CON Port

WL-M303 USB Modem Quickstart

1. WL-M303 Modem interface Indication



4G Antenna Interface

CON Interface Instruction

NO.	PIN	Description	lcon		
1	CON1	Input 1, check pulse signal (pulse width for 1second) to			
		reset modem.			8
2	CON2	Input 2, High level input(5~12V) and time more than 3s to			
		reset modem.	6	4	2
3	USB+	USB Data Pin	_	-	
4	USB-	USB Data Pin	5	3	1
5	VIN+	Power (5~26V DC)			
6	GND	GND			

2. Connect the Modem to PC



3. Install modem driver (WL-M303-6 4G modem as example)

WL-M303-6 is built-in Quectel EC25-E 4G module. WIN OS(Windows 7 or above) will automatically check and install the EC25 module, then EC25 interface will be displayed in Device manager. For other WIN OS version, it is necessary to be installed driver by manual as below.

Name	Date modified	Туре	Size	
Setup.exe	2019-03-21 14:44	Application	13,013 KB	
Quectel_LTE_Windows_USB_Driver_Installation_Guide	2017-11-14 19:54	PDF File	1,025 KB	

4. Check the Modem Ports with Device Manager

	🛃 Device Manager	- 🗆 X
Apps and Features	File Action View Help	
Mobility Center		
Power Options	🗸 📇 Super-Wlinker	^
Event Viewer	 > iii Audio inputs and outputs > iii Batteries 	
System	> 🚯 Bluetooth	
Device Manager	> 🛶 Disk drives > 🔄 Display adapters	
Network Connections	> Firmware	
Disk Management	> 📷 IDE ATA/ATAPI controllers	
Computer Management	> ₄≩ Imaging devices > Keyboards	
Windows PowerShell	Memory technology devices Mice and other pointing devices	
Windows PowerShell (Admin)	> 🖳 Modems > 🥅 Monitors	
Task Manager	> ↓ Network adapters ↓ Ports (COM & LPT)	
Settings	Quectel USB AT Port (COM21) Quectel USB DM Port (COM22)	
File Explorer	Quectel USB NMEA Port (COM19) Tibbo Virtual Serial Port (COM10)	
Search	> 💠 POS Remote Device	
Run	 > Image: Print queues > Image: Processors > Software devices 	~
Shut down or sign out	> • JOHWARE DEVICES	



5. Test modem via AT commands

Choose AT port and implement AT command in Putty (serial port tool). If AT command responds normally, it means modem is working in current WIN OS.



Putty		×
		\sim
+QIND: SMS DONE		
+QIND: PB DONE		
OK		
OK		
AT		
OK		
AT		
OK		
		4

6. Dial-up

Check local network connection icon in the lower right corner of toolbar in the PC (Windows 7 or above), and choose "Cellular" to dial up as following. It will display connected when dial up successfully.

