



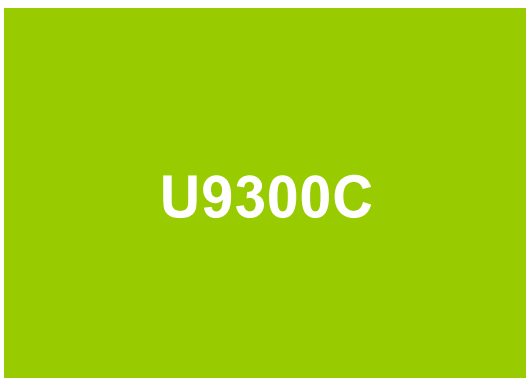
产品规格咨询热线：梁 18148584520（微信同号）

LTE-TDD/LTE-FDD/TD-SCDMA/UMTS/EVDO/EDGE/ GPRS/GSM/CDMA/GPS/BDS Cellular Module

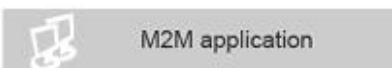
U9300C is a wireless module which is designed for the global market. It is a consumptive product; It can be designed in many kinds of applications which can work on LTE-TDD/LTE-FDD/TD-SCDMA/UMTS/EVDO/EDGE/GPRS/GSM/CDMA/GPS/BDS network.

On LTE-TDD/LTE-FDD network, U9300C enables connect to the Internet at DL data speed up to 150Mbps and UL data speed up to 50Mbps, in the area where LTE service are not available, U9300C still enables reliable and secure data connect over 3G(TD-SCDMA/UMTS/EVDO) or 2G(EDGE/GPRS/CDMA) network.

U9300C provides SMS, MMS, Phonebook functions as well as high speed access, and also audio function. It can be designed in many kinds of applications. Such as Data card, Video monitor, Tablet, Electric-book, MID, Vehicle equipment, etc.



LTE-TDD/LTE-FDD



M2M application



PCI Express Mini Card
Standard Interface



Receive diversity



Router application



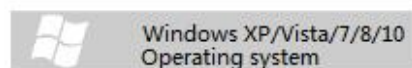
RoHS
compliance



AT Command



USB 2.0 interface



Windows XP/Vista/7/8/10
Operating system



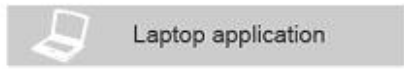
Surveillance application



UART interface



Linux operating system



Laptop application



GPS/BDS



U9300C

LTE-TDD/LTE-FDD Cellular Module

产品规格咨询热线：梁 18148584520（微信同号）

General features:

- EDGE multi-slot class 12
- GPRS multi-slot class 10
- Compliant to GSM phase 2/2+
- Output power:
 - Class 3 (0.25W) for LTE/TD-SCDMA/UMTS
 - Class 4 (2 W) for GSM 850/900
 - Class 1 (1 W) for GSM 1800/1900
- Control via AT commands (3GPP TS27.005/3GPP TS27.007)
- Supply voltage range 3.3V- 4.2V
- Low Power consumption
 - Sleep mode: 5mA
 - Power down 50 μ A
- Dimensions: 51.0×30.0×4.6mm
- Operation Temperature
 - 40°C to +85°C

Specifications for SMS:

- Point-to-point MO and MT
- SMS cell broadcast
- Text and PDU mode

Additional features:

- VoLTE
- Phone book
- PCM and Analog audio
- DTMF
- TTS

Band Configuration:

- U9300C:
- LTE-TDD Band 38/39/40/41
 - LTE-FDD Band 1/3/5/8
 - TD-SCDMA Band 34/39
 - UMTS Band 1/8
 - EVDO BC0
 - CDMA1x BC0
 - GSM Band 3/5/8

GPS/BDS(BeiDou):

- GPS frequency: 1575.42MHz
- At least support 44 channels
- Location accuracy: <10m
- Sensitivity
 - Acquisition: -158dBm
 - Tracking: -162dBm
- TTFF
 - Cold Start: 60S
 - Warm Start: 45S
 - Hot Start: 1S

Protocols:

TCP/ UDP/ PPP/ FTP/ HTTP/ HTTPS/ SMTP*/ SMTPTS*/ MMS/ FTPTS*/ NTP/ PING/ QMI/ SSL/ NITZ/ CMUX/ MQTT*

Approvals:

- SRRC、CCC、CTA

Specifications for data:

- Support Release 11 Category 4
- LTE-FDD up to 150 Mbps DL,50 Mbps UL
- LTE-TDD up to 150 Mbps DL,50 Mbps UL
- TD-SCDMA up to 4.2 Mbps DL,2.2 Mbps UL
- DC-HSPA+ up to 42Mbps DL,5.76Mbps UL
- 1xEV-DO_rA up to 3.1Mbps FL,1.8Mbps RL
- EDGE class 12: 296kbps DL,236.8kbps UL
- GPRS class 10: 85.6kbps DL,85.6kbps UL
- CSD up to 14.4 kbps
- Transparent mode
- PBCCH support
- PPP-stack
- Coding schemes CS 1,2,3,4
- FOTA
- TCP/IP
- NDIS

Interfaces:

- RF connector
- PCI Express® Mini Card Interface
- Power supply
- USB 2.0 high speed
- UICC/SIM/UIM card interface 3 V, 1.8 V
- UART
- Analog audio
- PCM
- Antenna connector

* Under Development

Module Name	Configuration Code	Diversity Antenna	GNSS	CODEC
U9300C	DGV	Yes	Yes (passive antenna)	Yes
	SXV	No	No	Yes
	SXN	No	No	No
	DXN	Yes	No	No
	DGN	Yes	Yes (passive antenna)	No
	DAN	Yes	Yes (active antenna)	No

产品规格咨询热线：梁 18148584520（微信同号）

Talk Straight

Accountable

Simplicity

Open-minded

Courageous