RG-AP710(D) ώ

V1.01

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Ӓ Θ ɔ й ᴳ Â ж ӈ Ӓ ғ ɕ è ǫ ñ Л ˘ ⊓ a ɕ Ӓ ǫ ŏ
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Ậ ў Ӯ ɷ ң ث ﬕ ╖ Э ɲ Э У ҷ ˘ k ɷ à à ˘ Ль ɻ ɲ ﬓ
ɲ G ñ ‡ Â ɣ Э ǫ̈ ɷ з ﬕ ɲ ˚ é У Â ̊ Í ң ث
ʗ Ω ɲ Â

‘ http://www.ruijie.com.cn/

ﬕ ‘ http://webchat.ruijie.com.cn

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

7 ¦ 24 ᒧ ‘ 4008-111-000

عى‘ 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

	ý -40°C 70°C
	ɔ 5 95
	ý 5 95
	à5
	IP41
ŏ	GB4943 à IEC 60950-1
EMC	GB9254 à EN301 489 EN50155 EN50121
╟	IEC61373
	ʌ ɕɯʌ ŋ à EN300 328 à EN301 893
MTBF	>400000H

ˇ ℓ ¨Ḥ ά Å ˇ ɾ ˇ ¢

1.2 RG-AP710(D)

RG-AP710(D) ˆ ŭ 2 ɜ ʌ à 1 ɜ Лʊ ʌˇ PoE ᵏ à У ɜ Console ʌˇ У ɜ ŵ Â è Ю

ي 1-1 RG-AP710(D) ي

ŵ

Ŷ Micro USB Console

ŷ Reset

Ÿ

Ź LAN1/PoE ʌ

ź 5V ŵ ώ ʌ

1.3 RG-AP710(D)

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Í	AP Э / ȯ ˇ ˇ ˇΩ 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

‗ ∈ ت ˆ ά ϑ Ƙ Ő ő ‿ RG-AP710(D) ᵁ ɣ ɾ‿ , ¢

ɾ‿ , ɱ Ζ Ό ƺ Ɩ Ɋ ɾ Ϫ ¢

2.2

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a ¯ ɣ AP ɔ˘ a ƒø è Â

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₆ ă Â

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˘ ˊ Ą à à ѫ à ѫ à ┣ à Ꮋ ˘ ˊ ə ѫ ѧ Â

