

Product Comparison

July 2004

P910/P900



Sony Ericsson

Preface

Purpose of this document

The Sony Ericsson Product Comparison is designed to compare products and describe their differences. This document will make it easier to integrate Sony Ericsson products with the IT and communications solutions of a company or organization.

People who can benefit from this document include:

- Corporate buyers
- IT Professionals
- Software developers
- Support engineers
- Business decision-makers

More information, useful for product, service and application developers, is published at

<http://www.SonyEricsson.com/developer/>

where you find up-to-date information about technologies, products and tools.

Sony Ericsson Mobile Communications AB
Box 64,
SE-164 94 Kista, Sweden
Telephone: +46 8 508 78000
www.SonyEricsson.com/

© Sony Ericsson Mobile Communications AB, 2004. All rights reserved. You are hereby granted a license to download and/or print a copy of this document. Any rights not expressly granted herein are reserved.

First edition (June 2004)

This document is published by Sony Ericsson Mobile Communications AB, without any warranty*. Improvements and changes to this text necessitated by typographical errors, inaccuracies of current information or improvements to programs and/or equipment, may be made by Sony Ericsson Mobile Communications AB at any time and without notice. Such changes will, however, be incorporated into new editions of this document. Printed versions are to be regarded as temporary reference copies only.

*All implied warranties, including without limitation the implied warranties of merchantability or fitness for a particular purpose, are excluded. In no event shall Sony Ericsson or its licensors be liable for incidental or consequential damages of any nature, including but not limited to lost profits or commercial lost, arising out of the use of the information in this document.

Contents

- Preface..... 2**
- Introduction..... 4
- Software..... 4
 - User Interface 4
 - Email Improvements 4
 - Document Viewers 5
 - MMS 5
 - PC Synch 5
 - Advanced Telephony 5
 - Corporate Telephony 5
 - Music Player 5
 - Browser improvements..... 5
 - Storage Wizard 6
 - Memory Stick PRO Duo 6
 - Bluetooth..... 7
 - Java 7
- Mechanics 8
 - Industrial design..... 8
 - Flip Keyboard..... 9
 - Customization area 9
 - Keypad..... 9
 - Printed circuit board 9
 - Internal memory 9
 - Bluetooth..... 10
 - Camera 10
 - Display 10
- Miscellaneous..... 10
 - Accessories..... 10
 - Manuals 10
 - Languages 10
 - Applications on CD for P910 series..... 11
- Related information 12
 - Documents..... 12
 - Links 12
 - Trademarks and acknowledgements..... 12

Introduction

The Sony Ericsson P910 is based on the P900 Smartphone. This means that to a large extent they have the same features, but some important differences exist both in hardware and software.

There are four basic models in the P910i series:

- Standard P910i (Europe, Middle East and Africa)
- P910i Chinese (Taiwan, Hong Kong and Singapore)
- P910a (850 MHz version for North and Latin America)
- P910c (People's Republic of China)

For an overview of the different models, refer to the P910 Series White paper.

Software

P910 contains the following additional software features:

- New Viewer software for MS Word complete with editing functionality
- New Viewer software for Excel complete with editing functionality
- New Viewer software for PDF
- New image formats
- New Themes

User Interface

Larger application launcher icons in flip closed.

Email Improvements

Improved IMAP4 handling

Improved IMAP4 handling gives support for read/unread status.

Remote folders

For IMAP4 type accounts you can subscribe to remote folders that are located on the server.

Local email folders

To improve the organization of your folders you can create more folders locally on your smartphone. All you have to do is to select Edit folders from the folder menu and then select Add. Folders created this way are only visible in the Messages application. Messages cannot be created on the Memory Stick.

This feature gives you the possibility of being able to download only recent messages and to select how many of the recent messages to download.

HTML messages in plain text

Support for view of HTML text in messages.

Time window

Support for downloading only recent messages.

Document Viewers

The viewers from Stellant are removed.

QuickOffice viewers for Word, Excel and PDF files are added. The Word and Excel viewers will also support editing.

A PowerPoint viewer is available on the "Multimedia CD".

MMS

P910 Series supports all mandatory requirements in MMS Conformance 1.2 (OMA MMS).

PC Synch

P910 Series supports Outlook2003 and Lotus Notes 6.0/6.5.

Advanced Telephony

Improved behavior for call handling:

- At incoming call the phone will switch to the phone application (regardless of previous application).
- At incoming call, a common view will offer the most relevant alternatives (e.g. Call Filter, Call Forwarding and Silent mode).
- Quick access to call filter in flip closed.
- The icons in the "Incoming call dialog (e.g. Answer) has been made larger.
- Initiating a 2nd call (from within a call) has been made easier.
- Setting up a Conference Call has been made easier.
- Sending DTMF tones (from within a call) has been made easier.

