



## I.燒錄:

1.開啟「UniFlash」燒錄程式
→出現「Choose Your Device」
→在 Category 中選取「mmWave」
→選取下方列表中的「IWR1642」
→點擊「Start」

Q Enter Device Name (6 Available)	:: ×
AWR1243	Serial
AWR1642	Serial
IWR1243	Serial
IWR1443	Serial
2 WR1642	Serial
Choose Your Connection	n

 2.進入燒錄主視窗
 →選取左側列表的「Settings & Utilities」
 →在 Setup 下面的 COM Port,填入正確 的 COM Port(註 1)
 →「Target Memory Selection」: 選取
 「SFLASH」
 →勾選「Format SFLASH Memory during flash file download」

ared Device : Serial Connecti	on > IWR1642 [download ccxml]			
im	1 Find and Configure Settings and Utilities			
gs & Utilities	Q Search: Enter Property ID Or Name To Search For Settings and Button			
alone Command Line	▼ Setup			
	Note: Example - COM1 (Windows), /dev/ttyACM0 (Linux)			
	COM Port COM1 2			
	3 Target Memory Selection:			
	O SRAM			
	▼ Format			
	4 Gromat SFLASH Memory during flash file download			

3.將 Radar Module 的 DIP Switch 切換至 Flash Mode,並接上 6PIN 杜邦線;杜邦 線有 2PIN 及 5PIN 接腳各一(腳位定義如附圖),5PIN 接腳與「USB to TTL 序列 傳輸線」連接,2PIN 接腳與電源連接,供電電壓為 DC:4.5~5.5 V

PS.請先連接 5PIN,再連接 2PIN,避免短路





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4.接好 UR 燒錄線及電源後,選取 左側列表的「Program」,回到燒 錄主視窗→在「Meta Image 1」 中選取欲燒錄的韌體→點擊 「Load Image」,開始燒錄→待下 方視窗出現「Program Load completed successfully」,代表燒 錄成功。

Configured Device : Seriel Connectors + Inter Program 1 Sel Settings & Utilities 9 Standalose Command Line 2	est z (finantiad corril) ent and Load Images and Image(x) 2 Netro Image 1 Netro Image 1 Netro Image 1	Load Program			+ Cartes, 54
Program 1 Sel Settings & Utilities FI Standalone Command Line	ect and Load Images ash Image(s)  Metro Image 1  perf Gax, penaric bin	Loading Images			
Standalone Command Line	anh Image(s) Z Netta Image 1 zeertGax, generic.bin				
Standalone Command Line	Meta linage 1 zeert Gax, generic bin	And the American American American			
		sending share command to envice .		Size: 430.19 #2	E brand N
	Meta Image 2	_			A freedow
	Meta image 3				E Down
0	Meta Image 4	4	Cancel		f boen
	erifekte Betlende). I terret felicitet	Britan			
3	Last Image Note: Please power cycle your device before	loading images			
1	• Quick Sattlegs				
	Create your personalize settings view. Click to add settings.				
🗆 Console				♦ Vettoos	# Gear X Gea
1918/2/31 T 46 32 00 [SUCCESS] Cortes, PA	2 (rase starups completed successfully)				
1018/7/31 T T 6:33:48] [NF0] Cortex_R4_0: 51	ICCESSIVE type NETA_MAGE1 downloaded successfully to	SPLASH.			
1018/7/31 744/32/48[[INFO] Certer, N.C.D.D.	soonecarg rum onece on USM part COM25 shing instance clean-up initiated				
3018-7/31 7 7 6 33 481 [NFO] Costra R4 の An (018/7/31 下午6 33 48] [NUCCESS] Program b	rad completed excercitive 5				TP-1300-3.45

PS.如要繼續燒錄,請務必先斷開 PCB 電源,移除「USB to TTL 序列傳輸線」,再 重覆步驟 3 & 4 即可

註 1:將「USB to TTL 序列傳輸線」
 連接至電腦→開啟「檔案總
 管」→在「電腦」圖示上按
 滑鼠右鏈→點擊「管理」→
 出現「電腦管理」視窗→點
 選「裝置管理員」→點擊「連
 接埠(COM and LPT)」→確認
 「Prolific USB-to-Serial
 Comm Port (COM25)」

PS.每台電腦的 COM Port 不同,請務必確認



## Ⅱ.啟動

避免短路。

 將 Radar Module 的 DIP Switch 切 換至 Normal Operation Mode,並 接上 6PIN 杜邦線即可啟動;杜邦 線有 2PIN 及 5PIN 接腳各一(腳 位定義如附圖),5PIN 接腳與 USB to TTL 序列傳輸線」連接,2PIN 接腳與電源連接,供電電壓為 DC:4.5~5.5 V
 PS.請先連接 5PIN,再連接 2PIN, Command Command