RG-AP710(D)

V1.01

copyright © 2018

copyright © 2018

ɖ ɻ Уʲ ¯ Â

ʲ ⁘ Ʌˇ ˙ ɪ ` æ ɒ э ж a Лъ˙ ɪ ʲ ɋ ŏ ⁸ à à ` à
ᵍ à· à è ы à è ŏ ʲ ɣ ы н Â

ЛъЭ ӷ̀ й ы Â

ɻ è ы ы ЎӘ ˘ ɻ ж Â

ғ ң ъ à ь ʎ н ˊ ˚ ɒ ˘ è ŏ ʲ ң ъ à ь Ʌ a ж
ғ ᴳ ɪ ǯ ɋ Â ˊ ˚ ɻ ˘ ɋ a ṁ˙ ɪ ɖ Â

ɣ ң ъ ` è ы ʎ ɪ˘ ɋ ˛ a Â ɖ ж ˙ ɪ ɑ Ю ɋ
ᵍ ¯ Â

ЎӘ ɔ й ᴳ Â ж ӈ Ў ғ ɖ è ɋ ñ Ʌ ˘ ⊓ a ɖ Ў ɋ ŏ
˘ Ў è ą ≠ a ˙ ɪ ɖ Â

G ң ث ̆ Ậ ѝ k ɷ ˚ ˛ Â

Ậ ў Ӯ ɷ ң ث ﬗ ╖ Э ɒ Э У ҆ ̆ k ɷ à à ̆ Ль ɻ ɒ ﬓ
ɒ G ñ ‡ Â ɣ Э ǫ̈ ɷ з ﬗ ɒ ˚ é У Â̊ Í ң ث
ℨ Ω ɒ Â

‘ http://www.ruijie.com.cn/

ﬗ ‘ http://webchat.ruijie.com.cn

ﻟ б ﻳﻢ ‘ http://www.ruijie.com.cn/service.aspx

7 ¦ 24 ﻟ ‘ 4008-111-000

ﻋ ‘ http://bbs.ruijie.com.cn/portal.php

‘

1

RG-AP710(D) ẗ à ẵ à à à ى н ϙ نج 802.11ac Wave2 ώ ˆ AP˜ ң ت˜ ɣ ˘ 2.4G ᵏ 300Mbps ώ ˘ 5G ᵏ 433Mbps ώ ˘ ᵏ 733Mbps ώ Â

1.1 RG-AP710(D)

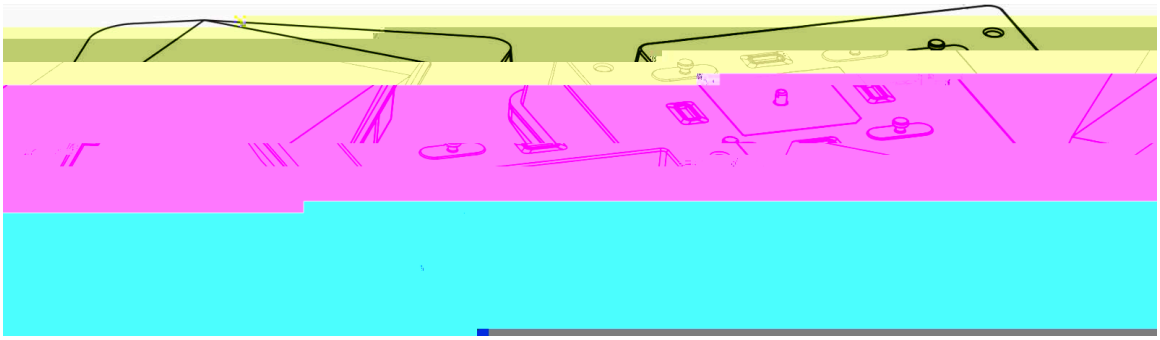
˅	
	2.4G˙ ۷ 5G˙ `
· ˜	ñ 802.11ac Wave2 ˜ ˘ ۸˚ ɔ ف 802.11ac n̲ 802.11a/b/g/n
ɔ	802.11b/g/n ˙ 2.4G ~ 2.4835GHz 802.11a/n/ac ˙ 5G˙ 5.150˙ 5.350GHz˝ 5.47˙ 5.725˜ 5.725˙ 5.850GHz (˙ ɔ a˚ یی ۸ ◘˜
شخ	ϙ
·	2.4G ᵏ ŋ Ò

