

Sony Ericsson txt pro™



CK15i, CK15a

Purpose of this document

Sony Ericsson product White papers are intended to give an overview of a product and provide details in relevant areas of technology.

Document history

Version

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Product overview

Sony Ericsson txt pro™ – Chat with a snap

Is anyone kick flipping at the skatepark? Are you the only one wearing orange at the party? Find out the easy way. Use the Friends app. Add your five best friends from your phonebook and see at a glance when they say smart things on Facebook™ or tell tales on Twitter™. Then text right back without the wait. Making your friends the centre of attention couldn't be easier. Enjoy!

Chill out at the hotspot

Sony Ericsson txt pro™ has Wi-Fi®. So you can see what's cool from any hotspot. Snap a quick photo of yourself at the concert. Just to prove you got in. Then upload to everyone. Or just chill out at the café and browse around to get the low-down at high speed – without worrying about the bill if you use a free hotspot*.

What you want. Where you want it

Chat at the speed of life. Simply snap out the full keyboard and type away with ease. Or quickly check out the most popular videos on YouTube™ on the large 3-inch touchscreen. Fancy getting more personal? Drag and drop the apps you want to the corners you want on your Home screen. Twitter™ top right? Friends bottom left? Easy with Sony Ericsson txt pro™ – it's bursting with social power.



**Not all Wi-Fi® hotspots are free of charge.*

Facts – dimensions, weight, performance and networks










Operating system	Sony Ericsson proprietary OS
Processor	PNX-4910
Size	93 x 52 x 18 mm
Weight	100 grams
Available colours	Black White Pink
Main screen	
Colours	262,144 colour TFT
Resolution	400x240 pixels
Size (diagonal)	3 inches
Scratch-resistant	Yes
Input mechanisms	
QWERTY keyboard	4 x 10
Text input	Quick text (Zi)
Touch screen	Capacitive (single touch)
Touch gesture	Single touch
Motion sensor	Accelerometer
Memory	
Internal phone storage	Up to 100 MB (up to 100 MB free of use memory)
RAM	64 MB
Expansion slot	microSD™, up to 32 GB
Camera	
Camera resolution	3.2 megapixel
Video recording	Yes, MPEG4 (QVGA)
Sensors	
Accelerometer	Yes
Proximity sensor	Yes
Networks	
CK15i	GSM GPRS/EDGE 850, 900, 1800, 1900
CK15a	GSM GPRS/EDGE 850, 900, 1800, 1900

Data transfer speeds	
GSM GPRS (Class 10 CS4)	Up to 85.6 kbps (download). Up to 42.8 Kbps (upload).
GSM EDGE (Class 10 MCS9)	Up to 236.8 kbps (download). Up to 118.4 Kbps (upload).
Talk time (GSM)	Up to 5 hours 10 min*
Standby time (GSM)	Up to 400 hours*
Battery	1000 mAh

**According to GSM Association Battery Life Measurement Technique.*

Note: Battery performance may vary depending on network conditions and configuration, and phone usage.

Categorised list of features

 <p>Camera 3.2 megapixel camera Send to web Video recording</p>	 <p>Music Bluetooth™ stereo (A2DP) Clear stereo Media player Music tones (MP3/AAC) PlayNow™ service* Sony Ericsson Music Player TrackID™ music recognition</p>	 <p>Internet Bookmarks Google™ search Web browser (Obigo™ Q7)</p>
 <p>Communication Call list Conference calls Facebook™ application Polyphonic ringtones Speakerphone Twitter™ application Vibrating alert Friends application Google Talk™ Multiple IM</p>	 <p>Messaging Conversations Email Instant messaging Multimedia messaging (MMS) Predictive text input Sound recorder Text messaging (SMS)</p>	 <p>Design Auto rotation Four-corner Home screen Keyboard (on-screen, 12 key) Keyboard (QWERTY) Picture wallpaper Touchscreen</p>
 <p>Entertainment Java™ Media browser Radio (FM radio with RDS) Video viewing</p>	 <p>Organiser Alarm clock Calculator Calendar Flight mode Notes Phonebook Stopwatch Timer Widget manager</p>	 <p>Connectivity 3.5 mm audio jack Bluetooth™ technology Micro USB support Modem USB mass storage USB High speed 2.0 support Wi-Fi®</p>

* This service is not available in all markets.

