

# Product Datasheet for Sony Ericsson W980



## Application Features

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

## Browsing

HTML	Yes
WAP	Yes
WAP version	2.0
WTLS key encryption	1024
WTLS support	Class 3

## Communication Classes

3GSM	Yes
Extended GSM (EGSM)	Yes
GSM bands	GSM 850/900/1800/1900
HSCSD	Yes
HSCSD multislots	2+1
HSDPA	Yes

## 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
Serial port support	Yes
SyncML	Included
USB port support	Yes

## Bluetooth

Bluetooth	Yes
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## Dimensions

Size depth (mm)	16.9
Size length (mm)	92
Size width (mm)	46
Weight with std batt (g)	100

## Display & Imaging

### Camera

Camera Megapixels	3.2
Camera option	Integrated
Integrated camera res X	2048
Integrated camera res Y	1536
Integrated video camera res X	320
Integrated video camera res Y	240
Video capture	Yes

### Primary Display

Colour depth	262
Colour type	Colour
Resolution X	320
Resolution Y	240
Viewable size X (mm)	34
Viewable size Y (mm)	46

### Sub Display

Colour depth	262
Colour type	Colour
Resolution X	172
Resolution Y	172

## Environmental

SAR 10g avg Body (W/kg)	0.94
SAR @ 10g avg Head (W/kg)	0.67
Separation distance for Body Measurement if applicable (cm)	1.5

## Key Device Features

Calculator	Yes
Carkit option	Portable
Chinese character support	Available
Clock	Alarm clock
Download tones/pics	Ringtones & pictures
Event organiser	Calendar & organiser
Force feedback compatible	Yes
Games	Pre-installed & downloadable
Handsfree	Integrated + headset incl.
MP3 Player	Included
Radio	FM
Rapid text input	T9 standard
Ringtone complexity	Polyphonic & sampled
Slide, flip or swivel cover	Flip
Timers	Stopwatch & countdown
Vibrate alert	Yes
Video Telephony	Integrated
Voice activation	Vox dial & command

## Messaging

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

## MMS

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

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Message size max tx (Kb) 300

## Audio

AMR format Send & receive  
 MIDI format Send & receive  
 MP3 format Receive only  
 MP4 Send & Received  
 SP-MIDI format Send & receive  
 WAV format No  
 WMD format No  
 i-melody format Receive only

## Image

BMP display oversize Scroll only  
 BMP format Send & receive  
 GIF animation Loop supported  
 GIF display oversize Scroll only  
 GIF format Receive only  
 JPG display oversize Scroll only  
 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) 5

## Text

Font size options Small & large supported  
 Formatting options Bold, italic & underline

## Video

3GPP format Send & receive  
 AVI format No  
 H.263 format Send & receive  
 MPEG4 format Send & receive  
 Video Playback Yes

## Operating System & CPU

Internal memory available to user (MB) 8192  
 Operating System Sony Ericsson  
 Processor Type Intel StrongARM

## Standard Battery Specs

Capacity (mAh) 930  
 Technology Li-polymer  
 Time average charge (min) 210  
 Time max standby 2G (hours) 300  
 Time max standby 3G (hours) 300  
 Time max talk time 2G (min) 420  
 Time max talk time 3G (min) 240  
 Voltage (V) 3.6  
 Weight (g) 12

## Standard Services

## Device

Anykey answer Yes  
 Auto-answer Yes  
 Auto-redial Yes  
 Call timer reset Yes  
 Carkit auto-power-off N/A  
 Carkit radio mute N/A  
 Change PIN1 Yes  
 Change PIN2 Yes  
 DTMF support Send & store  
 Device profile URL <http://wap.sonyericsson.com/UAprof/W980R101-HS.xml>  
 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 divers Yes  
 Cell broadcast Yes  
 Divert all voice calls Yes  
 Divert data calls Yes  
 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) 35535302  
 USSD Yes  
 Voicemail icon Voicemail

## Video Telephony Specs

Total Bit Rate (bits) 64

## Video Telephony Display Size

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Resolution X	128
Resolution Y	96

## Video and Audio Format

H.263+AMR-NB	Yes
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## Vodafone Customisation

New Zealand Vodafone Live!	Yes
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