PLC 無線通訊橋

Model : WS-PLCMU700



Version History

Version	Date	Changes				
V0.01	08, July, 2024	1 st Edition				

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各部位介紹



連線設定方式

- 1. 請將設備開機,硬體自檢完成分配到 IP 位置後會透過語音發出本機的 IP 位置,如語音發出的 IP 位置並不是內網或是未報語音,請依照 20 頁 設備為固定 IP 時的變更方式步驟去搜尋設備 IP 及修改。
- 2. 開啟瀏覽器,將本機的 IP 位置依照 192.168.XX.XXX:8080 的格式輸入瀏覽器,即可開啟網頁進行設定。

使用 Chrome 範例:開機後語音發出 192.168.3.39 (代表設備分配到的 IP 位置),在瀏覽器輸入 192.168.3.39:8080,按 Enter 進入以下頁面:



- 3. 開啟網頁後點選 "Ethernet" ,可進入有線網路的各項功能設定:
- 4. 開啟網頁後點選 "WiFi" ,可進入無線網路的各項功能設定:

4-1 當 Network mode 設為 "Station" 時, SSID name 輸入要連線無線路由器的 SSID, Password 則輸入無線路由器的密碼。

- 4-2 當 Network mode 設為 "AP"時, SSID name 則輸入 WS-PLCMU700 設備的 SSID 名稱。
- 5. 開啟網頁後點選 "Pathway",可設定各種介面轉換的路徑:

如下圖,選擇 "Ethernet"和 "WiFi"時	·從"Ethernet"或	"WiFi" 輸入的所有數據	·都會透過 WiFi 或 Ethernet 發出	出:
Pathway				
Pathway 1: Ethernet ● WiFi ○ RS-485 ○				
Pathway 2 : Ethernet o WiFi 💿 RS-485 o			WS-PLCMU700	
	Apply Cancel	Ethernet		WiFi

6. 選擇 "RS-485" 和 "WiFi" 時,從 "RS-485" 或 "WiFi" 輸入的所有數據,都會透過 WiFi或 RS-485 發出:



7. 開啟網頁後點選 "Temperature" ,可進入主動式溫度標籤各項功能設定 (此功能需搭配溫度標籤以及 RF 通訊介面)。

	Tempera	ature	
Devi	ce ID: 0001		•
Read	ler Power:	1 dBm 💉	·
Sens	or Power:	1 dBm 🔹	·]
Resp	onse Time:	5 sec	~
Aları	m Temperat	ure: E	0

RS-485 有線連線設定方式

- 使用網頁設定本產品的 RS-485 有線網路功能:
- 1. 先在"Pathway"設定如下圖,選擇"RS-485"和"WiFi"時,從"RS-485"或"WiFi"輸入所有數據,都會透過WiFi或RS-485發

Щ°					
Pathway					
Pathway 1 : Ethernet \circ	WiFi \circ	RS-485 ⊚		WS-PLCMU700↩	
Pathway 2 : Ethernet and the statement of the statement	WiFi ⊚	RS-485 \circ	RS-485↔		WIFI↩
	A	pply Cancel			

2. 點擊網頁左側 "RS-485" ,可進入有線網路的各項功能設定 (目前僅支援 Baud rate 切換):

Status	RS-485
Ethernet	Baud rate: 115200 V
Wifi	Data hits:
RS-485	
Pathway	STOP DITS: 1 -
Temperature	Parity: None -
	Flow control: None ~

- 使用 sscom 連接本產品
- 1. 打開 sscom 頁面:

2. sscom 頁面開啟後畫面如右:

SSCOM V5.10a Serial data debugger,Author:XiXiaoMeng(Tintin),2618
 CommunicationPORT COM_Settings Display Terminal Multi_String



ClearI	lata Op	enFile								Sen	dFi
ComNum	COM4 USI	8 Serial	Port	•	Г	HEXSho\	SaveData	🔲 Recei	vedTol	File	Г
🍥 Cl	oseCom	Ċ.	More	Settings		PacketSho	<mark>«</mark> Packets	OverTime	: 20	ms	A
		BaudRat	1152	00 💌	Γ						
			5	SEND							

3. 上述步驟均設定完之後,打開"sscom",並選擇正確的序列埠(Serial port)以及"BaudRate",再點擊"OpenCom"進行連接:



RJ-45 有線連線設定方式

使用網頁設定本產品的 RJ-45 有線網路功能:

1. 先在"Pathway"設定如下圖,選擇"Ethernet"和"WiFi"時,從"Ethernet"或"WiFi"輸入的所有數據,都會透過WiFi或 Ethernet (RJ-45)發出。

	Path	way										
Pathv	vay 1:	Ethern	et 💿	WiFi o	RS-485 \circ					WS-PIC	411700	
Pathv	vay 2 :	Ethern	et o	WiFi 💿	RS-485 $_{\odot}$					WJ-FLCI	10700	ANGE .
						Apply	Cancel	Ċ	Ethernet			Win
2. 🖁	钻選網頁	頁左側	"Eth	ernet" ī	可進入有線	網路的各	項功能設定	ŧ:				
	_	Sta Ethe	tus rnet									
		W	ifi									
		RS-	485									
		Path	way	k								
		Tempe	ratu	re								

3. 以兩台本產品舉例:

	Enternet				Enternet	
IP Type: Staic (固定 IP)	IP Type:	Staic 🗸			IP Type:	Staic 🗸
IP Address:本產品的有線 IP (語音播報)	IP Address:	192.168.3.39			IP Address:	192.168.3.43
Subnet Mask: 子網路遮罩	Subnet Mask:	255.255.255.0			Subnet Mask:	255.255.255.
Cotomen 問送	Gateway:				Gateway:	
Gateway: 闸炬	Primary DNS Server:	114.114.114.114			Primary DNS Server:	114.114.114.1
Network Mode: 選 TCP	Secodary DNS Serve	119.29.29.29			Secodary DNS Serve	119.29.29.29
Network Protocol: 兩邊均選 Server	Network Mode:	TCP 🗸			Network Mode:	TCP 🗸
Remote Server:電腦 IP	Network Protocol:	Server 🗸			Network Protocol:	Server 🗸
Port Number: 連接端口可自己設定	Remote Server :	192.168.3.42			Remote Server:	192.168.3.42
	Port Number:	5000			Port Number:	5000
			Apply	Cancel		

* 補充說明:本產品 A RJ-45(如需設定固定 IP 則需接 PLC)。透過 WiFi 發給本產品 B, WiFi 再轉 RJ45 輸出(要設定固定 IP 接 PLC), 一邊要 設 WiFi AP Server, 另一邊 WiFi Station Client 當連線成功後, Client 要先發數據後 Server 才知道發回到哪裡。

使用 sscom 連接本產品:

1. 打開 sscom 頁面:



2. sscom 頁面開啟後畫面如下:

🚺 (Find the Newest v	version V5.13.1∴)	SSCOM V	/5.10a Seria	l data debu	-		Х
CommunicationPORT	COM_Settings	Display	Terminal	Multi_Strings	Tools	Help	

									~
ClearData OpenFile						Sen	dFile Sto	Р	🔽 Eng
ComNum TCPClient		-	HEXShov	SaveData	🔲 Receiv	edToFile	🔽 SendHEX	Γ	SendEvery:
Remot 192.168.3.39	5000	Connect	🔽 PacketSho	w Packets	OverTime:	3001 ms	Add Verify	/ to	Packet: Nor
Local 192.168.3.42	5000	Disconr	I						
		SEND							

3. 上述步驟均設定完之後,打開 sscom,並將 sscom 均設定為 "TCPClient":

ClearData OpenFile									
ComNu	TCPClient			•					
Remot	192.168.3.39		5000	Connect					
Local	192.168.3.42	-	5000	Disconn					
SEND									

Remot=無線通訊橋 IP

Local=電腦 IP

- 右邊數字=上面設定的連接端口
- 4. 按 "Connect" 連接,確認本產品燈號是否連接成功 (紅燈為異常,黃燈為成功)



Wi-Fi 無線連線設定方式

使用網頁設定本產品的 Wi-Fi 無線網路功能:

1. 點選網頁左側 "Wifi" 可進入無線網路的各項功能設定:

	Wenshing Communication Module	Î
	MUDEL NAME: KJ4J (0 WIFI/K5-48J	
Status	Wifi	
Ethernet	Network Mode: Station X	
Wifi		
RS-485	SSID Name: test	
Pathway Temperature	Encrypt Type: WPA/WPA2 PSK -	
	AP Password: 12345678	
	IP Туре:	
	IP Address: 192.168.1.2	
	Subnet mask: 255.255.255.0	
	Network Mode: TCP -	
	Network Protocol: Client V	
	Remote Server IP: 192.168.1.1	
	Port Number: 5000	
	Alppy Cancel	-