Technologies in detail

NOTE: The information outlined below is general and levels of compliance to standards and specifications may vary between products and markets. For more information, contact Sony Ericsson Developer World or your Sony Ericsson contact person where applicable.

Device-to-device communications (local)

Bluetooth™ wireless technology

Bluetooth™ profiles supported	Generic Access Profile Headset Profile Handsfree Profile Object Push Profile Advanced Audio Distribution Profile AVRCP V1.0
Core version and supported features	Version 2.1
Connectable devices	All products support at least one of the profiles above.

Wi-Fi®

Supported standards	IEEE 802.11b/g and Wi-Fi®
Connectable devices	Wi-Fi® or WAPI access points
Frequency band	2.4 GHz
Data transmission rate	Up to 54 Mbps
Security	WEP 64 bit, 128bit WPA-PSK, WPA2-PSK WAPI-PSK WAPI-Certificate
Encryption	TKIP, AES

Java™

Java™ Platform, Micro Edition	JSR-75 PDA Optional Packages JSR-118 J2ME Mobile Information Device Profile JSR-120 J2ME Wireless Messaging API JSR-135 J2ME Mobile Media API JSR-139 Connected Limited Device Configuration JSR-172 J2ME Web Services Specification JSR-185 Java Technology for the Wireless Industry JSR-211 Content Handler API JSR-256 Mobile sensor API
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More information: www.sonyericsson.com/developer

Messaging

(MMS) Multimedia Messaging Service

According to OMA Multimedia Messaging Service v1.0 + SMIL

Email

Bearer type (IP)	GSM Data (IP) and GPRS
Character sets	BIG5 GB2312 Simplified Chinese ISO2022JP ISO-8859-1 ISO-8859-10 Nordic ISO-8859-2 Eastern Europe ISO-8859-7 Greek ISO-8859-9 Turkish KOI8 Shift JIS UCS-2/ISO10646 UCS2 USASCII UTF-8 UTF-16 Windows® 1251 Cyrillic Windows® 1252 Windows® 1254 Turkish Windows® 1255 Hebrew Note: GB2312 is available in Simplified Chinese variants only, that is, Mainland China variants. BIG5 is only available in Traditional Chinese variants, that is, Hong Kong and Taiwan variants.
OTA provisioning solution	OMA Client Provisioning 1.1
Protocols	POP3, SMTP and IMAP4

Multimedia (audio and video)

Audio Playback	Decoder format	Supported in file format
	AAC AAC+ eAAC+ AMR-NB AMR-WB MP3	3GP (.3gp) AAC (.aac) MP4 (.mp4) AMR (.amr) MP3 (.mp3)
Ringtone playback	Decoder format	Supported in file format
	AAC AAC+ eAAC+ MP3 MIDI WMA	3GP (.3gp) AAC (.aac) MP4 (.mp4) MP3 (.mp3) SMF (.mid) WMA (.wma)
Audio Recording	Encoder format	Supported in file format
	AMR-NB	AMR (.amr)
Image playback	Decoder format	Supported in file format
	1, 4, 8, 16, 24, 32 bpp and RLE encoded formats Single and multi-frame, bitmap mask support (GIF87a format and GIF89a format) Joint Photographic Experts Group Portable Network Graphics Bitmap mask support Wireless Bitmap	BMP (.bmp) GIF (.gif) JPEG (.jpg) PNG (.png) WBMP (.wbmp)
Image Capture	Encoder format	Supported in file format
	Joint Photographic Experts Group	JPEG (.jpg)
Video Playback	Decoder format	Supported in file format
	MPEG-4 Visual Simple Profile H.263 Profile 0	3GP (.3gp); MP4 (.mp4)
Video Recording	Encoder format	Supported in file format
	Video: MPEG-4 Visual Simple Profile Audio: AAC-LC	3GP (.3gp)

Web browser

Browser version	Obigo™ Q7
Bookmarks	Folders and sorting supported
Bookmark export/import	Bookmarks can be sent and received in vBookmark format using Bluetooth™ technology, SMS, MMS and email
Navigation/rendering	Full page PC rendering
Search	Internet Search
Browser compliancy	HTML version 4.01 XHTML Basic version 1.0 XHTML version 1.0 XHTML Mobile Profile version 1.1 WML 1.1, 1.2.1 and 1.3 CSS 2.1 ECMAScript Mobile Profile 1.0 DOM 2.0
Protocol Compliancy	HTTP/1.1

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