

# GPRS Modem Terminal

## Low Cost And Reliable GPRS solutions At Your Reach.

**TMAS**  
Wireless Telemetry

**TMA-M35i** is mainly designed and developed to provide a low cost and yet reliable GPRS modem terminal solution for the M2M market and enterprise gateway solutions such as :

- Facility Management
- Automatic Metering Reading
- SMS Gateway
- Mobile Enterprise
- Data Center
- Environmental
- Fire and Security
- Home/Factory/Building Automation
- Traffic Monitoring
- Vending
- Healthcare
- Other data telemetry or M2M applications

With **TMA-M35i**, your solutions can always be online and enjoy the fastest data transmission rates. It enables data, SMS and fax applications at a low power consumption.

Embedded with Siemens wireless GPRS module which comes with fully type approval according to R&TTE and GCF and approval from leading operators, it will be a breeze to get local type approval if needed. Little effort means significant saving!

### Key Features

- Dual Band GSM 900/1800 Mhz and GPRS Class 8
- 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



### Basic Features

- Dual-Band EGSM900 and GSM1800
- Compliant to GSM phase 2/2+
- Output Power : Class 4 (2w) for EGSM900  
Class 1 (1w) for GSM1800
- Control via AT commands
- Multiplex RS232 interface
- Power Save Mode
- Supply voltage : 5V DC (regulated)
- Dimensions : 86x54x25mm
- Weight : 82g
- Ambient Temperature : -20°C to + 55°C

### Data Transfer Specification

- GPRS Class 8 (up to 85.6kbps)
- 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 1, 2

### Interface Specification

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

### Optional Accessories

- See Modem Accessories Flyer



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Wireless Modules by Siemens embedded