



# S.G. INTERNATIONAL GROUP H.K. LIMITED

## SHENZHEN SHUGUANG DIGITAL TECHNOLOGY CO., LTD.

Add: Gold industrial park, NanLing village, Buji Town, Shenzhen, China

Tel: (86)0755-25387626

84701880

84701680

Fax : ( 86)0755-84701680

[Http://www.sgcg-group.com](http://www.sgcg-group.com)

E-mail: [sgled@vip.163.com](mailto:sgled@vip.163.com)

MSN: [sgled@hotmail.com](mailto:sgled@hotmail.com)

Yahoo Messenger: [sgled\\_usa@yahoo.com](mailto:sgled_usa@yahoo.com)

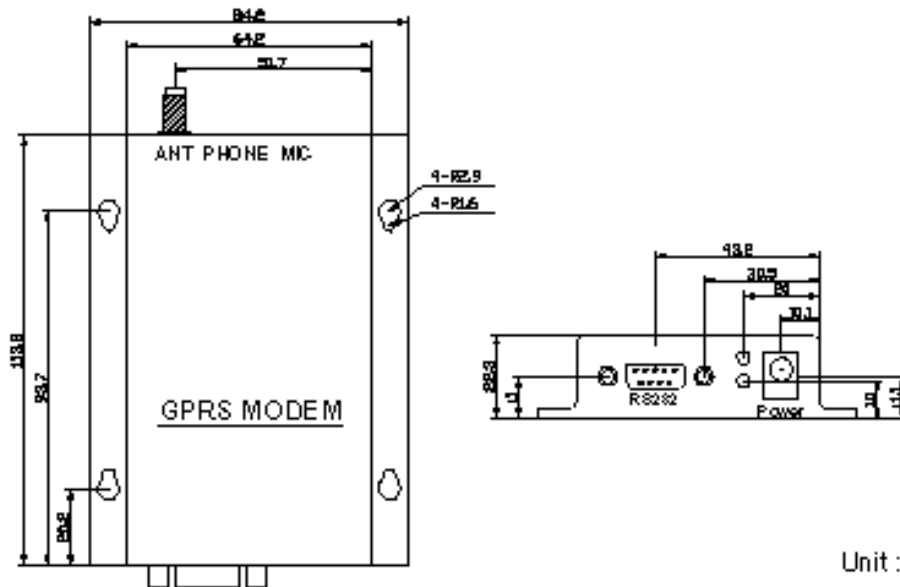
### GR100 GPRS Modem



#### Product Feature

- Integrated with MCU to support TCP/IP protocol
- Support static IP and DNS
- Support network auto-connecting
- Equipped with EEPROM to save the pre-setting parameter of user
- Support AT command for SMS, Voice, Fax and GPRS Data transmission

#### Physical Outline



#### Technical Specification

Item	Technical parameter		Remark
Frequency	Dual-Band GSM/GPRS 900/1800MHz		
Voltage	DC 12V		
Current	50/120mA		Average
Status Indicator	RX: red	TX: green	
	Lighting when system working		
Output Power	Compliant with 3GPP GSM phase 2+		
	CLASS 4 (2W) for EGSM900	CLASS 1 (1W) for GSM1800	
SIM card	3V		
SMS Mode	Text		
SMS Length	140 byte/message (max)		

© 1997-2006, S.G. INTERNATIONAL GROUP H.K. LTD. All rights reserved.

Buji Town, Shenzhen 518123, China

Tel: +86-755-25387626 , 84701880 , Fax: +86-755-84701680

Sales email: [sgled@vip.163.com](mailto:sgled@vip.163.com)

ISO 9001:2000



Cert. #801532



# S.G. INTERNATIONAL GROUP H.K. LIMITED

## SHENZHEN SHUGUANG DIGITAL TECHNOLOGY CO., LTD.

Add: Gold industrial park, NanLing village, Buji Town, Shenzhen, China

Tel: (86)0755-25387626

84701880

84701680

Fax : ( 86)0755-84701680

[Http://www.sgcg-group.com](http://www.sgcg-group.com)

E-mail: [sgled@vip.163.com](mailto:sgled@vip.163.com)

MSN: [sgled@hotmail.com](mailto:sgled@hotmail.com)

Yahoo Messenger: [sgled\\_usa@yahoo.com](mailto:sgled_usa@yahoo.com)

Baud Rate/Parity Bit/Data Bit/Stop Bit	9600bps/None/8/1	
Communication Protocol	SmartRF GPRS modem protocol	
Operational Temperature	-25℃~55℃	
Storage Temperature	-40℃~85℃	
Humidity	10%~90%	
Dimension	113.8 (L) x 84.2 (W) x 22.3 (H) mm	Excluded antenna
Weight	250g	Body only
Applied Antenna	900/1800MHz antenna	
Connector	MIC: Ø3.5 monophonic	
	Phone: Ø3.5 monophonic	

Different region/application may require different frequency/interface. Please consult us for ODM service.