

FASTRACK

GSM/GPRS - M1200 SERIES



TAKE THE FAST TRACK TO THE WIRELESS WORLD

The external FASTRACK modem delivers all the power of WISMO® technology in one unit, giving your application instant wireless capabilities. Because the FASTRACK modem is fully type-approved, it can dramatically speed your time to market.

Housed in a rugged metallic casing, the FASTRACK modem is built to withstand the toughest environments. Its open interfaces and AT commands mean you can embed and run your application right on the WISMO platform. Just attach it to your application, and it is GSM/GPRS enabled. With its proven WISMO technology, the FASTRACK modem can be relied on for enduring performance.

STREAMLINE YOUR TIME TO MARKET

Get a complete GSM/GPRS solution
in one robust unit

Cut your time to market
with full type approval

Put it in the toughest environments
with a rugged construction

Count on it
for proven, reliable performance

Make wireless Data Applications a reality
with advanced features and functions

wavecom 

WIRELESS SOLUTIONS FOR EVERYONE

FASTRACK SPECIFICATIONS



The FASTRACK modem M1200 series is available in two versions:

- M1203A: GSM 900/1800 GPRS Class 2
- M1213A: GSM 900/1900 GPRS Class 2

PRODUCT FEATURES

Dual Band GSM/GPRS modem
EGSM900/1800 MHz
Fully Type Approved
Fully compliant with ETSI GSM Phase 2+ specifications (Normal MS)

Output power:

Class 4 (2W @ 900 MHz)

Class 1 (1W @ 1800/1900 MHz)

Input voltage: 5V-32V

Input current:

- Always on version (GPRS):
13,2mA in idle mode, 130mA in communication (GSM 900), 94mA in communication (GSM 1800/1900) @ 13,2V
- Autoshutdown version (GSM):
2,5mA in idle mode, 130mA in communication (GSM 900), 94mA in communication (GSM 1800/1900) @ 13,2V

Temperature range:

- -20°C - +55°C operating
- -25°C - +70°C storage

Overall dimensions: 98 x 54 x 25mm

Weight: 130g

VOICE, GSM CIRCUIT DATA/FAX, GPRS PACKET DATA, SHORT MESSAGE SERVICES

Voice features (GSM mode):

- Telephony
- Emergency calls
- Full Rate, Enhanced Full Rate and Half Rate (FR/EFR/HR)
- Dual Tone Multi Frequency Function (DTMF)

GSM circuit Data/Fax features:

- Data circuit asynchronous, **transparent and non transparent** up to 14,400 bits/s
- Automatic fax group 3 (Class 1 and Class 2)
- MNP2, V.42bis

GPRS packet Data features:

- GPRS Class 2

Coding Schemes: CS1 to CS4

Compliant with SMG31bis

Short Messages Services features (GSM or GPRS mode):

- Text and PDU
- Point to point (MT/MO)
- Cell Broadcast

GSM SUPPLEMENTARY SERVICES

- Call Forwarding
- Call Barring
- Multiparty
- Call Waiting and Call Hold
- Calling Line Identity
- Advice of Charge
- USSD
- Closed User Group
- Explicit Call Transfer

OTHER FEATURES

- ME+SIM phone book management
- Fixed Dialling Number
- SIM Toolkit Class 2
- SIM, network and service provider locks
- Real Time Clock
- Alarm management
- Software upgrade through Xmodem protocol
- UCS2 character set management

INTERFACES

- RS-232 and audio through mini sub-D 15-pin connector supporting:
 - Remote control by AT commands (GSM 07.07 and 07.05)
 - Baud rate from 300 to 115,200 bits/s
 - Autobauding (300 to 38,400 bits/s)
- Power supply through micro-FIT 4-pin connector
- SMA antenna connector
- Sliding SIM holder (3V/5V SIM interface)

DELIVERABLES

- User guide
- Power supply cable
- Y-cable for data and audio connection (optional)
- Fixing equipment

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