- 2. 當 "Network mode" 設為 "Station" 時, "SSID name" 輸入要連線無線路由器的 SSID, Password 則輸入無線路由器的密碼。
- 3. 當 "Network mode" 設為 "AP (基地台)"時, "SSID name" 則輸入本產品的 SSID 名稱 (設 WiFi 基地台)。

Wifi	Wifi	Network Mode:基地台設 AP · 要連至基地台的設 station
Network Mode: Station ~	Network Mode: 🛛 🗸	SSID Name: 設定基地台名稱/要連至基地台的名稱
SSID Name: test	SSID Name: test	Encrypt Type: 加密類型,都設一樣
Encrypt Type: wpa/wpa2 psk 🗸	Encrypt Type: WPAWPA2 PSK -	AP Password: 設定基地台密碼/要連至基地台的密碼
AP Password: 12345678	AP Password: 12345678	IP Type: DHCP(動態 IP)
		IP Address: 此無線通訊橋無線 IP
	IP Address: 192 168 1 1	Subnet Mask: 子網路遮罩
Subnet Mack.	Subnet Mack.	Gateway: 閘道
	Cotowov.	Network Mode: 工作模式,都選 TCP
ualgway: 192.168.1.250	Udlowdy: 192.168.1.250	Network Protocol: 基地台選 Server/要連至基地台的選 Client
NCTWORK MODE: TCP -	NCLWORK MOUC: TCP ~	Remote Server IP: Station 端設 AP 端的 IP Address · AP 端都可
Network Protocol: Client ~	Network Protocol: Server 🗸	Port Number: 連接端口
Remote Server IP: 192.168.1.1	Remote Server IP: 192.168.1.2	
Port Number: 5000	Port Number: 5000	
4 以上步驟均設定完日連接成功後,	木產品 "ΔP" 會先報無線 ID,"St	ation"會再報"Station"的無線 IP,報完之後兩台木產品下圖紅
框處均會亮黃燈·代表 WiFi 已連	接成功。	



使用 sscom 傳輸本產品資料

1. 依照上述步驟設定完後,本產品 AP 與 "Station" 端各別使用 sscom 連接設定,例如:

Clea	rData	OpenF	ile		
ComNu	m TCPC	lient			•
Remot	192.168	3.3.39		5000	Connect
Local	192.168	3.3.42	-	5000	Disconn
				S	END

ComNum TCPClient
Report 192 168 3 43 5000 Guarant
Remot 132.100.3.43 JOOD Connect
Local 192.168.3.42 💌 5000 Discorr
SEND

2. 設定完後在右側輸入傳輸資料後,按 "SEND" 鍵傳輸資料,本產品另一端即可接收到資料,兩端可互傳:



3. 下圖以 192.168.3.23 與 192.168.3.39 互傳為例:

192.168.3.23 發出 ABCDEF:

🐘 (.: Find the Newest version V5.13.1.:)SSCOM V5.10a Serial data de... – 🍈 (∴Find the Newest version V5.13.1∴)SSCOM V5.10a Serial data de... – × CommunicationPORT COM_Settings Display Terminal Multi_Strings Tools Help CommunicationPORT COM_Settings Display Terminal Multi_Strings Tools Help [12:09:17.485]IN \> ↑ AB CD EF [12:09:17.423]OUT ∠ ⊙ AB CD EF ↓ | **ClearData** OpenFile ClearData OpenFile 🔽 Er SendFile Stop SendFile Stop 💌 🔽 HEXShow SaveData 🥅 ReceivedToFile 🔽 SendHEX 🥅 SendEvery 💌 🔽 HEXShow SaveData 🔽 ReceivedToFile 🔽 SendHEX 🔽 SendEvery ComNum TCPClient TCPC1: ComN ▼ PacketShow Packets OverTime: 3001 ms Add Verify to Packet: N Remot 192.168.3.39 5000 Conneo The lettlew Packets OverTime: 3001 ms Add Verify to Packet: No 5000 Connect Remo 192.168.3.23 ▼ 5000 Disconr 123456 ABCDEF Local 192.168.3.42 Local 192.168.3.42 • 5000 Discon SEND SEND ▲Q群满员了,没有第二个群.★合宙高性价比4G模块 ★RT-Thread中国人的开源免费操作系统 ★ ★8KM远距离WiFi司

