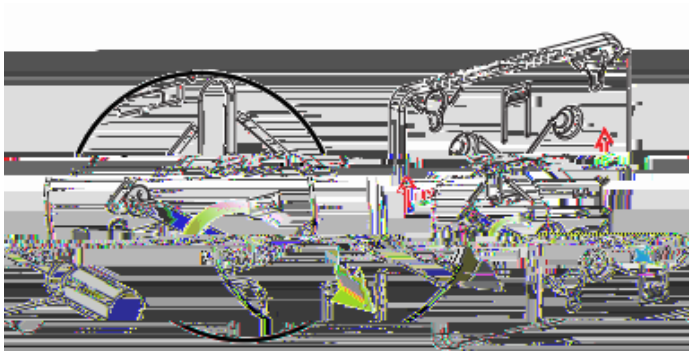
يي 3-2 AP ώ

RG-AP710(D)

فخ Э 4 э 6mm ˘ è ѝ 53mm˘ Э ǟ Э˘ فخ è ώ p يز
ɨ˘ p ώ يز Â

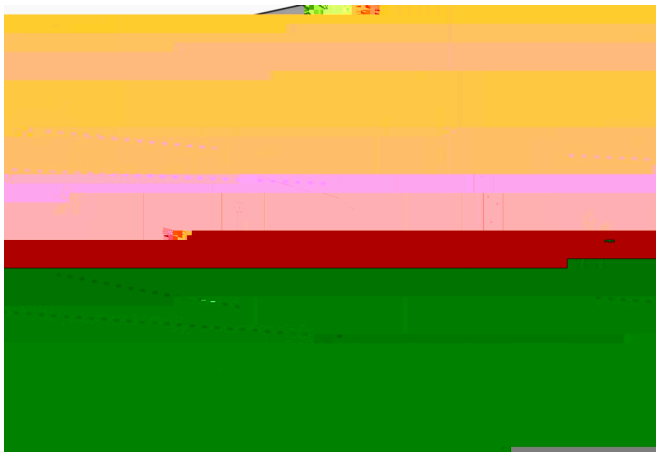
يي 3-3

يي 3-6 í



2) ў ɨ ñ ˘ Э ⁄ı ǟ Â

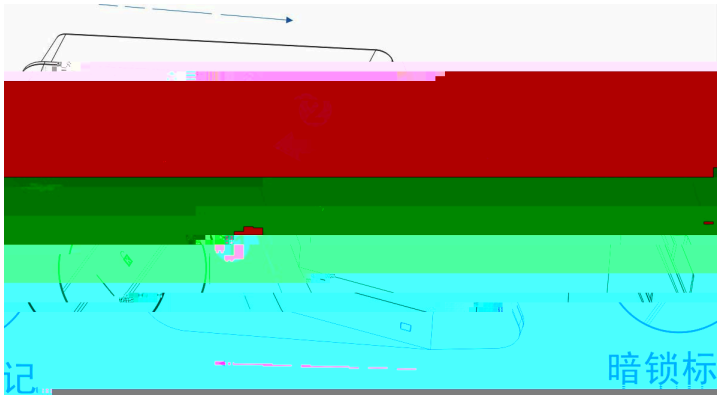
يي 3-7 AP ώ



3.6

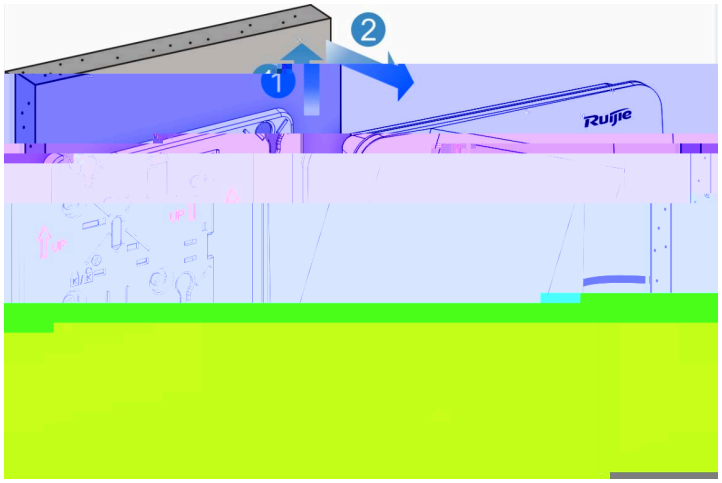
1) í ˘ ṃ в ˆ ruijie ˘ ǟ ӊ ث ˜ ˘ э تم
ǟ ╟’ ↾ ⁝ فخ AP э تم ώ ˘ ↾ ɨ ώ ’ ώ ɨ ǖ↾ h صح
˘ з ‡ ╖ Â

