


Technical Specifications

Band/Frequency	WCDMA 2100, GSM 900/1800/1900, GPRS Class 10
Region	Europe, Middle East, Africa (excludes Israel, Pakistan and Turkey), East Asia (excludes Japan and Korea)
Technology	MMS, SMS, OW 7, WAP 2.0
Connectivity	Stereo Bluetooth Class 2, USB 2.0 Full Speed, Over the Air Sync (OTA)
Dimensions	107 x 46 x 16 mm (74 cc)
Weight	86 g
Display	2.0" 320 x 240 (262K colors TFT) LCD: 320 x 240 Normal: 320 x 206 Full-Screen: 320 x 240
Operating System	Embedded

Key Features

- 2 MP camera and VGA camera for video telephony
- Memory: ROM (512 MB) and RAM (512 MB)
- Mobile Music with large external memory storage (up to 4 GB microSD card)
- Video capture/playback/streaming at QCIF 15 fps H.263, H.264, MPEG4, WMV v9
- Wireless Bluetooth® stereo technology
- Speaker phone
- Alarm clock, PIM Functionality, pre-loaded games, ringtones, calculator, screensaver and wallpaper

Java™ ME Information

System	CLDC v1.1 and MIDP v2.0 compliant
Heap Size	1.5 MB
MIDlet storage available	Depends on free user space
Interface connections	TCP, UDP, socket stream, SSL3.0, TLS1.0
Maximum number of sockets	3
Supported image formats	PNG, JPEG, GIF, BMP
Double Buffering	Yes
Encoding schemes	US-ASCII, UCS2, UTF8, ISO-8959-1
Input methods	T9
JSRs	75 PIM, 75 FileConnect, 82, 118, 120, 135, 139, 184, 185
Motorola APIs	
Audio Support	Midi, WAV

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 VE538

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>

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