

# Product Datasheet for RIM Blackberry 8520



## Application Features

Digital rights management	Yes
Java support	J2ME
Over the air configuration (OTA)	Yes
SIM toolkit release	99

## Browsing

HTML	Yes
WAP	Yes
WAP version	2.0
XHTML	Yes

## Communication Classes

Extended GSM (EGSM)	Yes
GSM bands	GSM 850/900/1800/1900
HSDPA	No

## GPRS

GPRS	Yes
GPRS PBCCH	Yes
GPRS timeslots	Class 10 (4+2)

## Wi Fi

802.11	Yes
802.11b	Yes
802.11g	Yes

## Data Connectivity

Data & fax	Data & fax
MMC	No
Micro SD, transflash	No
Mini SD	No
PCMCIA	Yes
SD full size	Yes
SyncML	Included
USB port support	Yes

## Bluetooth

Bluetooth	Yes
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## PIM Synchronisation

Calendar Synchronisation	MS Outlook and Lotus Notes
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## Dimensions

Size depth (mm)	13.9
Size length (mm)	109
Size width (mm)	60
Weight with std batt (g)	106

## Display & Imaging

### Camera

Camera Megapixels	2
Camera option	Integrated
Integrated camera res X	320
Integrated camera res Y	240
Integrated video camera res X	320
Integrated video camera res Y	240
Video capture	Yes

### Primary Display

Colour depth	65
Colour type	Colour
Resolution X	240
Resolution Y	320
Viewable size X (mm)	50
Viewable size Y (mm)	37.5

## Environmental

SAR 10g avg Body (W/kg)	0.78
SAR @ 10g avg Head (W/kg)	1.02
Separation distance for Body Measurement if applicable (cm)	1.5

## Key Device Features

Calculator	Yes
Chinese character support	Available
Clock	Alarm clock
Download tones/pics	Ringtones & pictures
Event organiser	Calendar & organiser
Force feedback compatible	Yes
Handsfree	Integrated + headset opt.
MP3 Player	Included
Rapid text input	QWERTY keyboard
Ringtone complexity	Polyphonic
T-coil for hearing aids	No
Timers	Stopwatch & countdown
Vibrate alert	Yes
Voice activation	Vox dial & command

## Messaging

E-mail client	POP3 & IMAP4
Instant message client	Included
SMTP authentication	Yes

## MMS

MMS	Yes
MMS download notify	Yes
Message size max rx (Kb)	300
Message size max tx (Kb)	300

## Audio

AMR format	Send & receive
MIDI format	Send & receive

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MP3 format	Send & receive	Change PIN2	Yes
MP4	Send & Received	DTMF support	Send only
SMAF	No	Device profile URL	<a href="http://www.blackberry.net/go/mobile/profiles/uaprof/8520/4.6.1.rdf">http://www.blackberry.net/go/mobile/profiles/uaprof/8520/4.6.1.rdf</a>
SP-MIDI format	Send & receive	Electronic/mechanical keyguard	Yes
WAV format	Receive only	Last call duration	Yes
WMD format	No	Mic mute	Yes
i-melody format	No	Missed call indicator	Yes

## Image

BMP display oversize	Resize
BMP format	Send & receive
GIF animation	Loop supported
GIF display oversize	Resize
GIF format	Send & receive
JPG display oversize	Resize
JPG format	Send & receive
PNG display oversize	Resize
PNG format	Send & receive
TIFF format	No
WBMP display oversize	Resize
WBMP format	Send & receive

## SMIL

Background	Send & receive
Max pages receive	No limit
Max pages send	No limit
Page timing default (s)	5

## Text

Font size options	Normal only
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## Video

3GPP format	Send & receive
AVI format	Receive only
H.263 format	Receive only
MPEG4 format	Receive only

## Operating System & CPU

Internal memory available to user (MB)	256
Processor Speed (MHz)	512
Processor Type	Intel Xscale PXA250

## Standard Battery Specs

Capacity (mAh)	1150
Time average charge (min)	180
Time max PDA usage (hours)	4.5
Time max standby 2G (hours)	408
Time max talk time 2G (min)	270
Voltage (V)	3.7

## Standard Services

### Device

Anykey answer	No
Auto-answer	No
Auto-redial	No
Call timer reset	Yes
Carkit auto-power-off	N/A
Carkit radio mute	N/A
Change PIN1	Yes

Change PIN2	Yes
DTMF support	Send only
Device profile URL	<a href="http://www.blackberry.net/go/mobile/profiles/uaprof/8520/4.6.1.rdf">http://www.blackberry.net/go/mobile/profiles/uaprof/8520/4.6.1.rdf</a>
Electronic/mechanical keyguard	Yes
Last call duration	Yes
Mic mute	Yes
Missed call indicator	Yes
PIN enable	Yes
Phonebook capacity	Limited by available device memory
SMS storage capacity	SIM + device capacity
Silent service	Yes
Start-up security	PIN and/or hardware
Total calls timer	Yes
Welcome greeting	No

## Network

Adaptive multi rate (AMR)	Yes
Call conference	Yes
Call hold	Yes
Call transfer	Yes
Call wait	Yes
Caller ID	Yes
Cancel divers	Yes
Cell broadcast	Yes
Divert all voice calls	Yes
Divert data calls	No
Divert fax calls	No
Divert if busy	Yes
Divert if no answer	Yes
Divert if not available	Yes
Divert if out of reach	Yes
EFR	Yes
FACCH call setup	Yes
Half rate	Yes
SMS originate	Yes
SMS replace	Yes
SMS reply	Yes
SMS terminate	Yes
SPN/ONS support	SPN & ONS
Type Approval Code(s)	35593103
Voicemail icon	No

## Vodafone Customisation

New Zealand Vodafone Live!	Yes
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