

The new BlackBerry Pearl 8110 smartphone



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SPECIFICATIONS













Size (L x W x D)	Approximately 4.2" x 2.0" x 0.55" / 107mm x 50 mm x 14 mm	Headset	3.5 mm stereo headset capable
Weight (battery included)	Approximately 3.2 oz/91g	USB Port	USB port allows charging and data synchronization of the device with a USB "A" to mini-USB "B" cable, supporting High Speed USB (2.0) with up to 10MB/s data throughput
Memory	64 MB flash memory	Power Adapter	+5V DC/500 mA AC power adapter with interchangeable, region-specific plugs
Expandable Memory	External MicroSD	Network Support	Quad-band 850/900/1800/1900 MHz GSM/GPRS and EDGE networks
Battery	900 mAh (removable/rechargeable lithium cell)	Desktop Software	Synchronizes calendar, address book, tasks and memos between your smartphone and desktop. Loads new applications and upgrades from your PC to your BlackBerry smartphone. Manages your full media library (including converting and copying files to your BlackBerry smartphone) – songs, videos, and pictures.
Battery Life³³	Standby time: 360 hours (15 days) Talk time: 240 min (4 hours)	Smartphone Security	Password protection, keyboard lock and sleep mode
Display	High resolution 240 x 260 landscape TFT colour display. Supports over 65,000 colours.	Compatibility	When used with BlackBerry® Enterprise Solution, the BlackBerry Pearl supports: AES or Triple DES3 encryption, local AES encryption, password protection and wireless IT commands for remotely locking or deleting data on lost or stolen smartphones. Email Integration supports multiple email accounts on a single smartphone, including: ISP email (such as POP3, IMAP4 – SSL supported), Microsoft® Outlook® Web Access, Microsoft® Exchange, IBM® Lotus® Domino®, Novell® GroupWise®.
Camera	2.0 MP camera (JPEG Encoding), Flash, Self Portrait Mirror, Zoom, Video Recording (up to 15 fps)	Organizer Integration	When used with BlackBerry® Enterprise Solution, the BlackBerry Pearl supports wireless synchronization with: IBM Lotus Notes®, Microsoft Outlook, Novell GroupWise.
Keyboard	SureType™ QWERTY keyboard with SureType software	When used with BlackBerry® Desktop Manager, the BlackBerry Pearl supports desktop synchronization with: ACT!® 4.0.2/2000/6.0; ASCII Text File Importer/Exporter; Novell GroupWise 5.5/6.0; Lotus Notes 4.5/4.6/5.0/6.0/6.5; Lotus Organizer® 5.0/6.0; Microsoft Outlook 97/98/2000/2002/2003 (XP); Microsoft Outlook Express; Microsoft® Schedule +7.5; Microsoft Schedule + Default; Netscape®.	
Convenience Keys	Send key, End/Power key, Mute key, Left Convenience key (preprogrammed as VAD), Right Convenience key (preprogrammed as Camera), Volume/Zoom key		
Navigation	Trackball, ESC key, Menu key		
Voice Input/Output	Integrated speaker and microphone, hands-free headset capable, Bluetooth headset capable, integrated hands-free speakerphone		
Ringtones	Polyphonic – MIDI, SP-MIDI, MP3, WAV Voicemail attachment supported audio formats: MP3, WAV		
Media Player	BlackBerry Media Player <i>Supported audio formats:</i> MP3, MIDI, AMR-NB, AAC / AAC+ / eAAC+, WMA <i>Supported video formats:</i> MPEG4 Part 2 Simple Profile, H.263, WMV		
Bluetooth	Bluetooth® v2.0; mono/stereo headset, hands-free, and serial port profile supported. Bluetooth stereo audio (A2DP/AVCRP).		