▲Q群满员了,没有	第二个群 ★合	宙高性价比4G模	\$抉 ★RT-Thread中国人的开源免费操作系统 ★ ★8KM远距离WiFi可
www.daxia.com	S:3	R:0	TCPclient⊽∂Connected ▼LocalIP=192.168.3.42:55163->Rer

www.daxia.com S:0 R:3 TCPclient⊽&Connected ▼LocalIP=192.168.3.42:55164->Rer

 \times

🔽 E

192.168.3.39 發出 123456:

Image: A second sec	— □ × nas Tools Help	it (∴Find the Newest v	version V5.13.1)SSCOM	/5.10a Serial data de	
[12:09:17.485]IN \ ↑ AB CD EF [12:11:14.008]OUT ∠ ⊙ 12 34 56 ↓	^	12:09:17.423]OUT / ⊙AB CD I 12:11:14.039]IN \ ↑ 12 34 56		Terminar Muru_sungs	^
ClearData OpenFile Send	File Stop 🔽 E	ClearData OpenFile		SendFile	Stop F
ComNumITCFClient V HEXShow SaveData ReceivedToFile Remot 192.168.3.39 5000 Connect V PacketSlow PacketS OverTime: 3001 ms Local 192.168.3.42 V 5000 Discort 123456	▼ SendHEX SendEvery Add Verify to Packet: N	ComNum TCPClient Remot 192.168.3.23 500 Local 192.168.3.42 500 	V HEXShov Sav O Connect Discorr SEND	eData ReceivedToFile VS ackets OverTime: 3001 ms Add	<mark>endHEX</mark>
▲Q群满员了,没有第二个群. ★合宙高性价比4G模块 ★RT-Thread中国人的开源免费操作系 www.daxia.com S:3 R:3 TCPclient v♂Connected ▼LocalIP=192	统★★8000远距离WiFi可 .168.3.42:55164->Rer	▲Q群满员了,没有第二个群. ◀ www.daxia.com S:3	▲合宙高性价比4G模块 ★RT-Thu R:3 TCPclientで	read中国人的开源免费操作系统 ?Connected▼LocalIP=192.168	★ ★8KM <u>元距离</u> WiFi戸 .3.42:55163->Rer //

RS-485 與 RJ-45 透過 WiFi 互相傳輸資料

1. 以兩台本產品為例,不同的傳輸介面可以設定 WiFi 後透過 WiFi 進行傳輸:

Status	RS-485
Ethernet	Doud roto
Wifi	Dauu rale: 115200 ~
RS-485	Data bits: 🛛 🛛 🗸
Pathway Temperature	Stop bits: 1 -
	Parity: None ~
	Flow control: None ~

Status	Enternet	
Ethernet Wifi	IP Type:	DHCP
RS-485	IP Address:	192.168.3.22
Pathway Temperature	Subnet Mask:	255.255.255.0
	Gateway:	192.168.3.250
	Primary DNS Server:	114.114.114.114
	Secodary DNS Servei	119.29.29.29
	Network Mode:	TCP -
	Network Protocol:	Server ~
	Remote Server:	192.168.3.42
	Port Number:	5000

2. 以下為 RS-485 端作為 AP 端、RJ-45 端作為 Station 端:

Status	Wifi	Status	Wifi
Ethernet		Ethernet	Notwork Mode
Wifi	NETWORK MODE: AP -	Wifi	Nelwork moue:
RS-485	SSID Name: WENSHING	RS-485	SSID Name: wenshing
Pathway		Pathway	
Temperature	ENCRYPT I YPE: WPA/WPA2 PSK -	Temperature	EIIGTYJEL I YJE: WPA/WPA2 PSK -
	AP Password: 12345678		AP Password: 12345678
	IP Туре: онср~		IP Туре:
	IP Address: 192.168.1.1		IP Address: 192.168.1.2
	Subnet Mask: 255.255.0		Subnet Mask: 255.255.0
	Gateway: 192.168.1.250		Gateway: 192.168.1.250
	Network Mode: TCP~		Network Mode: TCP~
	Network Protocol: Server		Network Protocol: Client -
	Remote Server IP: 192.168.1.2		Remote Server IP: 192.168.1.1
補充說明:也	可設 RJ-45 為 AP 端、RS-485 🕯	端為 Station 端	•



