

## WL-M303

### LTE USB Industrial Modem



WL-M303 family industrial 3G/4G cellular Modem with USB interface is the modem that provides SMS and dial-up function by 2G/3G/4G Cellular network cater for industrial application requirement. The configuration and controlling can be made using AT-commands. The modem which supports up to 100Mbps downlink speed and 50Mbps uplink speed service can utilize the 4G/3G network for convenient and inexpensive data transfer from remote instruments, meters, computers or control systems in packet data. Due to the performance industrial module, robust metal case and a wide operating temperature range, this model is well suitable for industrial application.

## Product Specifications

### Industrial Class Design

- High powered industrial cellular module provides the strong anti-jamming ability
- PCB compliant to 3H and 3W
- Wide range voltage power supply

### Flexibility and Convenience

- Support standard USB2.0 interface that can plug into industrial PC or end USB device
- Plug & Play solution for quick and easy integration, flexibility and reliability
- Control the power on/off by interface control line, easy for user device to control the operation of the modem

### Stability and Reliability

- The modem supports serial I/O hardware reset to ensure always online
- Link detection and watch-god design, support WDT to ensure always online transmission
- UIM/SIM SIM card ESD Protection: 1.8V/3V standard
- USB interface protection
- Robust metal case and anti-lightening protection
- Provide IP41 protection



## Otto Wireless Solutions

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## Specification

<b>Cellular Network</b>	<p>Network and Frequency Band:            FDD-LTE / TDD-LTE: 800/900/1800/1900/2100/2600            HSDPA 2100/1900/900/850Mhz            EDGE/GPRS/GSM 850/900/1800/1900Mhz            CSD Up to 9.6kbps</p>
<b>AT Command</b>	Support
<b>LED Indicator</b>	<p>Power            Net</p>
<b>Power</b>	<p>Voltage: DC +5~26V (standard 12V/1A power adapter)            SIM Slot : 1x 1.8V - 3.3V            Consumption: transimission 46mA, Idling 25mA            Radio Power: 3G: &lt;24dBm @3G, 4G: 23dBm+/-2dB @25 degree</p>
<b>Receive Sensibility</b>	<p>3G: &lt;-106dBm            4G: -97dBm @10MHz QPSK</p>
<b>Interface</b>	<p>Antenna: SMA-K(Female), 50Ω            SIM Slot: Standard SIM/R-UIM interface            Port: USB 2.0            ESD Protection: ±15KV</p>
<b>Physical</b>	<p>Housing: Metal, IP30 Protection            Dimension: 64mm*73mm*26mm (not including antenna)            Installation: Wall Mount or Desktop            Weight: 120g</p>
<b>Operation System</b>	Windows 9x/ME/NT/2000/XP /Win7/ Linux
<b>Environment</b>	<p>Operation temperature: -30 ~ + 75 degree            Store temperature: -40 ~ + 85 degree            Related humidity: &lt; 95% (non-condensing)</p>



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### Ordering Information

Part Number	Network	Frequency Band	Interface
WL-M303-1	HSPA+	900/2100MHz	USB 2.0
WL-M303-2	HSPA	850/900/1900/2100MHz	USB 2.0
WL-M303-3	HSPA+	850/1900/2100MHz	USB 2.0
WL-M303-4	FDD-LTE 4G	800/850/900/1700/1800/1900/2100/2600MHz Band 1, 2, 3, 4, 5, 7, 8, 20	USB 2.0
WL-M303-5	FDD-LTE 4G	700/850/1700/1900MHz Band 2,4,5,13,17,25,26	USB 2.0
WL-M303-6	FDD-LTE / TDD-LTE 4G	800/900/1800/2100/2300/2600MHz Band 1,3,7, 8,20, 38.40, 41	USB 2.0

**Note:**

The above list includes partial of WLINK models only, please consult WLINK sales person or distributor if can't find a suitable model from the above list.