Corporate Telephony

Just as P900, the P910 Series smartphones can be integrated into a corporate telephony environment* so you can use your phone also as an intelligent terminal for your fixed line connection – you don't need your desktop phone.

*- *depending on the office PABX environment*

Music Player

The Music player in P910 Series can also play AAC format audio encoded into .aac, .m4a, .mp4 files.

Browser improvements

The P910 Series browser offers a number of new features:

Narrow Layout

The Internet application can now display a Web page in two different ways:

- As you are used to see it on your computer. This makes it easier for you to recognise the page and find the way to your favourite spots.
- Reformatted to fit the width of the screen (Narrow layout). This means you don't have to scroll pages horizontally.

One-Hand Navigation

You can browse the Internet using only the Jog Dial.

Select Narrow layout mode to avoid horizontal scrolling.

Hotspot navigation

Hotspots are links, radio buttons, check boxes, input fields, select lists and buttons on a Web page.

Rotate the Jog Dial to select a hotspot. By pressing the Jog Dial inwards you can then:

- Open a link or list
- Select a radio button
- Select or clear a check box
- Select an item in a list
- Press a button

You can press the Jog Dial forwards to bring up a menu with useful commands. Use the Back command to go to the previous Web page.

Page scrolling

Rotate the Jog Dial faster to scroll the Web page up and down.

If you always use the Jog Dial for scrolling Web pages, you can remove the vertical scroll bar.

Scan text

To find the way to your favourite Web page spots, you can use the scan text function. Make sure no hotspot is selected and then press the Jog Dial inwards. You can also select Scan text from the Internet menu.

The application will scan for and pan to the most text frequent part of the page.

Repeat the operation find the next text frequent area.

Storage Wizard

The Storage Wizard enables you to quickly free-up storage space used by applications, media or other files and messages. It is easily accessible by clicking the Storage Wizard icon on the Application Menu Three simple steps which will guide you through the following:

Step 1 Applications. Remove applications that you no longer use such as the pre-installed Demo.

Step 2: Files. Get a list of the image, audio and video files on the device. You can delete files you no longer need or move them to your Memory Stick.

Step 3 Messages. See how much storage is used by messages in different folders. Delete the ones you no longer need.

Memory Stick PRO Duo

The P910 Series now has enhanced Memory Stick Pro support with up to 1 GB. (Parallel mode is not supported).

Bluetooth

Behavior changed in P910 Series so no authentication is required for outbound connections.

Car Handsfree profile

Support for Bluetooth Car handsfree HCB-300 accessory.

Sniff mode

P910 series supports Sniff mode.

Java

The P910 Series offers the following upgrades on Java functionality compared to P900:

- All mandatory parts of the Joint Technology for Wireless Industry (JTWI) R1 specification (JSR-185) supported
- API support added for Full Screen Canvas, Vibrator and Backlight
- Access to IMEI number and software Version

Mechanics



Industrial design

P910 Series features a new design ID, but with limited mechanical changes except for the redesigned numerical keypad on the outside of the flip.

The main functional change is the addition of a 33-key keyboard for text entry on the inside of the flip.

The new keypad, the added keyboard on flip inside, brings P910 Series a refreshed and sophisticated look.

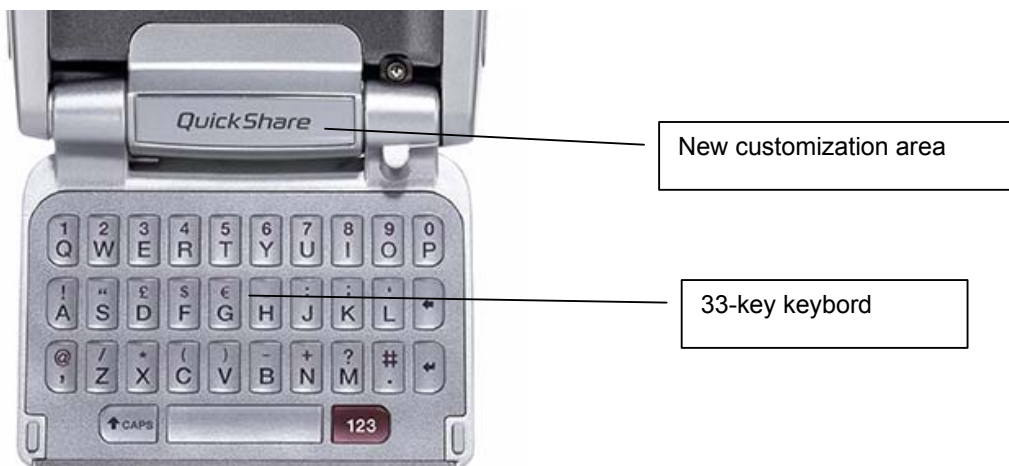
The P910 Series also has new special customization area offering possibility for a higher quality co-branding.