¯ ‿ ɟ ɾ ‿ ᵬ ℗ ϑ ɾ‿ ₳ ¢

2.3

ƒø ł, ȯ ╟ Â

╟ ǯ ɱ Ω ˘ ɒ Â

2.4

ɔ ˘ ƒø ѫ ɒ Â Ω ɔ ж Ш é ɔ н Â

ɼ ɔ ↖ ѧ ǫ ŭ ƒø ƒø ˜ ˘ ѫ ŭ Â

ƒø ɱ˘ ƒø ǫ Ω æ ˘ ∧ ˘ ˝I˞ Ω Â

Ω ˘ У ɼ Â

a ƒø ѫ ˘ ≠ a ɛ ώ ɛ ǫ Â

AP ɔ ѫ a б ┣ ѫ ɒ ѫ ˊ ˘ ⁄ Â

∧ ⁄˘ ∧ ⁄˘ ˘ ╖ Â

в Ă ȝ ¡ в ɾ ţ è ƺ Ɩ ṅ ṉ ţ ñ ገ ẗ ő Й ˆ ά ϑ Ƙ ¡ ڃ ɾ Ő ¢

₅ ṉ ọ’ ŭ ₅ ₅ ə Ŏ ¡ ţ ő ƺ Ɩ ˛ ↖ ڃ ¢

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

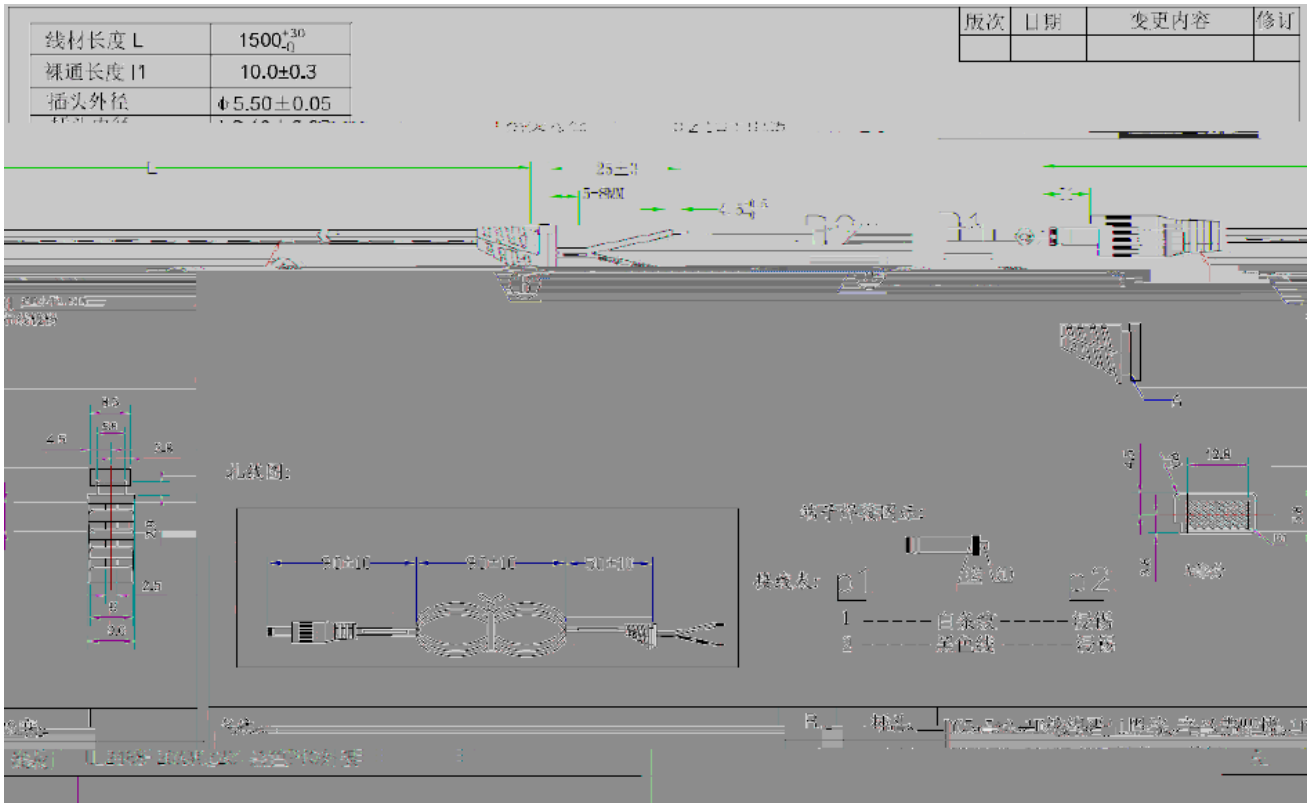
(ë m)	0.5	1	3	5

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

ϋΐ ώ Ч΄ DC5V/3A˜ ╗ 15W Â ϋΐ Ю ي Â

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



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

Γ μ ρ ΊΊ ΆΗ Ή Ύ ɾ ţ μ ρ ¢ RG-AP710(D) ɾ Γ μ ρ ΊΊ 15W ¢

