

WHITE PAPER

# Sony Ericsson T715

June 2009



Sony Ericsson

# Purpose of this document

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

## Document history

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Version		
June 2009	First released version	Revision 1

## Sony Ericsson Developer World

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# Product overview

## T715 - Add a little luxury to your life

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Marvel at mails. Beam into your blog. Dial the first date in your diary. Start your day gazing into a high-class finish. With the T715 in your hand you'll sort out your life with a smile on your face. It has great things to offer in the easiest-to-use way. Like ergonomic keypad and large font size for texting and emailing. And Google™ search, favourite web sites and your calendar right under your thumb. Do more with a little less. That's luxury, don't you think?

### **How is everyone?**

In time for the train, or more time to train? Browse the web at super-fast speeds so you're up-to-date in an instant. While you're online, check out the forecast for the next ten days with AccuWeather.com®. Want to be popular at parties? Use the smart desktop with animated birthday reminders and global events. Remind yourself of what's going on and people will always be pleased to see you.

### **Dark outside? Turn on the light**

Seeing is believing, isn't it? Why not add some make-believe with clear photos from the 3.2 megapixel camera? View everything on the ultra-bright 2.2" screen. And when the going gets dark, switch on photo light and take great shots. Even if the lighting isn't perfect.












## Facts – dimensions, weight, performance and networks

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<b>Size</b>	91.5 x 48 x 15 mm
<b>Weight</b>	96.5 grams
<b>Available colours</b>	Galaxy Silver Rouge Pink
<b>Main screen</b>	
Colours	262,144 colour TFT
Resolution	240 x 320 pixels
Size (diagonal)	2.2 inches
<b>Memory</b>	
Phone memory	Up to 90 MB
Memory card support	SanDisk microSD™
<b>Networks</b>	
Variant 1	UMTS HSPA 2100 (Band I) GSM GPRS/EDGE 850, 900, 1800, 1900
Variant 2	UMTS HSPA 850 (Band V), 1900 (Band II), 2100 (Band I) GSM GPRS/EDGE 850, 900, 1800, 1900
<b>Data transfer speeds</b>	
GSM GPRS (Class 10)	Up to 48 kbps
GSM EDGE (Class 10)	Up to 237 kbps
UMTS HSPA cat. 5 (upload)	Up to 2.0 Mbps
UMTS HSPA cat. 8 (download)	Up to 7.3 Mbps
<b>Talk time (GSM)</b>	Up to 10 hours
<b>Standby time (GSM)</b>	Up to 400 hours
<b>Talk time (UMTS)</b>	Up to 4 hours
<b>Standby time (UMTS)</b>	Up to 350 hours
<b>Video call time</b>	Up to 3 hours

## Full feature list – categorised list of features

 <p><b>Camera</b>            3.2 megapixel camera            3.2 x digital zoom            Geo tagging            Photo feeds            Photo fix            Photo light            Picture blogging            Video blogging            Video recording</p>	 <p><b>Music</b>            Album art            Bluetooth™ stereo (A2DP)            Music player            Media player            MEGA BASS™            Music tones (MP3/AAC)            PlayNow™            TrackID™</p>	 <p><b>Web</b>            Access NetFront™ web browser            Bookmarks            Google™ search            Pan &amp; zoom            Web feeds            Web search (from standby)</p>
 <p><b>Communication</b>            Call list            Conference calls            Polyphonic ringtones            Speakerphone            Vibrating alert            Video calling (main camera)</p>	 <p><b>Messaging</b>            Conversations            Email            Microsoft Exchange ActiveSync®            Instant messaging            Picture messaging (MMS)            Predictive text input            Sound recorder (amr)            Text messaging (SMS)            Unified messaging</p>	 <p><b>Design</b>            Activity menu key            Light            Media browser            Navigation key            Picture wallpaper            Wallpaper animation</p>
 <p><b>Entertainment</b>            3D games            FM radio            Java™            Video streaming            Video viewing            YouTube™</p>	 <p><b>Organiser</b>            Alarm clock            Calculator            Calendar            Flight mode            Notes            Phone book            Stopwatch            Tasks            Timer</p>	 <p><b>Connectivity</b>            Bluetooth™ technology            Google Maps™            Modem            Pictbridge™            Synchronisation            USB mass storage            USB support</p>

# 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 Developers World or your Sony Ericsson contact person where applicable.

