



# GPRS Bee w& SIM 800 Module

SKU 113050011

The GPRS Bee provides you a way to use the GSM/GPRS cell phone network to transmit or receive data from a remote location



## Description

The GPRS Bee provides you a way to use the GSM/GPRS cell phone network to transmit or receive data from a remote location. Sending/receiving SMS messages and GPRS internet communicating is the basic function of the GPRS Bee. But, if you have a Bluetooth Headset, you can also make a phone call with it. Based on the SIM800H module from SIMCOM, the GPRS Bee can be configured and controlled via its UART using simple AT commands. For the board size to be compatible with the Bee socket, it uses SIM cards of the MicroSIM form factor.

## Specification

- SIM800H module Typical power consumption in sleep mode is 0.7mA (AT+CFUN=0)
- Frequency bands: Quad-band: GSM 850, EGSM 900, DCS 1800, PCS 1900; Compliant to GSM Phase 2/2+
- Transmitting power: Class 4(2W) at GSM 850 and EGSM 900; Class 1(1W) at DCS 1800 and PCS 1900
- GPRS data downlink/uplink transfer: max. 85.6kbps
- Autobaoding supports baud rate from 1200bps to 57600bps
- Support Bluetooth 3.0
  - Bluetooth Profile: GAP/SDAP/SSP/GOEP
- Power supply 3.4~4.4V
- U.F.L GSM antenna
- On board Bluetooth ceramic antenna
- be socket compatible
- MicroSIM adapter