

Fibocom

G500-GL GPRS&GNSS Module

Perfect Wireless Experience

 Dual-band GSM/GPRS/EDGE

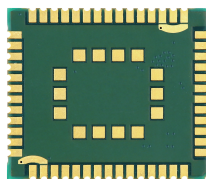
 GPRS+GPS/BDS

 Support A-GNSS

 -40°C~+85°C

FIBOCOM G500-GL系列是一款LCC封装的GPRS&GNSS模块，支持 850/900/ 1800/1900MHz，以及GPS、BDS、A-GPS。

G500-GL集成GPRS和GNSS，拥有超低功耗以及优良的定位性能，非常适用于车载、资产追踪、共享单车等行业。



适用于

- 全球

G500-GL GPRS&GNSS Module

Perfect Wireless Experience

G500-GL GPRS&GNSS Module Technical Specifications

Product Feature

- Band: 850(B5), 900(B8), 1800(B3), 1900(B2)
- GPS/Beidou/SBAS
- Dimensions: 18.7 x 16.0 x 2.3mm
- LCC+LGA
- Normal operating temperature: -30°C ~ +75°C
- Optional operating temperature: -40°C ~ +85°C
- Storage Temperature: -40 °C~ +85°C
- Operating Voltage: 3.3 ~ 4.5V, Typical 4V
- TX Power:
 - 850/900 MHz class 4 (2W)
 - 1800/1900 MHz class 1 (1W)
- RX Sensitivity:
 - 109dBm (850/900MHz)
 - 108dBm (1800/1900MHz)
- AT Command Set: FIBOCOM proprietary AT commands/
GSM 07.05/GSM 07.07/GSM 07.10

Data

- Embedded TCP/UDP/FTP/HTTP/FOTA
- GPRS: Multi-slot class 12(4 Down;4 Up;5 Total)
 - Max Downlink 85.6 Kbps
 - Coding Scheme CS1-CS4SMS
- SMS*

Interface

- SIM Card: 1.8V/3.0V
- Power on/off
- UART X 2
- EINT
- GSM/GPRS AN
- PCM
- ADC
- Audio
- GNSS ANT

Approval

- CCC/RoHS/SRRC/NAL/CE*