

# Product Datasheet for Nokia 5140



## Application Features

Digital rights management	Yes
Java support	J2ME
Over the air configuration (OTA)	Yes
SIM toolkit class	3
SIM toolkit release	1999

## Browsing

WAP	Yes
WAP version	2
WTLS key encryption	1024
WTLS support	Class 3

## Communication Classes

EDGE	Yes
Extended GSM (EGSM)	Yes
GSM bands	GSM 900/1800/1900
HSCSD	Yes
HSCSD multislots	2+2 & 3+1

## GPRS

GPRS	Yes
GPRS PBCCH	Yes
GPRS coding scheme	CS1 CS2 CS3 CS4
GPRS functionality	Class B
GPRS timeslots	Class 10 (4+2)

## Data Connectivity

Data & fax	Data only
Data cable	Available
Infra red	Yes
SyncML	Included
USB port support	Yes

## PIM Synchronisation

Calendar Synchronisation	MS Outlook and Lotus Notes
Contact Synchronisation	MS Outlook and Lotus Notes

## Dimensions

Size depth (mm)	23.8
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Size length (mm)	106.5
Size width (mm)	46.8
Weight with std batt (g)	101

## Display & Imaging

### Camera

Camera option	Integrated
Integrated camera res X	640
Integrated camera res Y	480
Integrated video camera res X	128
Integrated video camera res Y	96

### Primary Display

Colour depth	4096
Colour type	Colour
Resolution X	128
Resolution Y	128
Video playback	Yes
Viewable size X (mm)	27.5
Viewable size Y (mm)	27.5

## Environmental

SAR @ 10g avg (W/kg)	0.77
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## Key Device Features

Calculator	Yes
Carkit option	Portable
Changeable covers	Top & bottom
Chinese character support	Available
Clock	Alarm clock
Download tones/pics	Ringtones & pictures
Event organiser	Calender & organiser
Games	Pre-installed & downloadable
Handsfree	Integrated + headset incl.
Push to Talk	Yes
Radio	FM
Rapid text input	T9 standard
Ringtone complexity	Polyphonic
Ruggedisation	Shock & water (heavy)
Timers	Stopwatch & countdown
Vibrate alert	Yes
Voice activation	Vox dial & command

## Messaging

Concatenated SMS	Yes
E-mail client	POP3 & IMAP4
SMTP authentication	Yes

## MMS

MMS	Yes
MMS download notify	Yes
Message size max rx (Kb)	100
Message size max tx (Kb)	100

## Audio

AMR format	Send & receive
MIDI format	Receive only
MP3 format	No
SP-MIDI format	Receive only

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WAV format	No
WMD format	No
i-melody format	No

## 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)	2

## Text

Font size options	Normal only
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## Video

3GPP format	Send & receive
AVI format	No
MPEG4 format	No
Video	Yes

## Operating System & CPU

Memory RAM (MB)	16
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## Standard Battery Specs

Capacity (mAh)	760
Technology	Li-ion
Time average charge (min)	78
Time max standby (hours)	300
Time max talk time (min)	300
Voltage (V)	3.7
Weight (g)	101

## Standard Services

### Device

Anykey answer	Yes
Auto-answer	Yes
Auto-redial	Yes
Call timer reset	Yes
Carkit auto-power-off	Yes
Carkit radio mute	Yes
Change PIN1	Yes
Change PIN2	Yes
DTMF support	Send & store
Device profile URL	<a href="http://nds.nokia.com/uaprof/N5140r100.xml">http://nds.nokia.com/uaprof/N5140r100.xml</a>
Electronic/mechanical keyguard	Yes

Hardware security	Yes
Last call duration	Yes
Mic mute	Yes
Missed call indicator	Yes
PIN enable	Yes
Phonebook capacity	500
SMS storage capacity	SIM + device capacity
Silent service	Yes
Start-up security	PIN only
Total calls timer	Yes
Welcome greeting	Yes

## Network

Adaptive multi rate (AMR)	No
CLIR PCB (*31# o/ride)	Yes
CLIR PCBN (#31# o/ride)	Yes
CPHS CFF	Yes
CPHS VWF	Yes
Call conference	Yes
Call hold	Yes
Call transfer	Yes
Call wait	Yes
Caller ID	Yes
Cancel diverts	Yes
Cell broadcast	Yes
Divert all voice calls	Yes
Divert data calls	Yes
Divert fax calls	Yes
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
USSD	Yes
Voicemail icon	Voicemail

## Accessories

### Audio

AD-5B , Audio BT adaptor
HF-2 , Activity Handsfree

### Charger

AC-1 , Retractable Charger
ACP-12A , Slim travel charger
ACP-8A , Travel charger

### Connectivity

DKU-5 , Connectivity cable
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### Handsfree

HDB-4 , Boom headset
HDS-3 , Dual headset

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HS-10 , Retractable personal headset

HS-5 , Personal headset

HS-8 , Activity Headset

LPS-4 , Mobile inductive loopset

## **Vehicle**

LCH-12 , Mobile Charger