	ẏ ‘ -40°C˙ 70°C
	ɔ ‘ 5 ˍ˙ 95 ˍ^ ŭ ~
	ẏ ‘ 5 ˍ˙ 95 ˍ^ ŭ ~
	ầ₅
	IP41
ŏ̆	GB4943 ầ IEC 60950-1
EMC	GB9254 ầ EN301 489ʊ EN50155ʻ EN50121
╟	IEC61373
	∧ ẖ∻ ∧ ñ ầ EN300 328 ầ EN301 893
MTBF	>400000H

1.2 RG-AP710(D)

RG-AP710(D) ˆ ŭ̈ 2 ɜ ∧ ầ 1 ɜ Л↻ ∧˘ PoE ᵏ ầ У ɜ Console ∧˘ У ɜ ŋ̂ Â è Ю

ي 1-1 RG-AP710(D) ي



‘

ŵ

Ŷ Micro USB Console

ŷ Reset

Ÿ

Ź LAN1/PoE ∧

ź 5V ŋ̂ ώ ∧

1.3 RG-AP710(D)

Ю˙

	Ⱨ	
Í	AP Э / ȯ ˘ ˚ ʖΩ Â	
3Hz	AP ⌉ ◘ uboot	

Í	AP ˥ ◘ ў	ă
3Hz	AP ˥ ◘ ˘ ⅄ down	
Í	AP ˥ ◘ ˘ ﬠ CAPWAP	ă
3Hz	AP ﬠ Ю ˘ a Ю	
Í	AP ɔ˘ CAPWAP ˘ ⅄ ώ	ă
3Hz	AP ɔ˘ CAPWAP ˘ ⅄ ώ	
Æ	ɣ 2S	í
	ɣ 3S	٦

Ю˙

2

2.1

RG-AP710(D)

