

GPRS Modem Terminal

Quad-band GPRS (with TCP/IP) Solutions For World Market

TMAS
WIRELESS TELEMETRY



TMA-M55i is specially designed for a fully-fledged data communication solutions in M2M applications such as:

- Automatic Metering Reading
- Facility Management
- 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

With top class GPRS features and built-in TCP/IP stack, TMA-M55i modem terminal is pre-destined as a key element in a broad range of M2M and telemetry applications to be used across the globe.

It is embedded with a quad-band and RoHS compliant Siemens GPRS module which comes with full type approval, R&TTE, FCC, GCF, PTCRB requirement from the leading operators including those from US.

Key Features

- Quad-band GSM 850/900/1800/1900Mhz and GPRS Multi Slot Class 10.
- Support for the Package Broadcast Control Channel (PBCCH).
- Standard Interfaces (not including audio interface).
- Non-Proprietary Accessories, i.e. use any cheaper source.
- Integrated SIM-Card Holder.
- Flexible Mounting: Rail Fixing or Side Mounting Plates.



Specifications subject to changes without notice.

Basic Features

- Quad-band EGSM 850/1900Mhz, GSM1800/1900Mhz
- Compliant to GSM phase 2/2+
- Output Power: Class 4 (2w) for EGSM850
Class 4 (2w) for EGSM900
Class 1 (1w) for GSM1800
Class 1 (1w) for GSM1900
- Control via AT commands
- TCP/IP access via AT commands
- Multiplex RS232 interface
- Power save Mode
- Supply voltage: 6-40VDC (default); 5VDC (optional)
- Dimensions: 86x54x25mm
- Weight: 110g
- Operating Temperature (normal) : 0° C to +55° C
- Operating Temperature (restricted) : -20° C to +70° C

Data Transfer Specification

- GPRS Class 10 (up to 85.6kbps-downlink)
- Full PBCCH support
- GPRS mobile station, class B
- CSD up to 14.4kbps
- USSD
- Non Transparent Mode
- V.110
- Coding scheme CS1,2,3,4.

SMS Specification

- Point to Point MO and MT
- SMS cell broadcast
- Text and PDU mode

Fax Specification

- Group 3, class 2

Interface Specification

- Standard Plug-in power supply
- SIM-Card Holder
- Standard DB9 RS-232
- SMA-Female antenna connector
- Status LED

Optional Accessories

- See Modem Accessories Flyer



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60 Kaki Bukit Place, #07-06 Eunos TechPark (Lobby B) S(415979)
Tel: 65-67461930 Fax: 65-67461938
enquiry@tcam.com.sg http://www.tcam.com.sg

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