

Product Datasheet for Samsung SGH-ZV30



Application Features

Digital rights management	Yes
Java support	J2ME
Over the air configuration (OTA)	Yes
SIM toolkit release	11.14

Browsing

WAP	Yes
WAP version	2
WTLS key encryption	No key size limit
WTLS support	Class 2

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
Data cable	Available
Infra red	Yes
Serial port support	Yes
SyncML	Included
T Flash	Yes
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)	25.4
Size length (mm)	88.9
Size width (mm)	47.2
Weight with std batt (g)	110

Display & Imaging

Camera

Camera option	Integrated
Integrated camera res X	960
Integrated camera res Y	1280
Integrated video camera res X	144
Integrated video camera res Y	176
Video capture	Yes

Primary Display

Colour depth	262144
Colour type	Colour
Resolution X	176
Resolution Y	220
Viewable size X (mm)	31
Viewable size Y (mm)	39

Sub Display

Colour depth	65536
Colour type	Colour
Resolution X	62
Resolution Y	80
Sub display	Yes

Environmental

SAR 10g avg Body (W/kg)	0.56
SAR @ 10g avg Head (W/kg)	0.937
Separation distance for Body Measurement if applicable (cm)	1.5

Key Device Features

Calculator	Yes
Carkit option	Portable
Clock	Alarm clock
Download tones/pics	Ringtones & pictures
Event organiser	Calendar & organiser
Games	Pre-installed & downloadable
Handsfree	Integrated + headset incl.
MP3 Player	Included
Rapid text input	T9 standard
Ringtone complexity	Polyphonic & sampled
Slide or flip cover	Flip
Timers	Stopwatch & countdown
Vibrate alert	Yes
Video Telephony	Integrated

Messaging

E-mail client	POP3 & IMAP4
SMTP authentication	Yes

MMS

MMS	Yes
MMS download notify	Yes
Message size max rx (Kb)	Unlimited

Product Datasheet for Samsung SGH-ZV30

Message size max tx (Kb)	300	Auto-redial	No
Audio		Call timer reset	Yes
AMR format	Send & receive	Carkit auto-power-off	No
MIDI format	Send & receive	Carkit radio mute	Yes
MP3 format	Send & receive	Change PIN1	Yes
SP-MIDI format	Send & receive	Change PIN2	Yes
WAV format	No	DTMF support	Send & store
WMD format	No	Device profile URL	http://wap.samsungmobile.com/uaprof/ZV30UAPProf3G.rdf
i-melody format	Send & receive	Electronic/mechanical keyguard	Yes
Image		Hardware security	Yes
BMP display oversize	Resize	Last call duration	Yes
BMP format	Send & receive	Mic mute	Yes
GIF animation	Loop supported	Missed call indicator	Yes
GIF display oversize	Resize	PIN enable	Yes
GIF format	Send & receive	Phonebook capacity	1000
JPG display oversize	Resize	SMS storage capacity	SIM + device capacity
JPG format	Send & receive	Silent service	Yes
PNG display oversize	Resize	Start-up security	PIN and/or hardware
PNG format	Send & receive	Total calls timer	Yes
TIFF format	No	Welcome greeting	Yes
WBMP display oversize	Resize	Network	
WBMP format	Send & receive	Adaptive multi rate (AMR)	Yes
SMIL		CLIR PCB (*31# o/ride)	Yes
Background	Receive only	CLIR PCBN (#31# o/ride)	Yes
Max pages receive	5 or more (fixed limit)	CPHS CFF	Yes
Max pages send	5 or more (fixed limit)	CPHS VWF	Yes
Page timing default (s)	5	Call conference	Yes
Text		Call hold	Yes
Font size options	Small & large supported	Call transfer	Yes
Formatting options	Bold & italic	Call wait	Yes
Video		Caller ID	Yes
3GPP format	Send & receive	Cancel diverts	Yes
AVI format	No	Cell broadcast	Yes
H.263 format	Send and receive	Divert all voice calls	Yes
MPEG4 format	Send & receive	Divert data calls	Yes
Video Playback	Yes	Divert fax calls	No
Operating System & CPU		Divert if busy	Yes
Internal memory available to user (MB)	50	Divert if no answer	Yes
Standard Battery Specs		Divert if not available	Yes
Capacity (mAh)	1000	Divert if out of reach	Yes
Technology	Li-ion	EFR	Yes
Time average charge (min)	120	FACCH call setup	Yes
Time max standby 2G (hours)	260	Half rate	Yes
Time max standby 3G (hours)	220	SMS originate	Yes
Time max talk time 2G (min)	204	SMS replace	Yes
Time max talk time 3G (min)	132	SMS reply	Yes
Voltage (V)	3.7	SMS terminate	Yes
Weight (g)	10	SPN/ONS support	SPN & ONS
Standard Services		Type Approval Code(s)	356589
Device		USSD	Yes
Anykey answer	Yes	Voicemail icon	Voicemail
Auto-answer	No	Video Telephony Specs	
		Total Bit Rate (bits)	128
		Video Telephony Display Size	
		Resolution X	144

Product Datasheet for Samsung SGH-ZV30

Resolution Y 176

Video and Audio Format

H.263+AMR-NB Yes

Vodafone Customisation

New Zealand Vodafone Branded Yes

New Zealand Vodafone Live! Yes

Accessories

Battery

BST474ASEC/STD , 1000mAh, Li-Ion battery - ZV30 (silver)

Charger

TCH137HSEC/STD , Travel Charger - 24pin

Connectivity

PKT170LBEG/STD , PC Data Link Kit

Handsfree

AEP411NSEC/STD , Necklace headset - Stereo - 10pin

AEP421SSEC/STD , Straight headset - Stereo - 10pin

WKT150EBEG/STD , Bluetooth Headset WEP150

Vehicle

CCH200WBEC/STD , Car charger 12/24V - 24pin

CCR040SBEC/STD , Car cradle - universal

HKT100BDEG/STD , Bluetooth Handsfree Carkit

HKT110DDEC/STD , Stylish Handsfree Carkit, portable -10pin