2.2

à à ɛ à à à ∧ ^ ﺵ à ∧ ∕ à ∕ ˜ ↓ ↳ a à ╟ ﻭ
a ¯ ¥ AP ɔ˘ a ﻑ è Â

ﻙ ˘ a ﻑ ﻙ Â ¥ 500m˘ ˚ a
ɓ ă Â

ш ﻑ à à à ﻙ Â ﻑ ˘ ạ , ɲ ạ
˘ ˊ Ą à à ﻙ à ﻙ à ┣ à Ꮋ ﺵ ˘ ˊ ạ ﻙ ﻩ Â

2.3

ﻑ ɨ , ȯ ╟ Â

╟ ǯ ɱ ˇΩ ˘ ɲ Â

2.4

ɔ ˘ ﻑ ﻙ ɲ Â ˇΩ ɔ ж Ԝ é ɔ н Â

ɾ ɔ ↖ ﻩ ǫ ŭ ﻑ ﻑ ˜ ˘ ﻙ ŭ Â

ﻑ ɱ˘ ﻑ ǫ ˇΩ æ ˘ ∧ ˘ ″I′ ˇΩ Â

ˇΩ ˘ У ɾ Â

a ﻑ ﻙ ˘ ≠ a ɛ ώ ɛ ǫ Â

AP ɔ ﻙ a б ┣ ﻙ ɲ ﻙ ˊ ˘ ∕ Â

∧ ∕˘ ∧ ∕˘ ˘ ╖ Â

2.5

RG-AP710(D) ж ϙ G Â и ф ɔ p G Ƀ˘ ж Ю ‟ Â

2.5.1

ж è˘ ж è˘ é Â

æ ˘ RG-AP710(D) ˘ ɱ ɨ ʌ У ˘ Лъ ¯ ɣ ˘ ˚ æ
ﻲﺟ 2m Лъ Э æ ˘ ф ц ʒ ɱ a˛ Â

2.5.2

RG-AP710(D) и ˘ ж ф ɱ ɨ ʌ У ˘ Лъ ¯ ɣ Â

2.5.3

и ф RG-AP710(D) ɔ p G Ƀ˘ ɔ У p Â ɔ ɣ a ˊ à
˘ ˚ ﺱﺳ Â

ɣ ˘ a ˘ Â ≠ ʌ ʅ ◘ à ˚
Â

ɣ æ ˘ ˚ ˘ ˚ ң ˘ ~ Э Â

ɣ ˘ ‡ ~ ˘ ˚ G ʅ æ˘ ˚ ь Ƀ˘ ╗ ◘ Â

RG-AP710(D) à Ю ‘

ɔ	ɔ
-10 C-50 C	5%-95%

2.5.4

У ~ Â ϙ ж ɛ Э˘ ʅ Лъ ѕ ˘ G a ˘ è ж ϙ Ļ
