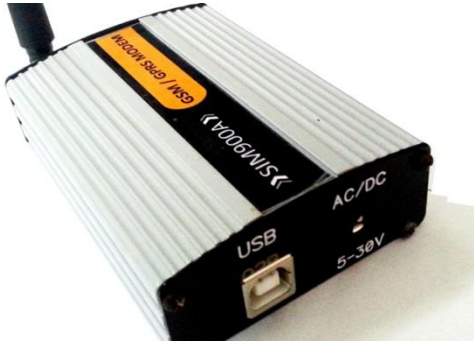


SIM900A GSM/GPRS USB Modem



Sim900a GSM/GPRS USB Modem, Featuring an industry-standard interface, the SIM900A delivers GSM/GPRS 900/1800MHz performance for SMS, Data, and Fax in a small form factor and with low power consumption, With Aluminum enclosure to minimize noise.

General features

- Dual-Band 900/ 1800 MHz
- GPRS multi-slot class 10/8
- GPRS mobile station class B
- Compliant to GSM phase 2/2+
 - Class 4 (2 W @900 MHz)
 - Class 1 (1 W @ 1800MHz)
- SAIC (Single Antenna Interference Cancellation) support
- Control via AT commands (GSM 07.07 ,07.05 and SIMCOM enhanced AT Commands)
- SIM application toolkit
- internal Supply voltage range : 3.2 ... 4.8V
- External Supply voltage range : 9 ... 12V DC
- Low power consumption: 1.0mA(sleep mode&BS-PA- MFRMS=9)
- Operation temperature: -40°C to +85 °C

Specifications for Fax

- Group 3, class 1

Specifications for GPRS Data •GPRS class 10: max. 85.6 kbps (downlink)

- PBCCH support
- Coding schemes CS 1, 2, 3, 4
- PPP-stack

Specifications for CSD Data

- CSD up to 14.4 kbps
- USSD
- Non transparent mode

Specifications for SMS via GSM/GPRS

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

Software features

- 0710 MUX protocol
- embedded TCP/UDP protocol
- FTP/HTTP

Specifications for Voice

- Tricodec
 - Half rate (HR)
 - Full rate (FR)
 - Enhanced Full rate (EFR)

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- AMR

- Half rate (HR)

- Full rate (FR)

- Hands-free operation
(Echo suppression)

Interfaces

- B Type USB Connector

- Pust Type Simcard holder

- SMA Antenna Connector

- Power Indicator LED

- Network Indicator LED

Compatibility

- AT cellular command interface