يي 3-9 ώ



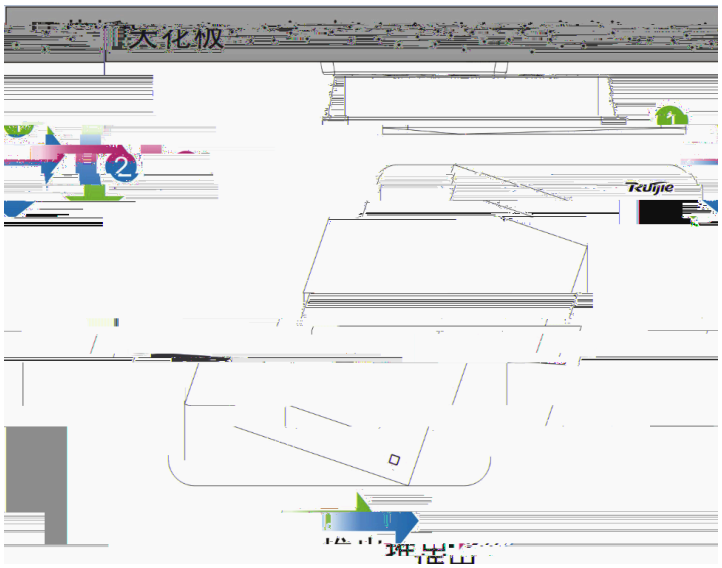
ɣ ˘ в ў ч ˇ ˇ ὲ ⅄ ἃ Â

يي 3-10 AP Ю



ɣ5 ˘ в ў ч ˇ ˇ ὲ ⅄ ἃ Â

يي 3-11 AP Ю



3.7

console	9600	8		1		AP
	RJ45	USB	USB	micro USB		

3.8

1)

3.9

˘ ˊ ŏ Â

ў ᵏ ˘ AP ⁄ ⅃ ɔ Â

4

4.1

ئۇ PoE ᵏ AP Э Â

ئۇ PoE ᵏ AP ᵏ ˘ ˘ ˊ ώ Â

√ AP б AC Â

PC б AP s √ ц ˘ PC ṉ PoE Ӈ ھۇ كه Â

4.2

ŭ Â

ᵏ ¥ ŭ б AP У Â

Э ɨ˘ Ю ˘ Љ ɖ ɨ ɔ ‘

AP Э ǯ ɨ˘ AC ŭ ˜ ą Â

AP ŭ Â

5

5.1

ﮊ RG-AP710(D) ¥ ˘ ⋀ ⋁ Â

CLI

RG-AP710(D) ˘ ﮊ AC ⋕ ⅋ ̃Ω ⋕ ⅋ ⋀ ą ⱡ Â

RG-AP710(D) Telnet RG-AP710(D)