æ ϙ Ю ѕ ˘ a ⊓˛ ь Ƀ˘ з ą Â ϙ ŭ ɻ Ю
Â

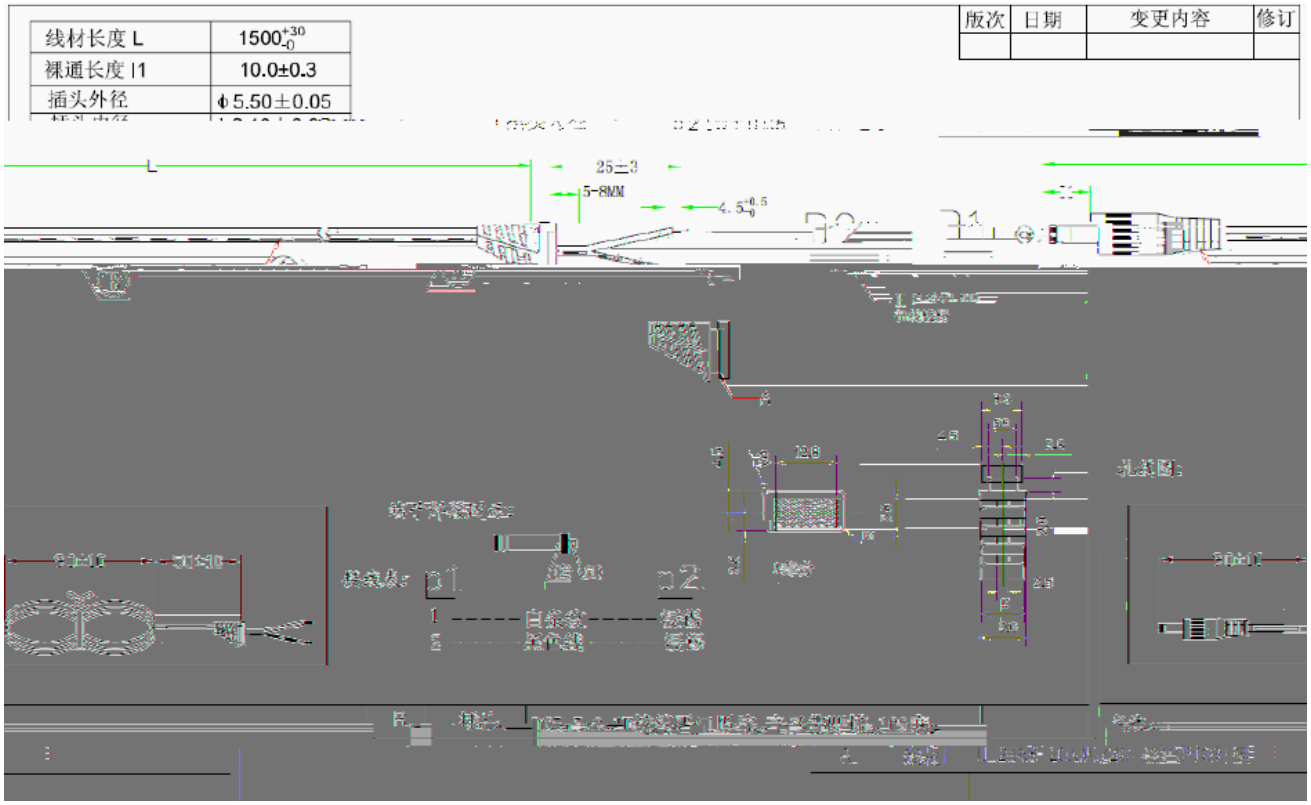
(ë m)	0.5	1	3	5

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

ΰί ώ Ч DC5V/3A ╖ 15W Â ΰί Ю ي Â

ά		ώ	
2.10+/-0.05mm	5.50+/-0.05mm	10mm	ά ^ a Л ă ˜



PoE ώ ΰί ΄ 802.3af/802.3at ñ PoE ώ ΰί Â

	RG-AP710(D)	15W

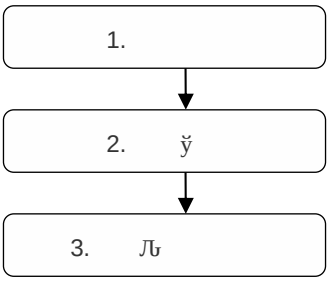
PoE

2.5.6

3

RG-AP710(D) ‟ AP ɔ ɣ ϱ˘ ɜ ɟɾ G Â

3.1



3.2

RG-AP710(D) ɱ æ à à k ɻ Ϙ , ɒ Â ɱ ЛЪЮ ύ ˈ

k Лъ ң ث Â

ɒ Â

ɒ Â

˘ ℼ Â

Â

ﻫ Â

ɣ ж k ˘ ﻫ ɱ ΰ ˊ ж k Â

3.3

ѝ ɗ AP ɔ ɒ G Ƀ˘ ÿ ЛЪЮ Y ˈ

˘ a k Â

ɣ Â

ó ɣ Â

Ч Â

ЖФ Ц Â

à ЖЧ Â

Ц ˘ Â

ЖФ Ш˘ ”I ЮÂ

a Â

a Е Â

a ЖФ Э Â

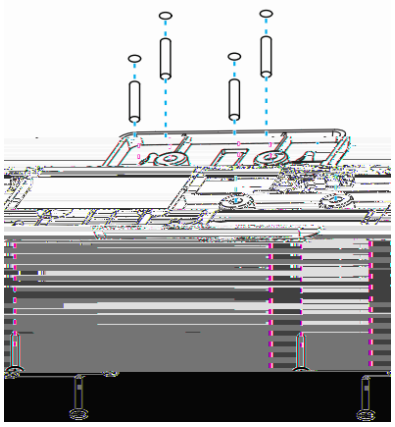
Яя Яя Â

3.4

5

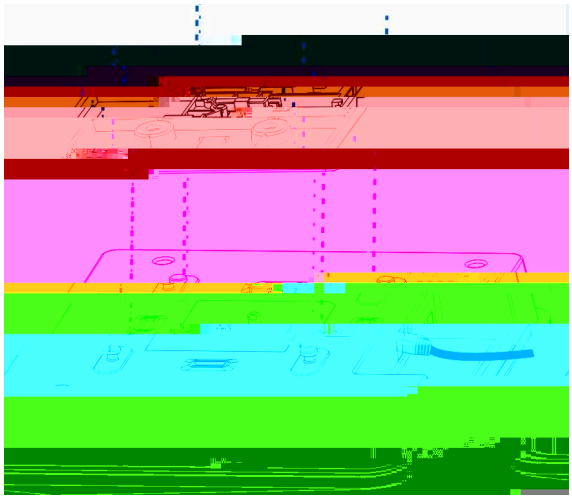
1) ЖФ Э 4 э 6mm ˘ è й 53mm˘ ЖФ è ώ p яя ы˘ p ώ яя Â

