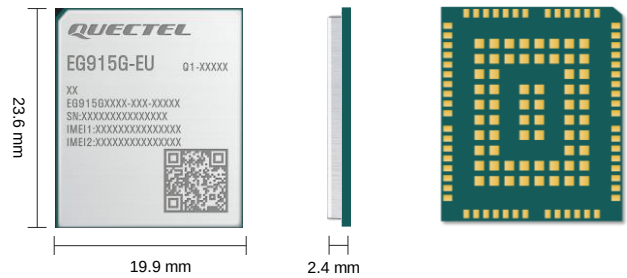


Quectel EG915G-EU

IoT/M2M-optimized
LTE Cat 1 bis Module



Quectel EG915G-EU is the LTE Cat 1 bis module optimized specially for M2M and IoT applications. It delivers maximum data rates up to 10 Mbps downlink and 5 Mbps uplink. Designed in the compact and unified form factor, EG915G-EU is compatible with Quectel multi-mode LTE Standard EG91 series, EG915U series, EG95 series, BG95 series and BG96 modules, ensuring that it can easily migrate among compatible modules.

Adopting laser engraving process, EG915G-EU features a more fashionable appearance, strong metallic texture, better heat dissipation capability and durable label information, which makes it ideally suited for automation requirement.

A rich set of Internet protocols, industry-standard interfaces and abundant functionalities (USB drivers for Windows 8/8.1/10/11, Linux, Android) extend the applicability of the module to a wide range of M2M and IoT applications such as POS, PoC, automation, shared equipment, smart metering, cloud speaker, smart safety and tracking systems.



Key Features

- ✓ LTE Cat 1 bis module optimized for M2M and IoT applications
- ✓ LTE coverage
- ✓ Abundant functional interfaces
- ✓ Support Wi-Fi Scan, GNSS and FOTA
- ✓ High performance

 LTE Cat 1 bis Max. 10 Mbps (DL) Max. 5 Mbps (UL)	 LGA Package	 Embedded Abundant Protocols
 Wi-Fi Scan	 FOTA	 GNSS
 USB 2.0 High Speed Interface	 USB Driver	 Quectel Enhanced AT Commands

Quectel EG915G-EU

LTE Cat 1 bis		EG915G-EU
Region		EMEA/Australia/New Zealand
Dimensions (mm)		23.6 × 19.9 × 2.4
Temperature Range		
Operating Temperature		-35 °C to +75 °C
Extended Temperature		-40 °C to +85 °C
Frequency Bands		
LTE-FDD		B1/3/5/7/8/20/28
Wi-Fi Scan		2.4 GHz 802.11b (Rx)
GNSS		GPS/GLONASS/BDS/Galileo/QZSS
Certifications		
Regulatory		Europe: CE* Australia/New Zealand: RCM*
Max. Data Rate		
LTE-FDD (Mbps)		10 (DL)/ 5 (UL)
Interfaces		
USIM		× 2
UART		× 3
USB 2.0		× 1
PCM		× 1
SPI		× 1 (QuecOpen®)
ADC		× 2
I2C		× 1
RESET_N		× 1
PWRKEY		× 1
Antenna		× 3 (Main Antenna/Wi-Fi Scan Antenna, GNSS Antenna, Bluetooth Antenna*)
Enhanced Features		
FOTA		●
QuecOpen®		●
QuecFile®		●
USIM Card Detection		●
Wi-Fi Scan		●
GNSS		●
Software Features		
Protocols		TCP/UDP/PPP/HTTP/NTP/PING/NITZ/CMUX/HTTPS/SSL/FILE/MQTT/SMS/FTP/FTPS
Driver	RIL Driver	Android 4.x–13.x
	GNSS Driver	Android 4.x–13.x
	USB RNDIS Driver	Windows 8/8.1/10/11 Linux 2.6–6.7
	USB ECM Driver	Linux 2.6–6.7
	USB Serial Driver	Windows 8/8.1/10/11 Linux 2.6–6.7 Android 4.x–13.x
Electrical Features		
Supply Voltage Range		3.3–4.3 V, Typ. 3.8 V
Power Consumption (Typical)		9.82 μA @ Power off
		1.26 mA @ LTE sleep (PF = 128)
		0.99 mA @ LTE sleep (PF = 256)
		24.33 mA @ Idle (PF = 64, USB connected)
		10.36 mA @ Idle (PF = 64, USB disconnected)

NOTE:

1. *: In progress/Under development.

2. ●: Supported.

