

Hotlife Technology Inc.

HL-MD08A Bluetooth RS232 Adapter

設定手冊



一. 產品特色

CSR BC04 v2.0 + EDR Chipset

Bluetooth Specification v2.0 EDR

Supports Bluetooth Serial Port Profile (SPP)

Provides transparent RS232 serial cable replacement.

Supports Baud Rate 1.2k to 921.6k bps.

Easy to use Windows configuration tool available.

RS232 Interface 9pin D-SUB female DCE connector.

Supports UART interface.

Supports CTS/RTS hardware flow control.

True Plug-n-Play, no driver required.

Customized features support for pairing mode, device name, PIN code.

Supports Bluetooth SPP as a slave or a master.

Supports Bluetooth Auto Reconnect.

二. 產品規格

Model Number	HL-MD08A-C2
Bluetooth Profile	Series Port Profile (Bluetooth SPP)
Standard	Bluetooth specification version 2.0 EDR
Frequency	2.402GHz ~ 2.480GHz unlicensed ISM band
Hopping	1,600/sec, 1 MHz channel space
Modulation Method	GFSK for 1Mbps; $\pi/4$ -DQPSK for 2Mbps; 8-DPSK for 3Mbps
Transfer rates (Max)	Max UART baud rates of 3Mbps
Spread Spectrum	Frequency Hopping Spread Spectrum (FHSS)
Signal	TxD, RxD, GND, CTS, and RTS
RS-232 Interface	D-SUB 9-pin female
Transfer Baud Rate	Supports 1.2/2.4/4.8/9.6/19.2/38.4/57.6/115.2/230.4/460.8kbps
RF Output Power	Class 2
Coverage	Up to 10m
Tx Power	Max. 4 +/-1 dBm
Rx Sensitivity	-80 dBm typical
Antenna	PCB printed Antenna
Current Consumption	Max. 60 mA
Input Power	5V DC
Operating Temperature	0 ~ +60°C
Storage Temperature	-10 ~ +70°C
Dimensions	22 mm (W) x 77 mm (D) x 12.5 mm (H)

三. 基本參數

預設名稱：BT-RS232

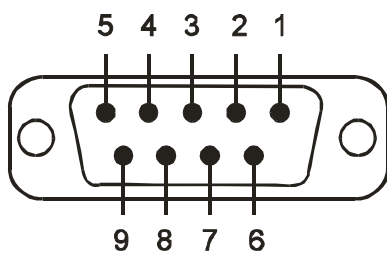
預設配對碼：0000

預設 RS232 參數：115200, 8, n, 1

四. LED 燈號說明

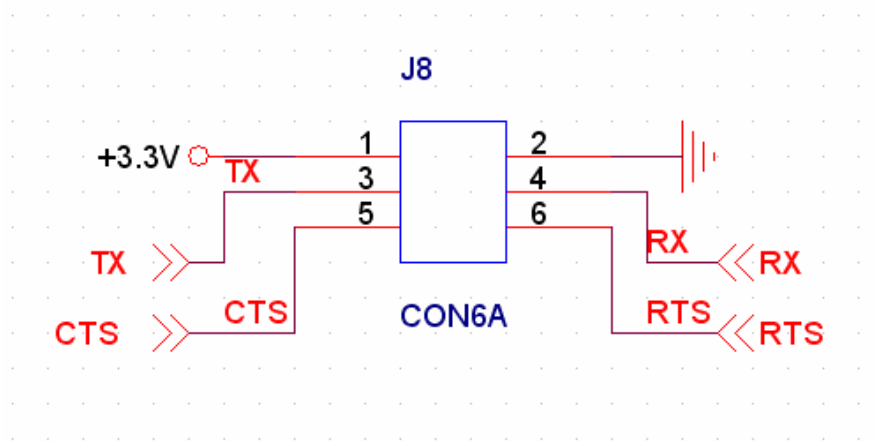
1. 快閃：搜尋模式
2. 慢閃：等待模式
3. 恆亮：連線模式

五. RS232 腳位說明



Pin	Signal	Direction	
2	TxD	Output	Transmitted data
3	RxD	Input	Received data
5	Gnd	N/A	Signal ground
7	CTS	Input	Clear to send
8	RTS	Output	Request to send
9	Vcc	Input	Power supply (optional)