Γ ţ Ų ţ ő ϱ p Ɛ Ω ـ ɾ ţ ـ ¢

PoE ϱ p ↕ ϱ Ɛ ɾ ¢

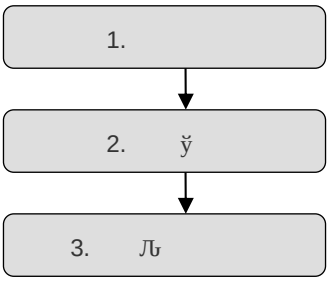
2.5.6

3

RG-AP710(D) ‟ AP ɔ ɣ ϑˇ з ɟɣ G Â

ɲ ɨ ᵁ ıı ʉ ɾ ɛ ő ıı ʉ ɾ ɨ ı ˌ و ¢

3.1



3.2

RG-AP710(D) ṃ æ à à ᵏ ɻ Ϙ , ɒ Â ṃ ЉЮ ύ ‘

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3.3

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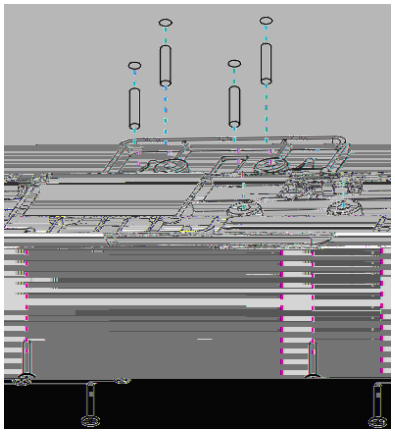
3.4

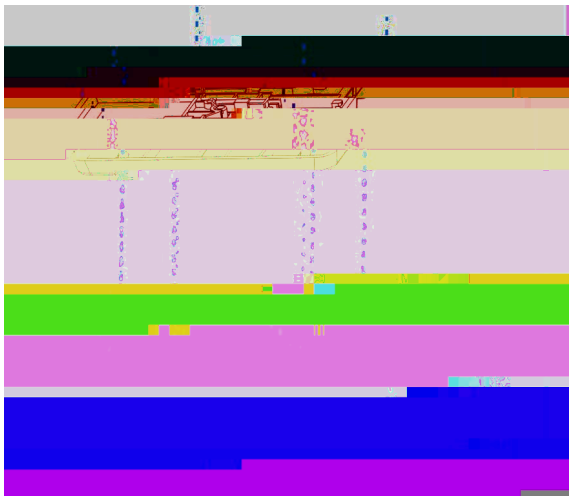
5

1) 4 6mm 53mm

3-1 5



3-1 AP



Э ⁄ ă ў ώ ą Â

يي 3-2 AP ώ

RG-AP710(D) ɪ Å ˜ ç ˜Ḥ š ᴅ ɪ ‿ ¢ ˜Ḥ Å ˜ ő ˝I ʐ Ş ⅃ ɾ ɪ א ″ ˜Ḥ^ š ᴅ ‿ ¢

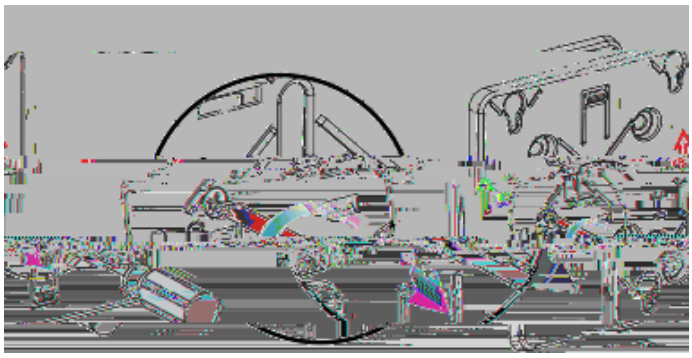
‿ ő ǫ Å ˜ ɪ ‿ ɾ ᵗ ᴅ ö ʙ i* ¢ ρʁ ″ ˜Ḥ i Å ˜ i ᵗ ئ ¢

