# 工業級三頻 3G 模組 GTM-201-3GWA

## 快速上手手册

#### ◆ 包裝內容物清單

盒裝內容物應包含下列產品:

- > GTM-201-3GWA 模組一件
- > 快速上手手册(此手册)一件
- > 指南光碟一片
- > A型與B型USB連接線(CA-USB18) 一件
- > 3G/GSM 天線(ANT-421-02) 一件
- > GPS 天線(ANT-115-03)(僅 GTM-201P-3GWA 有此天線) 一件

#### ◆ 相關文件與實用軟體

- 》 操作手册:GTM-201-3GWA\_User\_Manual
- > 快速上手手册:GTM-201-3GWA\_QuickStart\_Manual
- CD: \napdos\3G\_Modem\GTM-201-3GWA\Manual
- http://ftp.icpdas.com/pub/cd/usbcd/napdos/3G\_modem/GTM-201-3G WA/manual/



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腳位圖



#### 重置系統接線圖





Timing of restarting the modem

◆ 連結 GTM-201-3GWA 和 PC



GTM-201-3GWA

➡ SIM 卡安裝和天線安裝





**步驟 1.** 點兩下 GTM-201-3GWA.exe 安裝驅動 **步驟 2.** 點 "Next"至下一步



## 步驟 3. 點 "Next"至下一步直到

#### 安裝完成 ₿Setup-GTM-20

p - GTM-201-3GWA	
	Completing the GTM-201-3GW/ Setup Wizard Setup has finished installing GTM-201-3GWA on your corr Click Finish to exit Setup.
	Einiah

步驟 4. 使 GTM-201-3GWA 的 USB 和 PC 連結 步驟 5. 彈跳出協助安裝的 "Found New Hardware Wizard" 提示視窗,請點選"Next"至下一 步。 總共有 5 項提示視窗 "GTM-201-3GWA Diagnostics" "GTM-201-3GWA NMEA" "GTM-201-3GWA AT Port" "GTM-201-3GWA Modem" "GTM-201-3GWA Wireless HS-USB Ethernet Adapter"

🕏 Setup - GTM-201-3GWA	
	Completing the GTM-201-3GWA Setup Wizard Setup has finished installing GTM-201-3GWA on your computer. Click Finish to exit Setup.
	Finish

步驟 6. 完成所有安裝步驟後請 開啟 "Device manager",將可見 已新增五個項目,如下圖所示:



## ◆ 快速測試 (Hyper Terminal)

步驟 1. Start → All Programs → Accessories → Communications → Hyper Terminal→輸入新連結 名稱,按"OK"。→選擇您 USB 介面的"GTM-201-3GWA AT PORT"或連接 GTM-201-3GWA RS-232 介面的電腦串列埠→點 "OK"。

🍫 TEST - HyperTerminal
File Edit View Call Transfer Help
D 🚅 🞯 🌋 🕒 🛅 😭
Connect To
Stest Stest
Enter details for the phone number that you want to dial:
Country/region: United States (1)
Area code: 07
Phone number
Connect dang: COM1

步驟 2. 請參考下列數值設定

Bits per second	115200
Data bits	8
Parity	None
Stop bits	1
Flow control	None

步驟 3. File→ Properties→ Settings→點 "ASCII Setup..."→ 勾選 "Echo typed character locally" →OK 步驟 4. 輸入"AT"按 "Enter"可接 收到 "AT OK"。

## ◆ 在 PC 上建立新數據機連 結(for RS-232 dial-up)

步驟 1. Control Panel→點兩下 "Phone and Modem Options"→ Modem→點 "Add"開始新增 步驟 2. 選 "Standard Modem Types"→選 "Standard 19200 bps Modem"→點 "Next"至下一步 步驟 3. 選擇連接數據機的 COM Port→點 "Next"至下一步→點 "Finish"完成新增



步驟 4. Control Panel→點兩下 "Phone and Modem Options"→ Modem→選 "Standard 19200 bps Modem"→點 "Properties" 步驟 5. Control Panel→點兩下 "Phone and Modem Options"→ Modem→點選 "Standard 19200 bps Modem"→點 "Properties"→ Modem→於 Maximum Port Speed 欄位選取數值 115200。如 下圖所示:

ort: COM1		Advanced D	river	
Speaker volu	me			
Lov	v 📮	— High		
Maximum Pe	l'Opeeu			
( 115	5200	~		
-	-		2.	
Dial Control				
<u>\</u>	Vait for dial tone b	efore dialing		

步驟 6. Advanced →輸入額外的 撥號指令,如下圖: 備註:GPRS 的 APN 由您當地 的電信業者提供。 例如: 在台灣即輸入: AT+CGDCONT=1, "IP", "INTERNET" 在中國大陸輸入: AT+CGDCONT=1, "IP", "CMNET"



步驟 7. Diagnostics → Query Modem →點 "OK" 備註:如果出現錯誤訊息請再試 一次。



#### 步驟 8. 點"OK"



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步驟 3. 填入您的 GPRS 名稱→ 點"Next" →輸入您的電話號 碼 →點 "Next" 至下一步 備註:電話號碼由您當地的電信 業者提供,例如台灣為\*99\*\*\*1#

ight need to include a function of the area code, or both. If you are not sure earline extra numbers, dial the phone number on your telephone. If you modem sound, the number dialed is correct. Cancel 步驟 4. 輸入您 GPRS 的帳號及 密碼→點 "Next" →點 "Finish"

備註:GPRS 的帳號密碼由您當

New Connection Wizard
Internet Account Information You will need an account name and password to sign in to your Internet account.
Type an ISP account name and password, then write down this information and store it in a safe place. [If you have forgotten an existing account name or password, contact your [SP.]  I definame: Password Confirm password Confirm password Confirm password Confirm password Confirm password Make this the default Internet connection Contact the Internet Connection Contact Contection Firewall for this connection Contact Contection Contact Contection Firewall for this connection Contact Contection Contact Contect
Back Next / Caliber

步驟 5. Control Panel→ Network Connections→點 "Your GPRS's name"  $\rightarrow$  File  $\rightarrow$  Properties  $\rightarrow$ General→選"Standard 19200 bps Modem"→點"Configure"。如下 圖所示:

Phone number	Cor	ifigure
Area code:	Phone number:	
	Alterr	nates
Country/region	i code:	v
Use dialing	rules Dialing	Rules

步驟 6. Maximum speed(bps)選 "115200"→取消勾選"Enable hardware flow control" (Note)→ 點"OK"

#### Note:



## 步驟 7. Control Panel→ Network Connections→ 點丙下 "Your GPRS's name"→點 "Dial"



步驟 8. 當您連線成功時,右下角 工具列會顯示新的連線成功圖 示。

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# 技術支援: 1. ICP DAS Service: <u>service@icpdas.com</u> 2. GTM-201-3GWA 軟件網站: <u>http://m2m.icpdas.com/gtm-201-3gwa.html</u>