яю 3-1 5



ў ы ц Â

яю 3-1 AP ц



Э ﾍ ő ў ώ ϙ Â

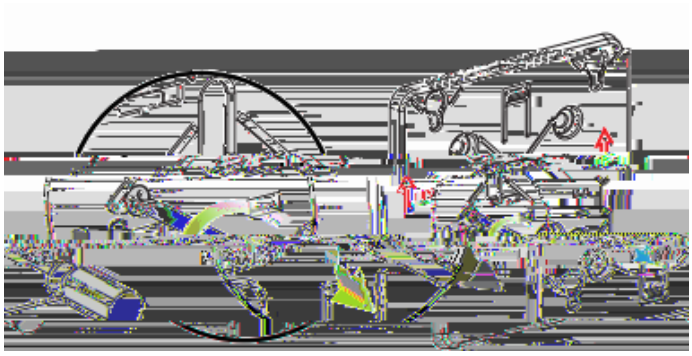
يي 3-2 AP ώ

RG-AP710(D)

ﻑ Э 4 ɜ 6mm ˘ è и 53mm˘ Э ő Э˘ ﻑ è ώ p ﻳ
ɨ˘ p ώ ﻳ Â

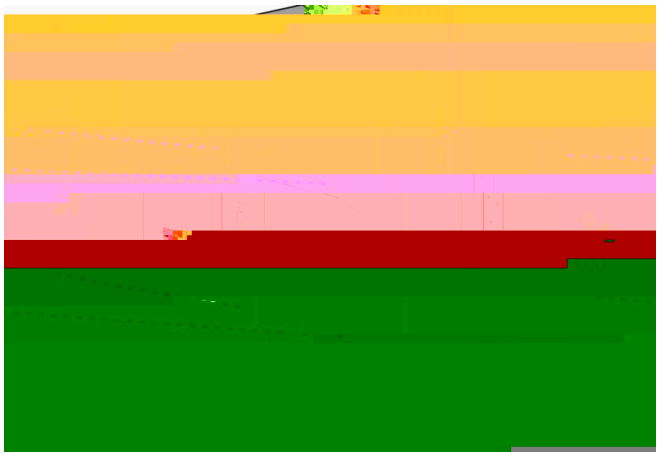
يي 3-3

يي 3-6 Í



2) ў ł ñ ˘ Э Л ă Â

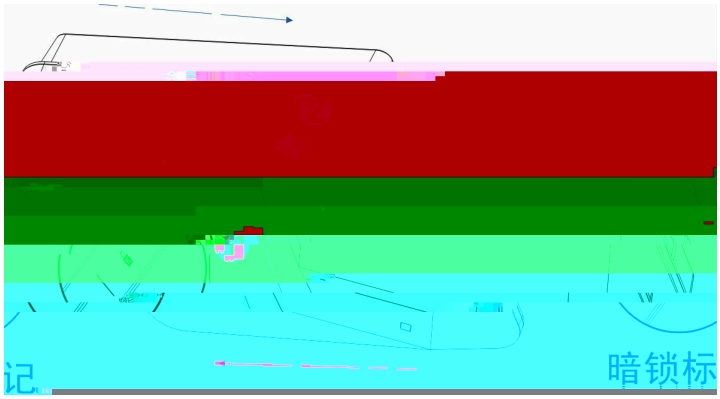
يي 3-7 AP ώ



3.6

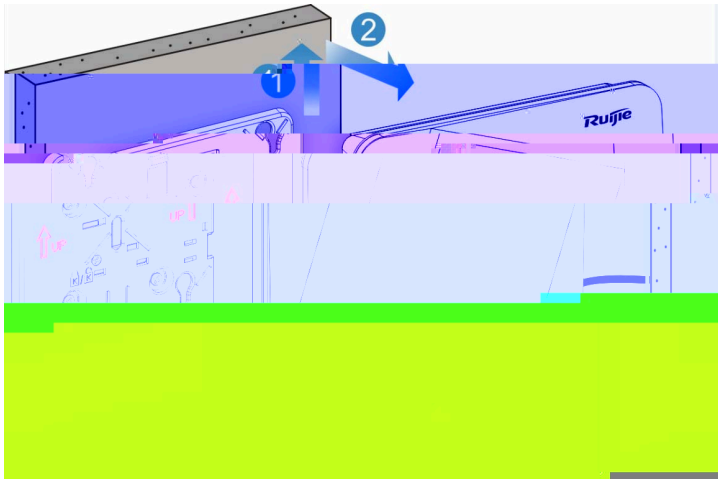
1) Í ˘ ɱ в ^ ruijie ˘ ă ң ث ~ ˘ تم э
ă ╠’ ĺ ⁞ ﻓﻅ AP تم э ώ ˘ ĺ ł ώ ’ ώ ł ŭ╢ h ص
˘ з ‡ ╖ Â

