



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

## SHENZHEN SHUGUANG DIGITAL TECHNOLOGY CO., LTD.

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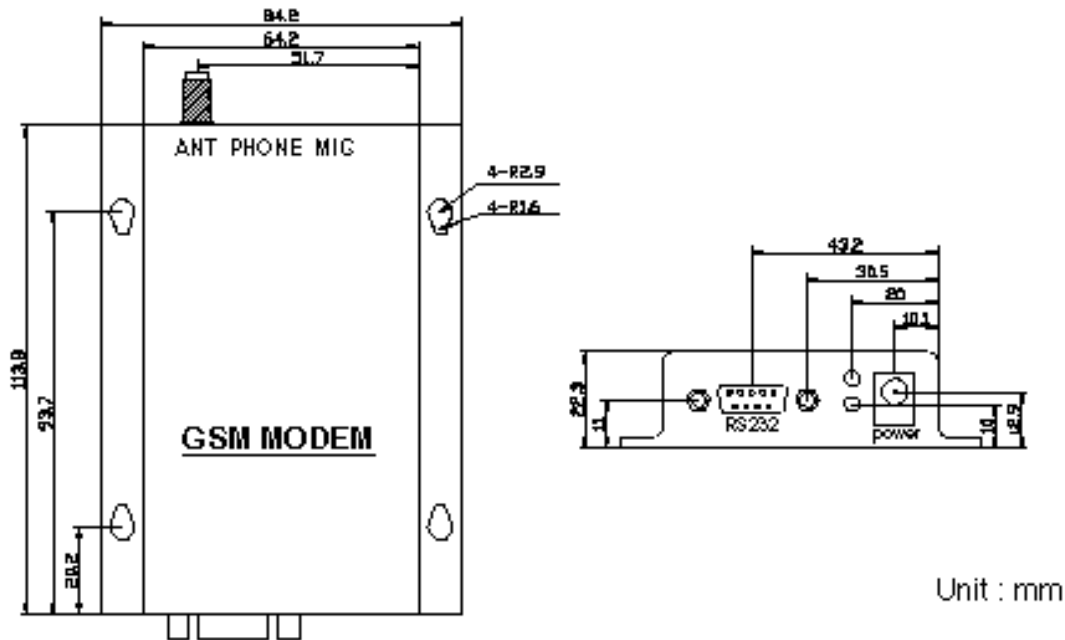
### GM100 GSM Modem



#### Product Feature

- Support RS232 interface
- Support SMS, Voice, Fax, Data transmission
- Embedded with a GSM cellular engine and MCU to control the system
- Support UART serial port (TX/RX/GND)
- Easy to use via SamrtRF command tool or standard AT command

#### Physical Outline



#### Technical Specification

Item	Technical parameter	Remark
Frequency	Dual-Band GSM 900/1800MHz	
Voltage	DC 7V-24V	
Current	50/120mA	Average current
Status Indicator	RX: red	Lighting when system working
	TX: green	
Output Power	Compliant to GSM phase 2/2+	
	CLASS 4 (2W) for EGSM900	CLASS 1 (1W) for GSM1800
SIM card	3V	

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ISO 9001:2000



Cert. #801532



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SMS Mode	PDU	
SMS Length	140 byte/message (max)	
Baud Rate/Parity Bit/Data Bit/Stop Bit	9600bps/None/8/1	
Communication Protocol	SmartRF GSM 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.