## Device-to-device communications (local)

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### Bluetooth wireless technology

Bluetooth™ profiles supported	<ul style="list-style-type: none"> <li>Advanced Audio Distribution Profile</li> <li>Audio/Video Remote Control Profile</li> <li>Basic Imaging Profile</li> <li>Dial-up Networking Profile</li> <li>File Transfer Profile</li> <li>Generic Access Profile</li> <li>Generic Object Exchange Profile</li> <li>Handsfree Profile</li> <li>Headset Profile</li> <li>Human Interface Device Profile</li> <li>Object Push Profile</li> <li>Personal Area Networking Profile</li> <li>Phonebook Access Profile</li> <li>Serial Port Profile</li> <li>Synchronisation Profile</li> <li>SyncML OBEX binding</li> </ul>
Connectable devices	All products supporting Bluetooth spec. 1.1, or higher, and at least one of the profiles above

More information:

[www.sonyericsson.com/developer](http://www.sonyericsson.com/developer)

<http://www.bluetooth.com>

# Java™

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Java™ Platform, Micro Edition	JSR-75 PDA Optional Packages for J2ME™ JSR-82 Bluetooth Wireless Technology API JSR 118 MIDP 2.0 JSR-120 Wireless Messaging API JSR-205 Wireless Messaging API 2.0 JSR-135 Mobile Media API 1.1 JSR 139 CLDC 1.1 JSR-172 J2ME™ Web Services Specification JSR-177 Security and Trust Services API for J2ME™ JSR-180 SIP API for J2ME™ JSR-184 Mobile 3D Graphics API for J2ME™ JSR 185 Java™ Technology for the Wireless Industry JSR-211 Content Handler API JSR-226 SVG API for J2ME™ JSR-229 Payment API JSR-234 Advanced Multimedia Supplements JSR-238 Mobile Internationalisation API JSR-239 OpenGL ES JSR-248 Mobile Services Architecture JSR-256 Mobile Sensor API (accelerometer) Nokia UI Extension API
Java 3D	Mascot Capsule Micro3D Version 3 JSR-239 OpenGL ES JSR-184 Mobile 3D Graphics API for J2ME™

## Messaging

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### (MMS) Multimedia Messaging Service

According to OMA Multimedia Messaging Service v1.2 + SMIL



## Email

Bearer type (IP)	GSM Data (IP) GPRS and HSCSD
Character sets	USASCII UTF-7 UTF-8 UTF-16 UTF-17LE UTF-16BE UCS-2 / ISO10646 UCS2 ISO-8859-1 ISO-8859-2 Eastern Europe ISO-8859-5 Cyrillic ISO-8859-7 Greek ISO-8859-9 Turkish ISO-8859-10 Nordic ISO-8859-11 Thai ISO-8859-15 Western MR5 KOI8 GB18030 Simplified Chinese GB2312 Simplified Chinese BIG5 ISO2022JP Windows 1251 Cyrillic Windows 1252 Windows 1254 Turkish Windows 1255 Hebrew Windows 1258 Vietnamese Shift JIS  Note: GB2312 is only available in Simplified chinese variants only, i.e. China variants.  BIG5 is only available in Traditional chinese variants, i.e. Hong Kong and Taiwan variants.
OTA provisioning solution	OMA Client Provisioning 1.1
Protocols	POP3, SMTP and IMAP4
Push email	IMAP IDLE (extension of IMAP4 Rev1), OMA Email Notification 1.0 and scheduled checking, Exchange Active-Sync® (EAS)
Secure email	SSL/TLS, both port methods (POPS/IMAPS) and START-TLS
HTML mail	Yes

### More information:

[www.sonyericsson.com/developer](http://www.sonyericsson.com/developer)