يي 3-9 ώ



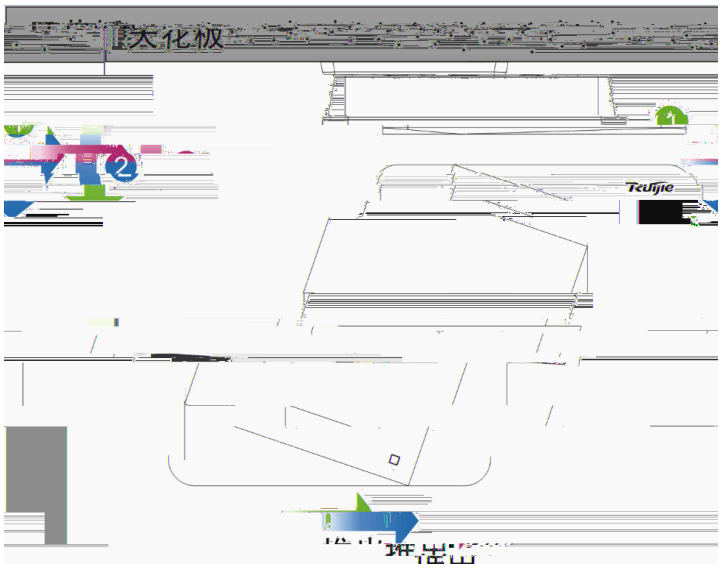
ɣ ˘ в ў ч ᵛ˘ è Л ᾶ Â

يي 3-10 AP Ю



ɣ⁵ ˘ в ў ч ᵛ˘ è Л ᾶ Â

يي 3-11 AP Ю



3.7

console	9600	8		1		AP
	RJ45	USB	USB	micro USB		

3.8

1)

