

GSM Modem 81G CM



Overview

VISIONTEK 81G CM is a highly flexible plug-n-play GSM modem for easy integration with RS-232 and audio* interface. It is equipped with features of circuit switched data, SMS, Fax, Voice and GPRS (Class 10). VISIONTEK 81G CM is a perfect solution to use with SMS gateways, access internet while on the move and corporate communications (GPRS, Data transfer & PC Fax even in remote location).

Small Foot Print

DC Power Supply

Data, SMS, Voice, Fax, GPRS

Application Areas

- C&F Agents
- Corporates with multi-location presence
- Jewelers
- Share brokers
- Transportation
- IT Industry
- Network solution providers
- Vehicle Tracking applications
- Bulk SMS solutions
- Point to point data communication
- Point to IP data communication



RS-232 Interface



High gain Whip Antenna

For MODEM related products please visit:
www.visiontek.co.in/products/modems.htm

Dual/Tri* Band GSM 900/1800/1900MHz

GPRS (Class 10) Module

An ISO 9001:2000
 Certified Company



Connectivity

GSM / GPRS	CDMA
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Benefits

- Small foot print
- Table Top
- Low power consumption
- Plug-n-Play



Application Diagram

Features

- Dual/Tri* band 900/1800/1900 MHZ GSM
- Data, SMS (Text & PDU), Fax, Voice and GPRS (Class 10)
- DC input voltage
- Fully compliant with ETSI, GSM Phase 2+ specifications
- Low power consumption
- AT Commands
- 3V SIM Interface
- RS-232 interface (9 PIN 'D' type female)



SIM Card Insertion

Specifications

Module	Dual/Tri* band GSM 900/1800/1900MHz with class 10 GPRS
Output Power	Class 4 (2W for GSM 900) Class 1 (1W for GSM 1800)
SMS	Supports Text and PDU mode, Point to Point & Cell Broadcast
Data	Data circuit Asynchronous and non transparent upto 14.4 kbps autobaud rate (2400, 4800, 9600, 19200, 38400, 57600 bps) fixed baud rate (300, 600, 1200, 9600, 115200 bps)
Fax	Automatic fax group 3 (Class 1 & 2) Modem compatibility V.29, V.27 (TER and V.21Ch II) PC Fax compatibility CCITT, G3
GPRS Packet Data Feature	Class 10 Coding Scheme CS1 to CS4, embedded TCP/IP Stack
AT Commands Interface	GSM 07.05 and 07.07
Connectors	RS-232 Serial, DC Power socket SMA Antenna connector, SIM Card Holder
Power Adaptor	Input 7.2V DC 1.5A
LED Indications	Power ON, Network
Mounting	Table Top
Casing	ABS Plastic
Antenna	SMA Rubber /WHIP Antenna*
Dimensions	100 mm x 70 mm x 37 mm
Operating Temp	-10°C ~ +50°C
Certification	Type approved GSM Module

Note: 1. We pursue a policy of continuous research and product development. Specifications and features are subject to change without notice 2. * Indicates Optional Feature

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