MOTOROLA

Technical Specifications

Band/Frequency	GSM 850/900/1800/1900, EDGE Class 12, GPRS Class 12
Region	China, LatAm, Hong Kong, South East Asia, Taiwan, India, Africa, Turkey, Middle East
Technology	MMS, SMS, EMS, Email (POP3, SMTP, IMAP4)
Connectivity	WAP 2.0, Stereo Bluetooth Class 2, USB 2.0 Hi-speed, GPRS Class 12, EDGE Class 12, Over the Air Sync (OTA), PC Sync, Mobile Phone Tools
Dimensions	115 x 53 x 10.6 mm (60 cc)
Weight	100 g
Display	2.0" Landscape (262k colors TFT) LCD: 320 x 240 Normal: 320 x 178 Full-Screen: 320 x 240
Operating System	MOTOMAGX™

Key Features

- 2.0 MP CMOS camera with 8x zoom with fixed focus
- ROM 128 MB, 20 MB user memory and microSD up to 8 GB
- USB 2.0 high-speed and RDS support for FM Radio
- Video capture - QCIF(H263/MPEG4),Video playback/streaming - QVGA (H263, MPEG4, Real Video 8/9), QCIF(WMV 9, H264)
- Text to speech recognition
- 3.5mm stereo headset jack
- Microsoft music ecosystem support
- Mode Shift keypad that changes color from phone mode to music mode
- Alarm clock, calculator, rich preloaded Java ME games
- Downloadable ringtones, wallpaper and screensaver

Java™ ME Information

System	CLDC v1.1 and MIDP v2.0 compliant
Heap Size	2 MB
Maximun record store size (RMS)	2 MB
MIDlet storage avaliable	1 MB
Interface connections	HTTP, HTTPS, Socket, Secure Socket, UDP, Serial
Maximum number of sockets	4
Supported image formats	.PNG, .GIF, .JPEG, .BMP, .WBMP, .EMS
Double Buffering	Yes
Encoding schemes	ISO8859_1, ISO10646-UCS-2, UTF-8, UTF-16 and US-ASCII
Input methods	Multitap/iTap
JSRs	75 PIM, 75 FileConnect, 82, 118, 120, 135, 139, 172, 177, 184, 185, 205
Motorola APIs	
Audio Support	MIDI, MP3, AAC, AAC+, Enhanced AAC+, WMA (v.9, v.10), WAV, AMR-NB, Real Audio (RA) v10

Related Information

Motorola Developer Information:
Developer Resources at
http://developer.motorola.com/
Tools:
MOTODEV Studio for Java™ ME
MOTODEV SDK for Java™ ME
Documentation:
Creating Media for the MOTOROKR EM30
Purchase:
Visit the MOTO STORE at http://www.store.motorola.com/
Accessories: http://www.motorola.com/consumer

References:
Java™ ME specifications:
http://java.sun.com/javame/
MIDP 2.0 specification:
http://www.java.sun.com/products/midp
CLDC 1.1 specification:
http://www.java.sun.com/products/cldc
WAP forum: http://www.wapforum.org
EMS standards: http://www.3GPP.org

Updated on 25-Aug-2008.