

Product Datasheet for Sharp V550SH



Application Features

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

Browsing

HTML	Yes
WAP	Yes
WAP version	2
WTLS key encryption	1024
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 & fax
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)	18.8
Size length (mm)	111.3
Size width (mm)	48
Weight with std batt (g)	96

Display & Imaging

Camera

Camera option	Integrated
Integrated camera res X	960
Integrated camera res Y	1280
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	240
Resolution Y	320
Viewable size X (mm)	29.16
Viewable size Y (mm)	38.88

Environmental

SAR 10g avg Body (W/kg)	0.8
SAR 1g avg Body (W/kg)	0.702
SAR @ 10g avg Head (W/kg)	0.996
SAR @ 1g avg Head (W/kg)	0.925
Separation distance for Body Measurement if applicable (cm)	1.5

Key Device Features

Calculator	Yes
Clock	Alarm clock
Download tones/pics	Ringtones & pictures
Event organiser	Calendar & organiser
Force feedback compatible	Yes
Games	Pre-installed & downloadable
Handsfree	Headset incl.
MP3 Player	Included
Rapid text input	T9 standard
Ringtone complexity	Polyphonic
Vibrate alert	Yes
Video Telephony	Integrated

Messaging

E-mail client	POP3
SMTP authentication	Yes

MMS

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

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Message size max tx (Kb) 100

Audio

AMR format Send & receive
 MIDI format Send & receive
 MP3 format No
 SP-MIDI format Send & receive
 WAV format Send & receive
 WMD format No
 i-melody format Send & receive

Image

BMP format Send & receive
 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 5 or more (fixed limit)
 Max pages send 5 or more (fixed limit)
 Page timing default (s) 2

Text

Font size options Normal only

Video

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

Operating System & CPU

Internal memory available to user (MB) 5
 Processor Speed (MHz) 58.8
 Processor Type Intel StrongARM

Standard Battery Specs

Capacity (mAh) 780
 Technology Li-ion
 Time average charge (min) 120
 Time max standby 2G (hours) 290
 Time max standby 3G (hours) 300
 Time max talk time 2G (min) 150
 Time max talk time 3G (min) 100
 Voltage (V) 3.7
 Weight (g) 19.8

Standard Services

Device

Anykey answer Yes
 Auto-answer Yes
 Auto-redial Yes
 Call timer reset Yes

Change PIN1 Yes
 Change PIN2 Yes
 DTMF support Send & store
 Device profile URL http://www.sharp-mobile.com/UAPProf/550SH_G001_base.xml & http://www.sharp-mobile.com/UAPProf/550SH_G001_3g.xml

Last call duration Yes
 Mic mute Yes
 Missed call indicator Yes
 PIN enable Yes
 Phonebook capacity 500 + SIM
 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) Yes
 CLIR PCB (*31# o/ride) Yes
 CLIR PCBN (#31# o/ride) Yes
 CPHS CFF Yes
 CPHS VWF No
 Call conference Yes
 Call hold Yes
 Call transfer Yes
 Call wait Yes
 Caller ID Yes
 Cancel diverts Yes
 Cell broadcast No
 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 only
 Type Approval Code(s) 35814400
 USSD Yes
 Voicemail icon Voicemail

Video Telephony Specs

Total Bit Rate (bits) 64

Video Telephony Display Size

Resolution X 240
 Resolution Y 320

Video and Audio Format

H.263+AMR-NB Yes

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MPEG4+AMR-NB Yes

Vodafone Customisation

New Zealand Vodafone Live! Yes

Accessories

Battery

XN-1BT30 , 780mAh, Li-ion battery

Charger

XN-1CL30 , Cigarette lighter charger

XN-1QC32 , AC charger (SAA)

Connectivity

XN-1DC30 , USB data cable

Handsfree

XN-1HS90 , Personal hands-free kit

XN-1HU90 , Handsfree Microphone Unit