4. RS-485 端發送 12345678,而 RJ-45 端接收到的資料:

[16:06:41.980]OUT∠ ⊙12345678↓

[16:06:42.130]IN ∖\ ↑ 12345678



ClearData OpenFile			
ComNum TCPClient		•	T HEXSI
Remot 192.168.3.22	5000	Connect	🔽 Packet
Local 192.168.3.42 🛛 💌	5000	Disconn	ABCDEFGH
	SEND		

5. 換 RJ-45 發 ABCDEFGH,而 RS-485 接收資料:

 $\substack{[16:12:02.901] \text{OUT} \swarrow \odot 12345678 \downarrow \\ [16:12:05.021] \text{IN} \searrow \uparrow \text{ABCDEFGH} }$

[16:12:03.131]IN ∖ ↑ 12345678 [16:12:04.981]OUT ∕ ⊙ABCDEFGH↓

ClearData OpenFile			Clea
ComNum COM4 USB Serial	Port 💌	HEXSh	ComN
CloseCom C	More Settings	✓ PacketS	Remo
RTS DTR BaudRat	115200 🗾	12345678	Local
	SEND		

	ClearData OpenFile	
XSh	ComNum TCPClient	HEXSho
<mark>cket</mark> S	Remot 192.168.3.22 5000 Connect	🔽 PacketS
678	Local 192.168.3.42 💌 5000 Disconr	ABCDEFGH
	SEND	

設備為固定 IP 時的變更方式

- 1. 將本產品插入電源及網路線 (連接電腦或區域網路)。
- 2. 請先安裝並執行 "Wenshing All in one NET tools" · 開啟後畫面如下:

arameters:				Setup via COM		
work mode:	MOD-SERVER-RTU] 🔽	Enable DHCP	Read via COM	Setup via COM	
Default Gateway:	192.168.001.001		Get Device IP	Read Factory	Set Factory	
Subnet mask:	255.255.255.000		Get Gateway IP	Restore Factory	Factory Setting	
Device IP:	192.168.001.002		Get DNS Server	Setup via NET		
Device port:	10006	$\overline{\checkmark}$		Search in LAN	Setup via NET	
Mac Address:	00-A5-89-C2-61-63		Enable DNS	Read Factory	Set Factory	
Destination IP:	192.168.001.003		First DNS server	Restore Factory	Factory Setting	
Destination Port:	10006	$\overline{\vee}$	202.096.123.223	Online Device		
Baud Rate(bps):	115200 -		Second DNS server	Device IP Mac Address	Version Type	
Data/Parity/stop:	8 • NONI • 1 •		202.096.123.223			
Delay Send(ms):	50 v ms (毫秒)	$\overline{\checkmark}$	DNS Website			
ID: 01 🗆 co	nnect 🔲 data 🔲 rese	et 🔳	sha.iejy.net			
Version : V42	Type NNZN	Ĩ				
-	Land De	Fault	Save Default			

3. 搜尋區域網路內的設備·點選 "Search in LAN"按鍵:

ameters:			Setup via COM	
vork mode:	MOD-SERVER-RTU 🔻	Enable DHCP	Read via COM	Setup via COM
efault Gateway:	192.168.001.001	Get Device IP	Read Factory	Set Factory
Subnet mask:	255.255.255.000	Get Gateway IP	Restore Factory	Factory Setting
Device IP:	192.168.001.002	Get Subnet Mask	Setup via NET	
Device port:	10006		Search in LAN	Setup via NET
Mac Address:	00-A5-89-C2-61-63	Enable DNS	Read Factory	Set Factory
Destination IP:	192.168.001.003	First DNS server	Restore Factory	Factory Setting
estination Port:	10006	202.096.123.223	Online Device	
Baud Rate(bps):	115200 👻 💟	Second DNS server	Device IP Mac Addr	ess Version Type
Data/Parity/stop:	8 🕶 NONI 🕶 🛛 🐨	202.096.123.223	192.168.003.080 00-A6-9C	-A0-0B-08 V20 NNZN-TCP232
elay Send(ms):	50 ▼ ms (毫秒) 💟	DNS Website		
D: 01 🕅 🕬	onnect 🔲 data 📄 reset 📄	sha.iejy.net		
/ersion: V42	Type NNZN			
	Load Default	Save Default		

