

# 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** 

PLUG IN TO THE WIRELESS WORLD

# FASTRACK SPECIFICATIONS



The FASTRACK modem M1200 series is available in two versions:

- M1200A : GSM 900/1800 GPRS Class 2
- M1210A : GSM 900/1900 GPRS Class 2

## PRODUCT FEATURES

Dual Band GSM/GPRS modem

(EGSM900/1800 MHz  
or EGSM900/1900 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:

- 5mA in idle mode, 140mA in communication GSM 900 @ 12V
- 5mA in idle mode, 100mA in communication GSM 1800/1900 @ 12V

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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