<http://www.openmobilealliance.org>

# Multimedia

## Audio & Video

<b>Audio Playback</b>	<b>Decoder format</b> Audio decoding MPEG-1/2/2.5, audio layer 3 AAC, AAC+, eAAC+  AMR-NB AMR-WB  AMR-WB+  WMA version 2,7,8: Class 1 WMA version 9: Level 3 WMA Pro (profile M0a) General MIDI (GM) GML SP-MIDI DLS (Mobile DLS supported) Linear/A-law/.-law PCM iMelody	<b>Supported in file format</b> MP3 (.mp3)  3GP (.3gp); AAC (.aac); MP4 (.mp4, .m4a) 3GP (.3gp); AMR (.amr) 3GP (.3gp); AMR (.amr) ; AMR-WB (.awb) 3GP (.3gp); AMR (.amr) ; AMR-WB (.awb) WMA (.wma) WMA (.wma) WMA (.wma) SMF (.mid) SMF (.mid) SMF(.mid); XMF (.xmf, .mxmf) XMF (.xmf) WAV (.wav) iMelody (.imy)
<b>Audio Recording</b>	<b>Encoder format</b> AMR-NB AAC-LC	<b>Supported in file format</b> AMR (.amr) MP4 (.m4a)
<b>Video Playback</b>	<b>Decoder format</b> MPEG-4 Visual Simple Profile H.264 Baseline Profile H.263 Profile 0 VC-1 (WMV9)	<b>Supported in file format</b> 3GP (.3gp); MP4(.mp4) 3GP (.3gp); MP4(.mp4) 3GP (.3gp) ASF (.asf, .wmv)
<b>Video Recording</b>	<b>Encoder format</b> - Video: H.263 Profile 0 - Audio: AMR-NB" - Video: MPEG-4 Visual Simple Profile - Audio: AAC-LC"	<b>Supported in file format</b> 3GP (.3gp)  MP4 (.mp4)
<b>Audio/Video Streaming</b>	Streaming transport	RTSP according to 3GPP™
<b>DRM</b>	DRM (Digital Rights Management) features the rights and copy protection of downloaded content.	OMA DRM 1.0, 2.0, 2.1 Microsoft DRM Janus

## Provisioning (OMA CP, OMA DM)

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OMA CP version 1.1

OMA DM version 1.1.2, 1.2

Related information

[www.sonyericsson.com/developer](http://www.sonyericsson.com/developer)

## Synchronisation (OMA DS, EAS)

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OMA Data Synchronisation protocol versions 1.1.2 and 1.2

OMA Data Formats: vCard 2.1, vCalendar 1.0, vBookmark 1.0, notes as text/plain

Microsoft Exchange ActiveSync® protocol version 2.5

Related information

[www.sonyericsson.com/developer](http://www.sonyericsson.com/developer)

## Web browser

Browser version	Access NetFront 3.4
Bookmarks	Folders and sorting supported
Bookmark export/import	Bookmarks can be sent and received using vBookmark format using Bluetooth™, SMS, MMS and email
Navigation/rendering	Pan & Zoom Landscape/portrait rendering Full page PC rendering
Search	Internet Search Find on web page
Web feeds	Feeds detection in Browser Feeds ticker on Idle Screen Feeds reader Podcasting
Web albums	Publish to Picasa Publish to a social site Publish to Blogger

## Web browser

Browser compliancy	HTML version. 4.01 XHTML Basic version 1.0 XHTML version 1.1 XHTML Mobile Profile version 1.1 WML 1.3  CSS 2.1 WCSS Version 26-Oct-2001  ECMA-script 262 3 :rd edition ECMAScript Mobile Profile 1.0 HTTPXMLRequest AJAX  DOM 2.0 SVG Tiny, version 1.2
Protocol Compliancy	HTTP/1.1 TLS 1.0 and SSL 3.0 OMA Download 1.0 RSS 2.0

### Related information

[www.sonyericsson.com/developer](http://www.sonyericsson.com/developer)

[http://www.access-company.com/products/mobile\\_solutions](http://www.access-company.com/products/mobile_solutions)

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