4. 搜尋到設備後會顯示出該設備的 IP 位置:

Online Device			
Device IP	Mac Address	Version	п Туре
192.168.003.080	00-A6-9C-A0-0B-08	V20	NNZN-TCP232

5. 讀取網路設定參數:點擊兩次搜尋到的設備 IP 後,即會自動讀取目前的設定並在左邊 "Parameters"顯示出來:

arameters:					Setup via COM		
work mode:	TCP-CLIENT	• 🗸	Enable DHCP		Read via COM	Setup via COM	
Default Gateway:	192.168.003.250	1	Get Device IP		Read Factory	Set Factory	
Subnet mask:	255.255.255.000		Get Gateway IP	$\overline{\checkmark}$	Restore Factory	Factory Setting	
Device IP:	192.168.003.080	$\overline{\mathbf{v}}$	Get DNS Server		Setup via NET		
Device port:	08080	$\overline{\checkmark}$			Search in LAN	Setup via NET	
Mac Address:	00-A6-9C-A0-0B-08		Enable DNS		Read Factory	Set Factory	
Destination IP:	192.168.003.100	1	First DNS server		Restore Factory	Factory Setting	
Destination Port:	08080	1	000.000.000.000		Online Device		
Baud Rate(bps):	115200	•	Second DNS server		Device IP Mac Addr	ess Version Type	
Data/Parity/stop:	8 • NONI • 1 •	•	000.000.000.000	$[\ensuremath{ \checkmark }]$	192.168.003.080 00-A6-9C	-A0-08-08 V20 NNZN-TCP232	
Delay Send(ms):	50 v ms (毫秒)	1	DNS Website				
ID: 1 🗖 co	onnect 🔲 data 🕅 res	et 🕅	eer				
Version: V20	Type NNZN-TCP232						
	- i lord De	-f	Save Default				

6. 修改網路設定參數:在左邊 "Parameters" 修改為適合的設定,並按 "Setup via NET" 進行修改 (請注意:不可使用 Port 5978):

meters:				Setup via COM	
ork mode:	TCP-CLIENT 🔻	Enable DHCP		Read via COM	Setup via COM
efault Gateway:	192.168.003.250	Get Device IP		Read Factory	Set Factory
ubnet mask:	255.255.255.000	Get Gateway IP		Restore Factory	E Factory Setting
evice IP:	192.168.003.099	Get Subnet Mask		Setup via NET	
Device port:	5678			Search in LAN	Setup via NET
Mac Address:	00-A6-9C-A0-0B-08	Enable DNS		Read Factory	Set Factory
estination IP:	192.168.003.100	First DNS server		Restore Factory	Factory Setting
estination Port:	5678	000.000.000		Online Device	
aud Rate(bps):	115200 👻 📝	Second DNS server		Device IP Mac Addres	ss Version Type
Data/Parity/stop:	8 🔻 NONI 👻 🚺 👻	000.000.000.000	\bigtriangledown	192-168-003-080 00-A6-9C-/	40-08-08 V20 NNZN-TCP2
Delay Send(ms):	50 ▼ ms (毫秒) 📝	DNS Website			
D: 1 🗖 o	onnect 🔲 data 🔲 reset 🔲	eer			

7. 修改成功則會跳出下列提示:



8. 重新啟動:將本產品 WS-PLCMU700 拔除電源再重新插上,並再次點選 "Search in LAN" 按鍵、點擊兩次,即可搜尋到設備 IP 讀取網路設

定參數,確認網路設定是否正確:

arameters:					Setup via	COM	
work mode:	TCP-CLIENT	• 🔽	Enable DHCP			Read via COM	Setup via COM
Default Gateway:	192.168.003.250	$\overline{\mathbf{v}}$	Get Device IP			Read Factory	Set Factory
Subnet mask:	255.255.255.000		Get Gateway IP	$\overline{\mathcal{A}}$	F	Restore Factory	Factory Setting
Device IP:	192.168.003.099		Get Subnet Mask		Seturi	NET	
Device port:	05678					Search in LAN	Setup via NET
Mac Address:	00-A6-9C-A0-0B-08		Enable DNS			Read Factory	Set Factory
Destination IP:	192, 168, 003, 100	\checkmark	First DNS server		F	Restore Factory	Factory Setting
Destination Port:	05678	V	000.000.000.000		Online Devi	ice	
Baud Rate(bps):	115200	-	Second DNS server		Device	P Mac Addre	ess Version Typ
Data/Parity/stop:	8 • NONI • 1 •	-	000.000.000.000	\checkmark	192,168.0	003.099 00-A6-9C	-A0-0B-08 V20 NNZN-TO
Delay Send(ms):	50 ▼ ms (毫秒)	[]	DNS Website				
ID: 1 00	onnect 🔲 data 🔲 res	et 📃	eer				
Version : V20	Type NNZN-TCP232						