Colour

P910 Series: Ambient Silver.

Size and weight

P910 Series have same size as P900 but is 1.8 mm thicker (over new keyboard flip) and is 5 g heavier.



Flip Keyboard

Located on the inside of the flip, the P910 Series has a new keyboard similar in design to that of a standard computer keyboard enhancing text input in all Flip Open Applications. There are versions of keyboard layout to cover the following languages.

QWERTY:	QWERTZ:	Others:
American English (AE)	German (DE)	French (FR) "AZERTY"
English (EN)	Hungarian (HU)	Russian (RU)
Swedish (SV)	Polish (PL)	Greek (EL)
Danish (DA)		
Norwegian (NO)		
Finnish (FI)		
Dutch (NL)		
Italian (IT)		
Spanish (ES)		
Latin American Spanish (XL)		
Portuguese (PT)		
Czech (CS)		
Canadian French (CF)		

Added languages for
Chinese version:

Chinese Simplified (ZS)
Chinese Traditional Taiwan (ZT)
Chinese Traditional Hong Kong (ZH)

Customization area

A separate label is used. This makes it possible to add the co-branding label very late in the process.

Keypad

The Numeric keypad used on the P910 Series is a cluster-type designed to improve the phone's ergonomics.

Printed circuit board

Both phones are based on the same PCB with some minor component value changes.

Internal memory

The total flash memory has been increased from 48 MB RAM up to 96 MB RAM. The available user memory is now up to 64 MB (up to 60 MB for Chinese models).

Bluetooth

New chipset and microcode.

Camera

General quality improvements

Display

For P910 Series, 262k colors are supported.

User setting for display light intensity has been added.

Backlight/LEDs

The number of LEDs have been increased for P910 Series.

This gives an increased luminance for P910 Series and an improved display performance outdoors.

Miscellaneous

Accessories

P910 series will continue to support the same range of accessories as P900.

Manuals

User Guide and Quick Guide for the P910 series will now be available at the Internet:

www.sonyericsson.com/support

Languages

Additional languages for P910 series will now be available at the Internet: www.sonyericsson.com/support

Applications on CD for P910 series

Installable	Application Name	Description	Company	Cost
Phone	V-rally	3D graphic Game	Ideaworks3D	Free
Phone	Mobipocket Reader	Reader for ebooks	Mobipocket	Free
Phone	Opera Web Browser	Browser	Opera	Free
Phone	Worldmate pro	Tools for the traveler	MobiMate	Trial
Phone	SplashID	Encrypted private data manager	SplashData	Trial
Phone	MetrO	Metro maps around the world	Metro	Free
Phone	SplashPhoto	PC SW to edit and organize then sync with P910 to view images on the go.	SplashData	Trial
Phone	IM+	Instant Messaging client	ShapeServices	Trial
Phone	Photo Editor	Photo editor	Bitween	Trial
Phone	Wayfinder Mobile Navigator	Mobile navigator	Wayfinder	Trial
Phone	HP Runestone	Bluetooth printing	Hewlett Packard	Trial
Phone	Booster	Operating system extension enabling Microsoft .NET and Visual Basic 6.0 applications to run	Appforge	Free
Phone	Handy Day	Productivity tool and shell application.	Epocware	Trial
Phone	Handy Expense	Expense tracking application	Epocware	Trial
Phone	DateMate	Event manager	MobiMate	Trial
Phone	Promyzer (formerly Roark Trader)	Streaming real-time quotes and trading application	Trustlink	Trial
Phone	Quick Point	Power point viewer	Mobility	Free
PC	Adobe Photoshop Album	Photo organizer	Adobe	Free
PC	Image editor	Improved image editor	Teleca	Free
PC	MMS Home Studio	MMS editor	Teleca	Free

Web-link on CD:

Phone	AvantGo	Synchronizes specially designed mobile websites from the world's top brands to your phone	Sybase	Free
Phone	Media Viewer	Mobile access to news etc published on Media Viewer	Mediabricks	Trial
PC/Mac	QuickTime	Multimedia player	Apple	Free

Related information

Documents

P910i series User Guide
P910i series White Paper

P900 User Guide
P900 series White Paper

Links

- www.SonyEricsson.com
- www.SonyEricsson.com/support
- www.SonyEricsson.com/developer/
- www.ericsson.com/mobilityworld/
- www.bluetooth.com

Trademarks and acknowledgements

BLUETOOTH is a trademark owned by the Bluetooth SIG, Inc.

The IrDA Feature Trademark is owned by the Infrared Data Association and used under license there from.

XHTML™ is a registered trademark of the W3C.

Java™ and all Java-based marks are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries.

Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

All other trademarks and copyrights are the property of their respective owners.