六. TTL Module 接線圖



七. 設定

1. 準備作業

- (1)請確認本設備接上電源
- (2)連接 RS232 接頭至您的電腦
- (3)藍芽若有與其他連線中, 必須先中斷

2. 開啟設定軟體,



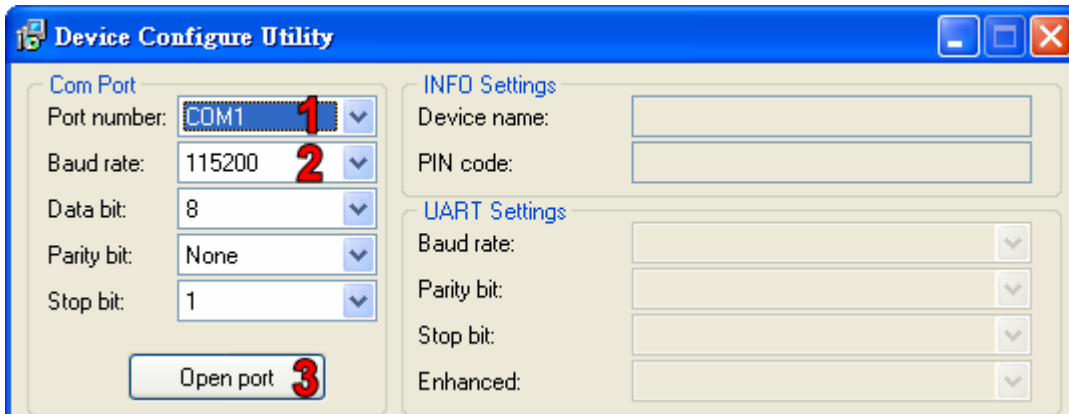
DeviceConfigure.exe

3. 開啟 COM Port

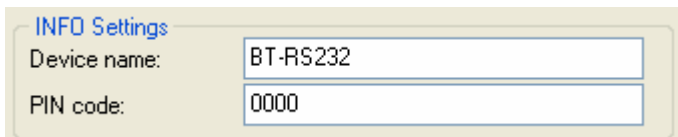
(1) 選擇電腦的 COM Port

(2) Baud Rate 預設為 115200 (若出貨時已經幫您調整為 19200, 就請設為 19200)

(3) 按 Open port



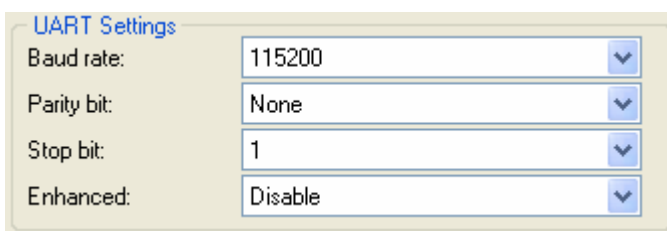
4. INFO Settings - 資訊設定



Device name : 設定本機裝置名稱

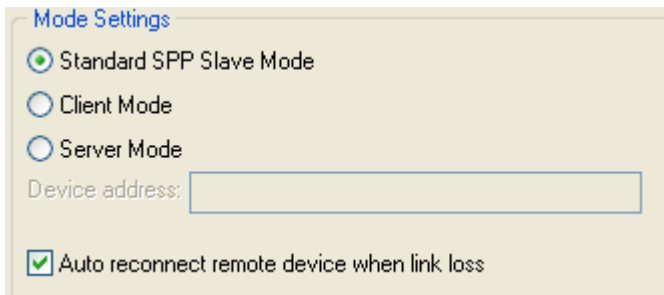
PIN code : 設定配對密碼

5. UART Settings - RS232 參數設定



任何變更必須牢記, 下次必須以該參數開啟 COM Port

6. Mode Settings - 連線模式設定



(1) Standard SPP Slave Mode

標準 SPP 模式, 適用被動連線環境.

(2) Client Mode

一對一模式時的 Client 模式.

(3) Server Mode

一對一模式時的 Server 模式. 需在 Device address 框內輸入 Client 的 MAC 位置.

7. 設定完畢請按 Update 才會儲存, 必須關閉電源重新開機.

