

GSM Modem 81GC



Overview

Visiontek 81GC is a highly flexible GSM modem for easy integration with RS-232 and audio* interface. It is equipped with features of circuit switched data, SMS and GPRS (Class 10). VISIONTEK 81GC is a perfect solution to use with SMS gateways, access internet while on the move and corporate communications (GPRS, Data transfer even in remote location). With aesthetic and sleek design in plastic this modem is best suited for commercial applications.

Small Foot Print	DC Power Supply	Data, SMS, Voice, Fax, GPRS
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Application Areas / Users

- C&F Agents
- Corporate's with multi-location presence
- Jewellers
- Share brokers
- Transportation
- IT Industry
- Network solution providers
- Vehicle tracking applications
- Bulk SMS solutions
- Point to point data communication
- Point to IP data communication
- POS Terminals
- Information Kiosks
- Web Browsing



Stick Antenna



RS-232 Interface

Benefits

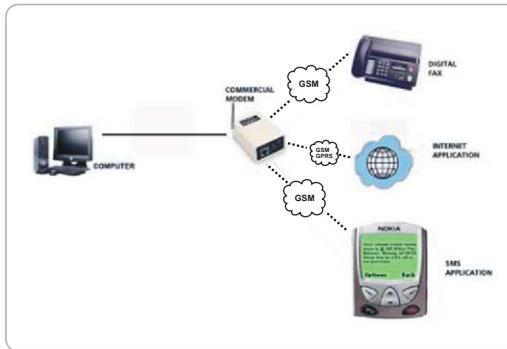
- Small foot print
- Table Top
- Low power consumption
- Plug-n-Play

Features

- Quad*/Tri band 850*/1800/1900 MHz GSM
- Data, SMS (Text & PDU) and GPRS (Class 10)
- DC input voltage (7.2V) – Comes with AC External Adaptor
- Fully compliant with ETSI, GSM Phase 2+ specifications
- Low power consumption
- Operates on standard AT Commands
- 1.8V/ 3V SIM Interface
- RS-232 interface (9 PIN 'D' type female)
- * TCP/IP Stack



SIM Card Insertion



Application Diagram

Specifications

Module	Tri band GSM 900/ 1800/ 1900 MHz * Quad band GSM 850/ 900/ 1800/ 1900 MHz
Output Power	Class 4 (2W for GSM 900) Class 1 (1W for GSM 1800)
SIM (RUIM) Interface	External SIM 1.8V & 3V
SMS	Supports Text and PDU mode
Data	Data circuit Asynchronous and non transparent upto 14.4 kbps
GPRS Packet Data Feature	Class 10; Coding Scheme CS1 to CS4
AT Commands Interface	GSM 07.05 and 07.07
Connectors	RS-232 Serial Port SIM Card Holder DC Power socket SMA Antenna connector
LED Indications	Power ON, Network
External AC Power Adaptor	Provides 7.2V DC 1.5A
Enclosure	ABS Plastic
Mounting	Table Top
Temperature	Operating: -10°C ~ +50°C
Dimensions in mm	100 x 70 x 37 (L x W x H)
Antenna	SMA Rubber /WHIP Antenna*

Note: We pursue a policy of continuous research and product development. Specifications and features are subject to change without notice

* Indicates Optional Feature