3.9

˘ ˝ ŏ Â

ў ᵏ ˘ AP Л Љ ↄ Â

4

4.1

ﻮﺋ PoE ᵏ AP Э Â

ﻮﺋ PoE ᵏ AP ᵏ ˘ ˘ ˊ ŏ Â

√ AP б AC Â

PC б AP s ⁄ ц ˘ PC ɲ PoE Ӈ ﻪﺋ ﻢﻛ Â

4.2

ŭ Â

ᵏ Ч ŭ б AP У Â

Э ł˘ Ю ˘ Љ ф ł ɔ ˈ

AP Э ǯ ł˘ AC ŭ ˜ ą Â

AP ŭ Â

5

5.1

ﻩ RG-AP710(D) ¥ ˘ Л Ъ Â

CLI

RG-AP710(D) ˘ ﻩ AC Ƀ ҁ ˜Ω Ƀ ҁ Л ҷ ŋ Â

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

AP ŭ Â

╟ ˘ б AP Â

ɣ , Ль л Э, Ль л α Â

——

RG-AP710(D) ˘ ɣ Э˘ ɑ Э Ю Â

ɦɸ ˆ a ɦɸ ˛ ѫ ~ Â ÿ ˘ ɑ

ˆ ȁ Ҍ ȁ æ ~ Э Ю Â

ȁ ə ȁ ɨɀ ɨ˘ è ´ ɨ̀ 5˝ ЛЪЭ’ ɣ ɒ ŭ

˘ ɨ̀ 7˝ ЛЪЭ Â

˚ ɨɀ ɨ˘ è ´ ɨ̀ 7˝ ЛЪЭ’ ɣ ɒ ˘ ɨ̀ 10

˝ ЛЪЭ Â

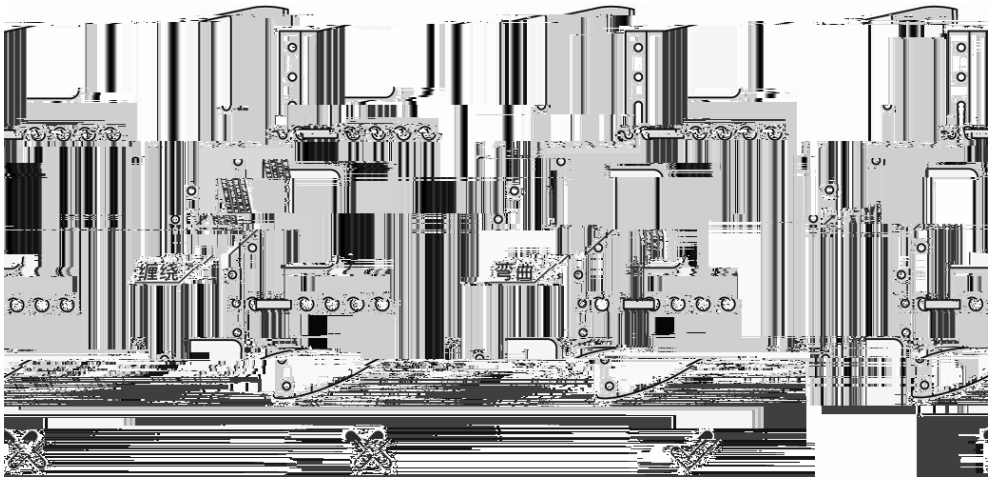
ˆ SFP+ ~ è ´ ɨ̀ 5˝ ЛЪЭ˘ ɣ ɒ ˘ ɨ̀ 10

˝ ЛЪЭ Â

ɦɸ ɱ ɱ̃ ɦɸ æ Э Â

ɦɸ è ɨ˘ ȁ ˘ a ȁ Â D-1 Â

يي D-1 يےˆ У~



a˚ ɧɯ ˆ ȁ ə ʎ ȁ ѫ ~ ɦɸ è ˛ ȁ ˘ a ɦɸ У Â ˘ ʎ

ʎ π Ҍ ʎ Â ˘ Ғ б ə ʎ a ɣ 30mm Â

ɸ̈ ʎ ˝I ˘ ¯ Â

é ˝I ȁ ˙I˛ ˆ ɮ ˘ Â

ʎ ˘ a G ч ч ЛЪЭ ɨ ɣ Â

ɨ˘ м ˛ ⅔ ʎ˘ ˛ ʎ ˘ a Â D-2 Â

يي D-2 يي ˜ Y

———— ————-

ﻑ ˘ ﻑ m Â ⊓ a ﻑ ˇ ˜ ˜ Ль ȯ ﻑ è ң
Ғ˘ G Â يي D-3 Â

يي D-3 يي ˜ Ь

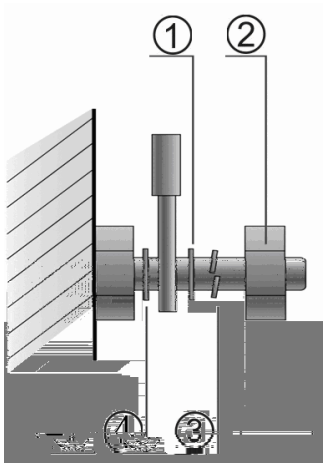
Ұ ﻑ è˘ a ˘ ˛ ˘ è ˥ ˘ ﻑ Æ Э Â
Æ ﻑ è˘ a˛ ط ˘ a˛ |˘ Ң a˛ | Æ Â

220V à -48V a ﻑ ╠ ˚ Э Â

Ұ ╠ ˚ ˘ ﻙ ˘ ł У м ˘ Ль ȯ ˥ Ғ’ ╠ ˚ ˛ Æ
˘ ɖ м a˛ ˛ à à Â ȯ ˘ Â

يز ˘ è يز يز ˘ ˥ Â يي D-4 Â

يي D-4 يز يي



' جس	جس
	جس

Ұ ˘ فخ يز ˘ Лъ فخ ۷ Э ң Ғ'

↓ يز Â

˚ У ښ à˚ У ă̈ ˘ ą̈ à Â

Ю Â

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

· ı a Â

Ұ Ч õ Ч ^ ˜Ω ~ ˘ õ Ч ĭ a فخ Â