

GPRS Intelligent Modem



Features

- Dual Band EGSM 900 and GSM 1800
- Compliant to GSM Phase 2/2+
- Data, SMS, Voice, and GPRS(Class 10)
- RS 232/RS 485 interface
- 16 bit microcontroller for improvised control
- Battery backup-Optional
- Control by AT commands
- Low power consumption
- Rugged Industrial Enclosure

Specifications

| | | |
|-----------------|---------|---|
| Module | | Dual band GSM 900/1800 MHz with GPRS class 10 |
| Output Power | | Class 4 (2W) at EGSM 900 Class 1 (1W) at GSM 1800 |
| Data | | GPRS data transmission GPRS class 10: max 85.6 kbps (downlink) Mobile station class B PBCCH support |
| Microcontroller | | 16- bit microcontroller for customized applications |
| SMS | | Point - to-point MO and MT SMS cell broadcast Text and PDU mode SMS storage: SIM card |
| Fax | | Group 3: Class 1, Class 2 |
| Speech | | Triple rate codec: Half Rate (ETS 06.20) Full Rate (ETS 06.10) Enhanced Full Rate (ETS 06.50 / 06.60 / 06.80) Echo cancellation, Noise reduction |
| Connectivity | HOST | RS232C 9 pin D-type connector with AT commands support |
| | ANTENNA | 50-ohm SMA connector |
| | POWER | DC Power jack / Terminal block connector |
| | SIM | Push-push type SIM card holder |
| Indications | AUDIO | RJ-45 connector |
| | | LED for Power, Network, Data communication |
| Input Power | | 8-30 V DC, 2A max |

* Design & Specifications are subject to change without notice

Application Areas

- Industrial Automation- Device Monitoring
- Automatic meter reading
- Gaming



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