GSM/GPRS Modem Terminal

TMA - M37i
TMA - M55i

TMAS
WIRELESS SOLUTIONS

Overview

Our modems are embedded with the latest and most powerful Cinterion (formerly Siemens) wireless GSM/GPRS module that comes with full type approvals in accordance of R&TTE, GCF requirement from the leading operators as well as RoHS compliant for lead free environment.
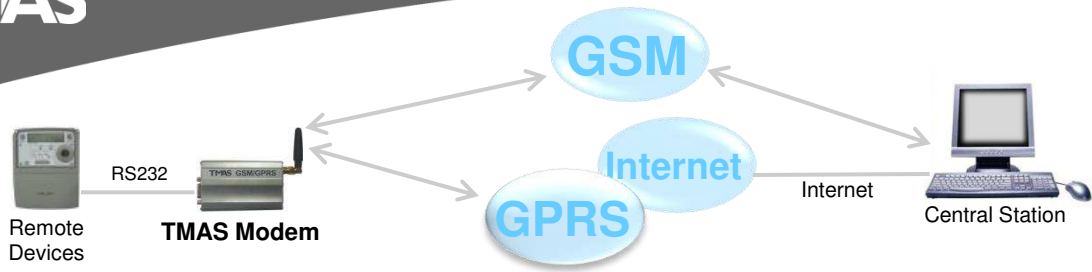
FEATURES

- Dual-band GSM900/1800Mhz.
- Quad-band GSM850/900/1800/1900Mhz.
- Dual/Quad-band GPRS multi slot class 10.
- Support for package broadcast control channel (PBCCH).
- Standard Interface (not including audio interface).
- Non-proprietary accessories (may use any cheaper source).
- Integrated SIM card holder.
- Flexible mounting: Rail fixing or side mounting plates.

TMAS Modem

Our modems are designed and developed to provide low cost yet reliable GSM/GPRS modem terminal solution for the M2M market.

Applications are as follows:

- > Facilities Management.
- > Automatic Meter Reading.
- > SMS Gateway.
- > Mobile Enterprise.
- > Data Center.
- > Environmental.
- > Fire and Security.
- > Home/Factory/Building Automation.
- > Traffic Monitoring.
- > Vending.
- > Payphone and Wireless Kiosk.
- > Fleet Management or M2M applications.

TMAS

| Remote Devices | RS232 | TMAS Modem | GSM / Internet / GPRS | Internet | Central Station |

Technical Specifications

Product Features	* TMA-M37i (GSM/GPRS)	* TMA-M52i (GSM/GPRS + TCP/IP)	TMA-M55i (GSM/GPRS + TCP/IP)
Operating Voltage	6 – 40VDC	6 – 40DC	6 – 40VDC
Communication Port	RS232	RS232	RS232
Control Mode	AT – Commands	AT – Commands	AT – Commands
TCP/IP Access	No	Yes	Yes
Power Save Mode	Yes	Yes	Yes
Wireless Interface			
Dual – Band EGSM900Mhz GSM1800Mhz	Yes	Yes	Optional
Quad – Band EGSM850/900Mhz GSM1800/1900Mhx	Optional	Optional	Yes
Output Power (2W for EGSM900Mhz) Class 4 (c/w for GSM1800Mhz) Class 1	Class 1.4	Class 1.4	Class 1.4
Data Transfer Specification			
GPRS Class 10 (85.6kps downlink)	Yes	Yes	Yes
PBCCH Support	Yes	Yes	Yes
GPRS Mobile Station	Yes	Yes	Yes
Transfer Mode	Non-transparent	Non-transparent	Non-transparent
SMS Mode	Text & PDU	Text & PDU	Text & PDU
Fax (Group & Class)	Group 3, Class 2	Group 3, Class 2	Group 3, Class 2
Physical Specification			
Operating Temperature	-20 ºC to +70 ºC (Normal)	-20 ºC to +70 ºC (Normal)	-20 ºC to +70 ºC (Normal)
Size	86 x 54 x 25mm	86 x 54 x 25mm	86 x 54 x 25mm
Weight	110g	110g	110g
Optional Accessories			

TMA-001a   TMA-001b   TMA-003a   TMA-003b   TMA-003c   TMA-003d   Modem Set

* Supports these Asian Countries: Abu Dhabi, Australia, Bangladesh, China, Hong Kong, India, Indonesia, Laos, Macao, Malaysia, Mongolia, Nepal, New Zealand, Pakistan, Philippines, Singapore, Sri Lanka, Taiwan, Thailand, United Arab Emirates and Vietnam.

Distributor Details