MOTOROLA
intelligence everywhere™

Technical Specifications

GSM ---------------------- 900/1800. GPRS - 1 Up/4 Down. (EMEA).
GSM ------------------------ 850/1900. GPRS - 1 Up/4 Down. (USA).
Target Markets --EMEA, USA.
Technologies -------------------MMS, J2ME™, EMS 5.0. TrueSync™.
Operating system ------------------------------------Synergy (Motorola).
Display ----------------------------------120 X 160 CSTN 4096 colours.
Display --- 96 X 32 external CLI.
Dimensions --------------------------------------- 90 x 47.5 x 23 (86cc).
Weight ------------ 111g.   J2ME support 1 MB user space.
Talk time ----Up to 390 mins.   Standby ---------Up to 230 hours.
Iconic menu.   Polyphonic Speaker with 16-level MIDI support.
550/700 mAhr LiIon batteries.   SMS chat.   Available Q4 2002.
Camera attachment - QVGA and QQVGA JPEG resolution.

Key Features

Personal Information Manager (PIM) functions.
User configurable menus.   Animated Screensavers.
MMS, SMS, EMS 5.0, J2ME™. Polyphonic speaker.
RS-232 and USB connectivity. Camera Attachment.
Enhanced Sound Engine.   Picture Messaging.
Downloadable Ringer Tones. (MIDI & iMelody™).
WAP 1.2.1.   Motorola MIB 2.0 Browser.
MOTOSITESHARE – launch browser from SMS.
Download colour graphics (wbmp, gif/animated gif).
J2ME™ HTTP, TCP sockets & UDP Support.
Over the Air download of Java applications.
Changeable front/back covers.   Voice recognition.
64 Mbits (8 Mbytes) "Flash" memory.
16 Mbits (2 Mbytes) SRAM memory. TrueSync™.
WAP Identity Module (WIM) Support. EOTD (US).
WTLS Class 2 Security support.   WAP Pictogram.

J2ME™ Information

CLDC 1.0 and MIDP 1.0 compliant.
Java runtime memory ----------------------------- 512Kb.
Maximum MIDlet suite size --------------------- 200Kb.
Maximum Record Store size ----------------------63 Kb.
Programme Space ----------------------------------200Kb.
Display available to MIDlets ---------------- 120 x 160.
Connection Interfaces------------HTTP, Sockets, UDP.
Maximum number of sockets ------------------------- 3.
Supported image formats ---------------------------PNG.
Double Buffering ----------------------------- Supported.
Encoding Schemes ------------ ISO8859_1, ISO10646.
Over the Air download ------------------ WAP browser.
PNG Transparency.   J2ME™ LWT support.
RS232 Connectivity (for camera attachment).
J2ME Camera application (photo album, slide show).
Camera/MMS interaction (send direct from application)

Related Information

Tools: Note – access to these resources may depend on membership level.
CodeWarrior® Wireless Studio Version 7: Trial download or Buy
J2ME™ SDK version 2.0 download
Motorola LWT classes download   EMS toolkit download

Documentation: **Purchase:**
AT Command set document.   We offer a range of devices for sale here.

Links:
J2ME™ specifications: http://java.sun.com/j2me/
MIDP1.0 specifications: http://java.sun.com/products/midp/
CLDC 1.0 specifications: http://java.sun.com/products/cldc/
WAP forum. http://www.wapforum.org
EMS standards: http://www.3GPP.org
IMelody format http://www.irda.org/members/docs/iMelody_Errata.pdf
Accessories. http://www.motorola.com/consumer