AP ŭ Â

╟ ˘ б AP Â

ɣ , Ƶ ˧˩ Э, Ƶ ˧˩ ɑ Â

RG-AP710(D) ˘ ɣ Э˘ ɑ Э Ю Â
فخ ˆ a فخ ˆ كم ˜ Â ÿ ˘ ɑ
ˆ ȁ Ӈ ȁ æ ˜ Э Ю Â

ȁ ą ȁ يز ɨ˘ ɛ ´ ѝ 5˝ ЛЭ’ ɣ ɲ ύ
˘ ѝ 7˝ ЛЭ Â

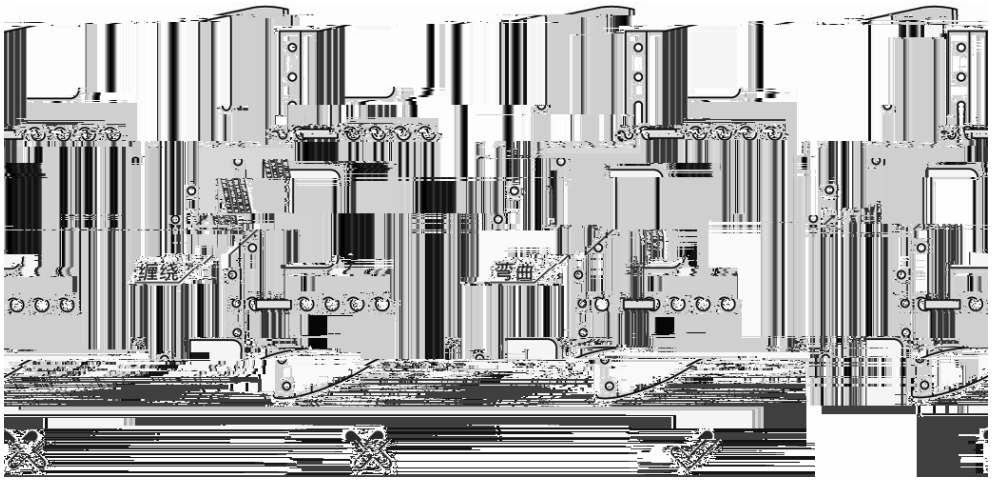
˘ يز ɨ˘ ɛ ´ ѝ 7˝ ЛЭ’ ɣ ɲ ˘ ѝ 10
˝ ЛЭ Â

ˆ SFP+ ˜ ɛ ´ ѝ 5˝ ЛЭ˘ ɣ ɲ ˘ ѝ 10
˝ ЛЭ Â

فخ ṃ ῇ فخ æ Э Â

فخ è ɨ˘ ȁ ˘ a ȁ Â D-1 Â

يي D-1 يي ˆ У˜



a˘ شخ ˆ ȁ ą ⅄ ȁ كم ˜ فخ è ˆ ȁ ˘ a فخ У Â ˘ ⅄
⅄ π Ӈ ⅄ Â ˘ ⊦ б ą ⅄ a ɣ 30mm Â

ᾷ ⅄ ‟I ˘ ¯ Â

έ ‟I ȁ ‟I ˆ ˜ بخ ˘ Â

⅄ ˘ a ᴳ ч ч ЛЭ ɨ ɣ Â

ɨ˘ м ˆ ⅔ ⅄˘ ˆ ⅄ ˘ a Â D-2 Â

يي D-2 يي̂ Y ˜

——— ———-

فخ ˘ فخ ḿ Â ก a فخ ̀ ̀ ̈ą˘ Лъ ȯ فخ è ӊ
Ғ˘ G Â يي D-3 Â

يي D-3 يي̂ Ь ˜

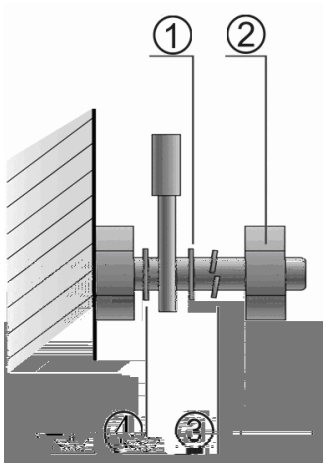
ұ فخ è˘ a ˘ ǐ ˘ è ۱ ˘ فخ æ Э Â
æ فخ è˘ a˚ ط ˘ a˚ |˘ Ӊ a˚ | æ Â

220V ȁ -48V a فخ ╟ ˘ Э Â

ұ ╟ ˘ ˘ ک ˘ ł У м ˘ Лъ ȯ ۱ Ғ’ ╟ ˘ ǐ æ
˘ ɖ м a˚ ǐ ȁ ȁ Â ȯ ˘ Â

يز ˘ è يز يز ˘ ۱ Â يي D-4 Â

يي D-4 يز يي



˙	ﺣﻤ	ﺣﻤ
		ﺣﻤ

ɣ ˘ فخ يز ˘ Ль فخ ˧˩ Э ң ⊦’

↓ يز Â

˘ У شخ ȁ ˘ У ȃ ˘ ᾰ ȁ Â

Ю Â

(mm)	(mm)
10	80~150
10~30	150~200
30	200~300

˙ ị a Â

ɣ ˧˩ ã ˧˩ ˆ ˜Ω ˘ ˘ ã ˧˩ ǂ a فخ Â