Sim 900 GSM/GPRS Modem with USB Communication

The GSM/GPRS Modem uses SIM900A based Quad band 850/900/1800/1900MHz GSM / GPRS module. It can be connected to PC or laptop via USB directly or to a microcontroller UART using TTL levels. The modem consists of all the external circuit required to start experimenting with the SIM900A module like the power regulation, external antenna, SIM Holder, etc. Modem is built with Quad Band GSM/GPRS based SIM900A module from SIMCOM. It works on frequencies 850/900/1800/1900MHz. SIM900A can search these bands automatically. The frequency bands can also be set by AT Commands. The baud rate is configurable from 1200-115200 through AT command. The GSM/GPRS Modem is having internal TCP/IP stack to enable you to connect with internet via GPRS. Best suited for GSM based Microcontroller Projects & Sim 900 based developments (better than SIM300 and other GSM Modems)

**** Can be used for Bulk SMS sending using Compatible software.

Features:

- Uses the extremely popular SIM900A GSM module.
- Accepts commands through On board USB serial.
- Also can accept commands from microcontroller UART.
- Provides serial TTL interface for easy and direct interface to microcontrollers.
- Works on 9V-18V 1 A SMPS supply.
- Speaker and Microphone pins onboard for voice Communication.
- On board SMA connector with GSM antenna.
- On board Power, Network, Ring and status LED’s for indication.
- Can do basic functions which can be done via normal phone like calling, send sms, Access data through GPRS etc.
- Can accept commands through Hyper Terminal.
- Ft232 R Based USB communication- Better and Faster than other Cheap USB Drivers.
- Supports Windows 8.1 / 8 / 7 / Vista / Server 2003 / XP / 2000 / 98SE / Mac OS X / Mac OS 9, Linux
- Plug and play device.
- Small & Compact size

This Product Includes:

- GSM/GPRS Modem USB
- 2 dbi Rubber duck antenna
- USB Cable
- USB Driver ( FT232R)

NOTE:

The modem consumes current of nearly 1A during transmission; please make sure that your power supply can handle such currents.

Modems are pretested before shipping. We recommend to use a 12V DC 2 Amps power supply & Use USB Cable to Connect GSM MODEM to PC or Laptop.

Please be very gentle with the SIM card tray while inserting or removing the SIM card. Also don't tighten the screws of the antenna too much, just make sure it is connected properly without exerting too much force to tighten the antenna.