

Product Datasheet for Samsung SGH-Z540v



Application Features

Digital rights management	Yes
Java support	J2ME
Over the air configuration (OTA)	Yes

Browsing

HTML	Yes
WAP version	1.1 1.2 2.0
WTLS support	Class 1

Communication Classes

3GSM	Yes
Extended GSM (EGSM)	Yes
GSM bands	GSM 900/1800/1900

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
SyncML	Included
USB port support	Yes

Bluetooth

Bluetooth	Yes
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PIM Synchronisation

Calendar Synchronisation	MS Outlook
Contact Synchronisation	MS Outlook

Dimensions

Size depth (mm)	14.9
Size length (mm)	99
Size width (mm)	50.5
Weight with std batt (g)	105

Display & Imaging

Camera

Camera option	Twin
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Integrated camera res X	1280
Integrated camera res Y	1024
Integrated video camera res X	176
Integrated video camera res Y	144
Video capture	Yes

Primary Display

Colour depth	262144
Colour type	Colour
Resolution X	320
Resolution Y	240
Viewable size X (mm)	47
Viewable size Y (mm)	35

Sub Display

Colour depth	65536
Colour type	Colour
Resolution X	128
Resolution Y	128
Sub display	Yes

Key Device Features

Calculator	Yes
Carkit option	Fixed
Clock	Alarm clock
Download tones/pics	Ringtones & pictures
Event organiser	Calender & organiser
Games	Pre-installed & downloadable
Handsfree	Integrated + headset incl.
MP3 Player	Included
Rapid text input	T9 standard
Ringtone complexity	Polyphonic & sampled
Ruggedisation	Shock (lite)
Slide, flip or swivel cover	Flip
Vibrate alert	Optional
Video Telephony	Integrated

Messaging

E-mail client	POP3 & IMAP4
EMS	Yes
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
SP-MIDI format	Send & receive
i-melody format	Send & receive

Image

BMP display oversize	Resize
BMP format	Send & receive
GIF animation	Loop supported
GIF display oversize	Resize
GIF format	Send & receive

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JPG display oversize	Resize
JPG format	Send & receive
PNG display oversize	Resize
PNG format	Send & receive
WBMP display oversize	Resize
WBMP format	Send & receive

SMIL

Max pages receive	5 or more (fixed limit)
Max pages send	5 or more (fixed limit)

Video

H.263 format	Send & receive
MPEG4 format	Send & receive
Video Playback	Yes

Operating System & CPU

Internal memory available to user (MB)	140
Operating System	Samsung Proprietary
Processor Type	Qualcomm MSM6250

Standard Battery Specs

Capacity (mAh)	800
Technology	Li-ion
Time average charge (min)	120
Time max standby 2G (hours)	200
Time max standby 3G (hours)	200
Time max talk time 2G (min)	210
Time max talk time 3G (min)	150
Voltage (V)	3.7
Weight (g)	10

Standard Services

Device

Anykey answer	Yes
Auto-redial	Yes
Call timer reset	Yes
Carkit radio mute	Yes
Change PIN1	Yes
DTMF support	Send & store
Device profile URL	http://wap.samsungmobile.com/uaprof/z540UAPProf.rdf

Electronic/mechanical keyguard	Yes
Hardware security	Yes
Last call duration	Yes
Mic mute	Yes
Missed call indicator	Yes
PIN enable	Yes
Phonebook capacity	1000
SMS storage capacity	SIM + device capacity
Silent service	Yes
Start-up security	PIN and/or hardware
Total calls timer	Yes
Welcome greeting	Yes

Network

Adaptive multi rate (AMR)	Yes
CLIR PCB (*31# o/ride)	Yes
CLIR PCBN (#31# o/ride)	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 if busy	Yes
Divert if no answer	Yes
Divert if not available	Yes
Divert if out of reach	Yes
EFR	Yes
Half rate	Yes
SMS originate	Yes
SMS reply	Yes
SMS terminate	Yes
SPN/ONS support	SPN & ONS
Type Approval Code(s)	359969
USSD	Yes
Voicemail icon	Voicemail

Vodafone Customisation

Australia Vodafone live!	Yes
New Zealand Vodafone Live!	Yes

Accessories

Battery

AB503445CEC/STD , Cell Type

Charger

TAD437HBEC/STD , Travel Charger - M20pin

Connectivity

PCB200BBEC/STD , PC USB Link cable

Handsfree

AEP420SSEC/STD , Ear Microphone (necklace)
 AWEP200HBECXSA , Ergonomic BT Headset with charging case - Black
 WEP170HBEG/XSA , Bluetooth Headset Kit - Black
 WKT150HBEG/STD , Bluetooth Headset Kit - Dark Grey

Vehicle

CAD300ABEC/STD , Cig lighter
 CAD300MBEC/STD , Cig Lighter