‿ ˜H ő ` ѡ ˜Ḥ Ḃ Ÿ ▸* ő ث ت ▸* Ƙ ˜Ḥ ʁ ح ¢

فخ Э 4 ɜ 6mm ˘ è ий 53mm˘ Э ă Э˘ فخ è ώ p يز ɬ˘ p ώ يز Â

يي 3-3

يي 3-6 Í



2) ў ł ñ ˘ Э ∕ ă Â

يي 3-7 AP ώ

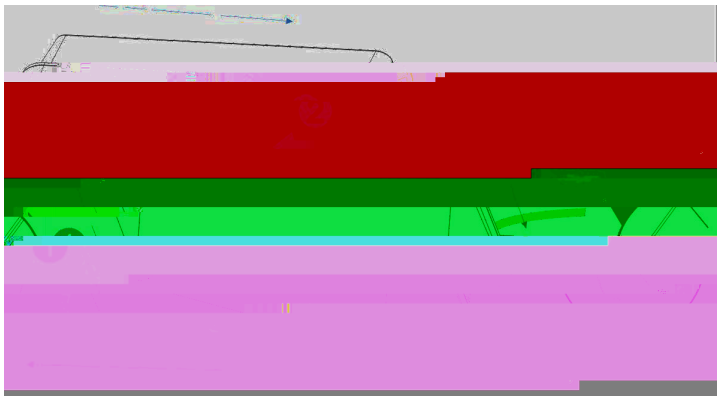
˝Ң ‣ Å ˜ ő ‿ ự ¢

˝I ę Ş ⅄ ő п Ḃ ‿ ð ⊤ ¢

3.6

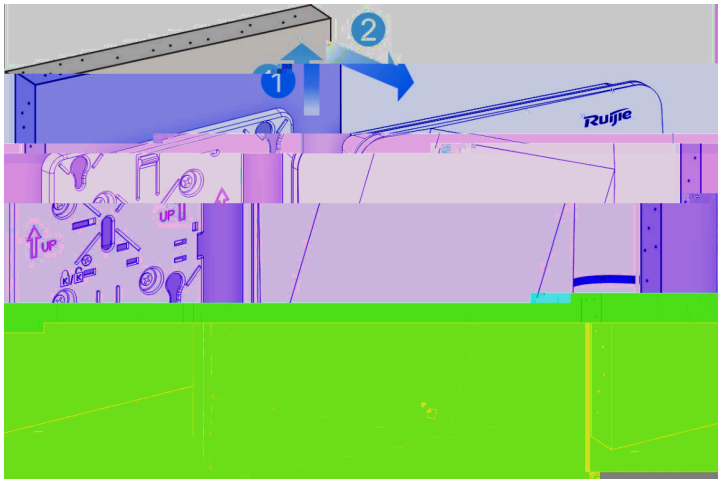
1) Í ˘ ɱ в ^ ruijie ˘ ă ң ث ~ ˘ تم ə
ă ╟’ ∫ ⁞ ﻑ AP تم ə ώ ˘ ∫ ł ώ ’ ώ ł ŭ∫ h ص
˘ з ‡ ╖ Â

يي 3-9 ώ



Ұ ˇ в ў ч ˅ˇ è Л ă Â

يي 3-10 AP Ю



Ұ5 ˇ в ў ч ˅ˇ è Л ă Â

يي 3-11 AP Ю

3.7

	console 9600 8 1 AP
	RJ45 USB micro USB

3.8

1)

3.9

˘ ˝ ŏ Â

ў ᵏ ˘ AP Л Љ ↄ Â

4

4.1

ﯾﯚ PoE ᵏ AP Э Â

ﯾﯚ PoE ᵏ AP ᵏ ˘ ˘ ´ ŏ Â

√ AP б AC Â

PC б AP s ⁄ ц ˘ PC ɲ PoE Ӈ ﯾﯚ ﻛﻪ 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

ϧϕ RG-AP710(D) ¥ ˘ Λ Л Â

CLI

RG-AP710(D) ˘ ϧϕ AC Ъ ϡ ЎΩЪ ϡ Λ ə ņ Â

RG-AP710(D) ç к ¨I ¢ ¨I ą Telnet ᴅ ' 2 ˛ RG-AP710(D)