PC 有線網路設定固定 IP 方式

1. 設定 PC 網路參數:依照所設定的參數修改 PC 端對應的設定:

🕒 Wenshing All in	one NET tools			Internet Protocol (TCP/IP) 內容	<u>? ×</u>
Parameters:			Setup via O	一般	
work mode:	TCP-CLIENT 🗾 🔽			如果您的網路支援這項功能,您可以取	(得自動指派的 IP 設定。否
Default Gateway:	192.168.003.250	Get Device IP	Ri	則,您必須詢問網路系統管理員正確的	/IP 設定。
Subnet mask:	255.255.255.000	Get Gateway IP	Rei	○ 白動取得 IP 位址(○)	
Device IP:	192.168.003.099	Get Subnet Mask		- ○ 使用下列的 IP 位址③:	
Device port:	05678	Get Divb berver	Se	IP 位址①: 1	92.168.3.100
Mac Address:	00-A6-9C-A0-08-08	- Enable DNS	R	子網路遮罩(U): 2	55 . 255 . 255 . 0
Destination IP:	192.168.003.100	First DNS server		預設閘道(D):	92.168.3.250
Destination Port:	05678	000.000.000		€ 自動取得 DNS 伺服器位址(B)	
Baud Rate(bps):	115200	Second DNS server	Online Device	● 使用下列的 DNS 伺服器位址 (E):	
Data/Parity/stop:		000.000.000	✓ 192.168.00:	慣用 DNS 伺服器 (P): 1	92.168.3.250
Dolau Sond(mc)				其他 DNS 伺服器(<u>A</u>):	<u> </u>
		DNS Website			淮陛((V) 1
		leer			
Version : V20 1	Type NNZN-TCP232				確定 取消
📕 Updata All Onlin	e Device Load Default	Save Default			
			- /ml.		

2. 测試通訊:PC 端執行 "TCP Server" 軟體並設定對應的 PORT 號,發送 AT 指令測試通訊是否正確 (請注意:不可使用 Port 5978):

		USITUF DUR AN	SSISTERING (V D. O)		<u> </u>
	Settings	- Data Receive		-	
	卫 1 字 Protocol	\[\] \[\] Receive from 192.168 \]	.3.99 : 5678▼니		
Wenshing All in one NET tools	TCP Server	+WenShing RFIDMini Hos	t Reader 1.00		
Parameters	卫 2寸 Local host IP			•	
	192.168.3.100				
work mode:	卫 3考 Local host por				
Default Gateway: 192.168.003.250	5678				
Subnet mask: 255.255.255.000					
Device IP: 192.168.003.099	Disconnect				
Device port: 05678	Recv Options				
	🗌 🥅 Receive to file				
Mac Address: 00-A6-9C-A0-08-08	🗌 🥅 Add line return				
Destination IP: 192.168.003.100	🗖 Receive As HEX				
Destination Port: 05678	🗌 🗖 Receive Pause				
Baud Rate(bps): 115200	<u>Save</u> <u>Clear</u>				
	Send Options				
	Data from file				
Delay Send(ms): 50 💌 ms (毫秒) 🔽	Auto Checksum				
ID: 1 Connect C data C reset C	Auto Clear Input				
	Send As Hex				
Version : V20 Type NNZN-TCP232	🔽 Send Cyclic	Peers: All Connec	tions 💌		
Updata All Online Device Load Default	Interval 1000 ms	AT+VER			1
	Load Clear				Send
	👉 Ready!	11	Send : 8	Recv : 37	Reset

Internet Update

- 1. 請先確認設備可以上網連接外部網路,開啟網頁後點選"Status"。
- 2. 在"Update Firmware" 點選"Online Update":



3. 待網頁跳出更新成功,請重新載入網頁並確認韌體版本:

Update Firmware RJ45 FW Version: V0.04 Online Update Webpage Update