FASTRACK
GSM - 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. With its proven WISMO technology, the FASTRACK modem can be relied on for enduring performance.

STREAMLINE YOUR TIME TO MARKET

Get a complete GSM 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

wavecom

FASTRACK
SPECIFICATIONS

The FASTRACK modem M1200 series is available in two versions:
- M1200A : GSM 900/1800
- M1210A : GSM 900/1900

PRODUCT FEATURES

Dual Band GSM modem (EGSM900/1800 MHz or EGSM900/1900 MHz) designed for data, fax, SMS and voice applications
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, DATA/FAX, SHORT MESSAGE SERVICES

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

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

Short Messages Services features:
- 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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