AP ŭ Â

╟ ˘ б AP Â

ɣ , Ль л Э, Ль л α Â

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RG-AP710(D) ˘ ɣ Э˘ ɑ Э Ю Â

ɦɸ ^ a ɦɸ ǀ ѫ ~ Â ÿ ˘ ɑ

^ ȁ Ҷ ȁ æ ~ Э Ю Â

ȁ ə ȁ ɨɪ ɨ˘ è ´ ѝ 5‴ ЛЪЭ’ ɣ ɒ ŭ

˘ ѝ 7‴ ЛЪЭ Â

ɨɪ ɨ˘ è ´ ѝ 7‴ ЛЪЭ’ ɣ ɒ ˘ ѝ 10

‴ ЛЪЭ Â

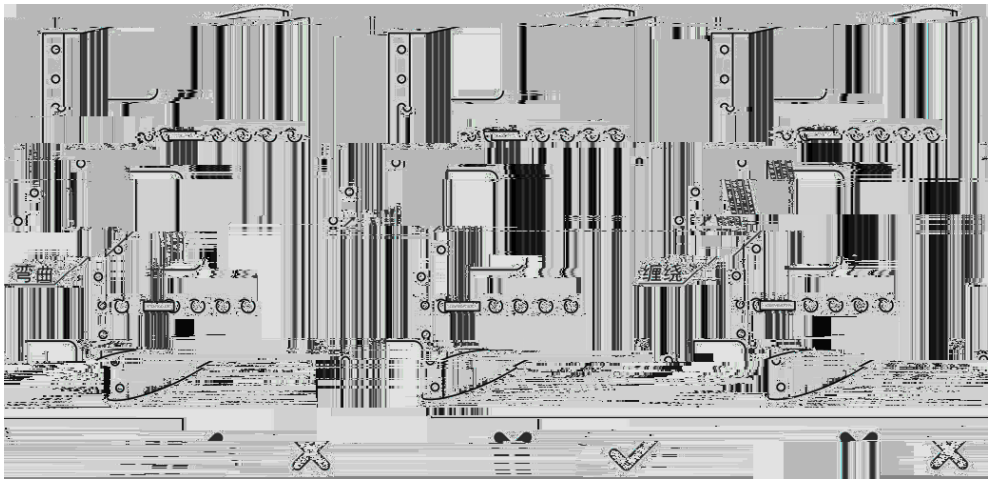
^ SFP+ ~ è ´ ѝ 5‴ ЛЪЭ˘ ɣ ɒ ˘ ѝ 10

‴ ЛЪЭ Â

ɦɸ ɱ ɳ̃ ɦɸ æ Э Â

ɦɸ è ɨ˘ ȁ ˘ a ȁ Â D-1 Â

يي D-1 يي^ У˜



a ɕɯ ^ ȁ ə ʎ ȁ ѫ ~ ɦɸ è ǀ ȁ ˘ a ɦɸ У Â ˘ ʎ

ʎ π Ҷ ʎ Â ˘ Ғ б ə ʎ a ɣ 30mm Â

ɸ ʎ ‴I ˘ ¯ Â

é ‴I ȁ ‵Iǀ ˆ ɮ ˘ Â

ʎ ˘ a G ч ч ЛЪЭ ɨ ɣ Â

ɨ˘ м ǀ ⅔ ʎ˘ ǀ ʎ ˘ a Â D-2 Â

يي D-2 يۍ ˇ ɣ

ڧ ˇ ڧ m Â ก a ڧ ‵ ‴ ˝ ˇ Лъ ȯ ڧ è ң
Ғ ˇ G Â يي D-3 Â

يي D-3 يۍ ˇ Ь

ұ ڧ è ˇ a ˇ ǂ ˇ è ﻝ ˇ ڧ Æ Э Â
Æ ڧ è ˇ a ˛ ط ˇ a ˛ ˇ Ң a ˛ Æ Â

220V à -48V a ڧ ╠ ˇ Э Â

ұ ╠ ˇ ˇ ک ˇ ғ У м ˇ Лъ ȯ ﻝ Ғ’ ╠ ˇ ǂ Æ
ˇ ɖ м a ˛ ǂ à à Â ȯ ˇ Â

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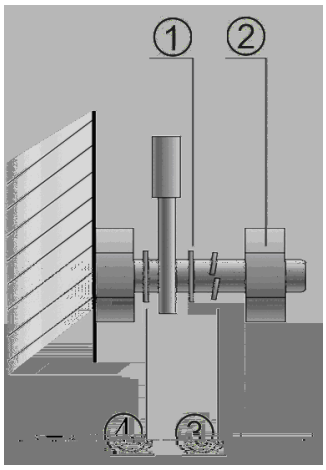
يي D-4 یز يي



Ұ ˘ ғҳ ҙ ˘ Л Ъ ғҳ ۷ Э ң Ғ

↓ ҙ Â

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Ю Â

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

˙ ı a Â

Ұ Ч ã Ч ^ ˜Ω ~ ˘ ã Ч ĭ a ғҳ Â