

GPS Specifics

GPS Receiver channels:	22 tracking / 66 acquisition
Coarse/Acquisition code:	GPS L1
Tracking sensitivity:	165-dBm
Time-To-First-Fix:	Cold starts: 30s (typ.), Hot starts: 1s (typ.), Warm starts: 28s (typ.)
Horizontal position accuracy:	< 2.5m CEP
Update rate:	5Hz

Temperature sensor and humidity sensor

Power Consumption:	4.8 μ W.
RH Operating Range:	0% to 100% RH
Operating Temperature Range:	-40°C to +125°C .
Response time	8 seconds
Update rate:	5Hz

Network specs

General Feature:

- Quad-band 1900/1800/900/850MHz.
- GPRS multi-slot class 10/12.
- GPRS mobile station class B.
- Compliant to GSM phase +2/2.
- Class 2 (4 W @ 900/850MHz).
- Class 1 (1 W @ 1900/1800MHz).

Bluetooth:

Compliant with +3.0EDR.

Dimensions:

2.6*24*24mm.

Weight:

- 3.3g.
- Control via AT commands (3GPP TS ,27.007 27.005 and SIMCOM enhanced AT Commands.
- Supply voltage range 4.4 ~ 3.4V.
- Low power consumption.

Operation temperature:

-40 °C ~ 85 °C .