BlackBerry Pearl 8110



FEATURES

BENEFITS

FEATURES	BENEFITS
 Phone Voice Activated Dialing (VAD), smart dialing, conference calling, mute button, built-in speakerphone, enhanced background noise cancellation, speed dial and call forwarding Bluetooth-enabled (v2.0) Exceptional battery life	All the tools you need to make calls – and life – easier. Get more done by keeping your hands free while you talk or listen. Best of all – no wires to get in your way. The BlackBerry® Pearl™ smartphone works with the Bluetooth® Stereo Audio profile ¹⁴ , for high-quality, wireless stereo sound. Keep listening, watching, typing, talking and working – your smartphone's battery is designed to provide the staying power your day demands. Enjoy up to 4.5 hours talk time and 14 days standby time. ¹³
 Email and Text Messaging Multiple email account integration Push-delivery technology View attachments Optional BlackBerry email address Easy email setup directly from your BlackBerry Pearl smartphone via the setup wizard Send and receive text messages (SMS and MMS) SureType® keyboard technology	Stay on top of all your email – from your supported personal <i>and</i> work accounts. ¹⁵ It doesn't matter where your day takes you; your email finds you. Plus, you don't need to manage messages twice: each mailbox is automatically updated whenever you send, delete, file or read messages on the BlackBerry® smartphone. ¹ Messages are delivered automatically to your smartphone and you can be notified as soon as they arrive. ² So you don't miss a thing, even when you're out for drinks, taking a jog in the park or catching a ride home. There's no need to wait until you're at your desk to open attachments. Whether it's a picture from last weekend's party or an important presentation from a co-worker, you can open popular document and graphic attachments on the spot. That includes JPEG, Adobe® PDF, Microsoft® Word, Microsoft Excel® and Microsoft PowerPoint® files. Need an extra email account? Choose a unique BlackBerry email address just for your smartphone. Use it as your on-the-go address or reserve it for close contacts. Get started in minutes. There's no complicated set-up process to slow you down. You're just a few clicks away from the freedom of BlackBerry® push email. ² Communicate on the go with contacts who are using phones or other mobile devices that support SMS or MMS. Last-minute change of plans? Fire off a quick text message and keep everyone up-to-speed. ² Developed by Research In Motion®, this innovative technology learns as you use it and allows you to quickly and accurately dial or type without the limitations of traditional phone keypads. It can also check your spelling and predict words as you type.
 Camera 2.0 -MP camera with video capture, 5x digital zoom, enhanced built-in flash and self-portrait mirror	It's hard to predict when those special moments will occur. But with the BlackBerry® Pearl™ smartphone, you've got a quality digital camera right by your side. So you can capture the moment whenever it happens, then share your shots with your friends, family and contacts, via email or picture messaging. ²
 Video recording A great way to capture spontaneous events!	Record video clips and send them off to friends, family and contacts. Or, open the media player and watch your video on the high resolution display to enjoy the experience over and over again. ¹⁶
 Multimedia Media player Expandable memory capability Roxio® Mobile Media Manager for BlackBerry® smartphones High-speed USB connection	Plug in a stereo headset or pair up any Bluetooth® stereo accessory. ¹⁴ Then adjust the equalizer and kick back with your favorite playlist. Or, watch news or sports clips while you catch your train downtown. ² It's your media on the go. Keep your larger files right by your side. The BlackBerry® Pearl™ smartphone accepts microSD cards, ⁸ so you've got the room you need for your music, photos, video clips and ringtones. And you don't need to carry a separate USB drive to store your documents, presentations and other work-related files. You can access your microSD card easily – just slide it in or out whenever you need to, without turning off your smartphone. The BlackBerry® Pearl™ smartphone comes with a powerful new desktop media manager that makes it easy to manage all your media files in one place: view, organize and search for media files on your computer, create mp3 music files from CDs, add audio tags, build playlists and more. Then, whether you're out on the town, catching the train downtown, relaxing at home or working out in the gym, you can pull up the tunes you want to hear – in a flash. Transfer large files quickly and conveniently between your computer and your BlackBerry® Pearl™ smartphone. The BlackBerry® Pearl™ 8110 supports high-speed USB with up to 10 MB/s data throughput.
 GPS Built-in GPS Capability	Determines your geographic location – and works with BlackBerry® Maps ⁵ and other location-based applications and services for turn-by-turn navigation, social networking, employee and resource management and more.
 BlackBerry Maps BlackBerry® Maps	Help save time and cut stress with step-by-step directions. Quickly find stores, venues and offices. ⁷ You can launch maps from your address book or from an address listed on a website in your browser. Use it with the built-in GPS ⁵ capability to view your current location and track your route to your target destination.
 Instant Messaging Instant Messaging (IM) on your BlackBerry® Pearl™ smartphone	Check in with friends, change your dinner plans or make a key work decision on the spot. With Instant Messaging on the go, you can stay in touch with all your contacts. ²
 Organizer Integrated address book, calendar, memo pad and task list Desktop Personal Information Management (PIM) synchronization via USB	Access your contact information quickly. Email, text and place phone calls directly from one centralized address book. Stay on top of your day – wherever it takes you. Stay up-to-date at all times, without entering information twice. Just connect your desktop computer and your BlackBerry® smartphone to synchronize your calendar, address book, tasks, memos and more.
 Browser HTML browsing Bookmarks RSS (Really Simple Syndication) feeds support	Whether it's for work or for fun, get the information you need online, when and where you want it. The BlackBerry® Pearl™ 8110 smartphone delivers a responsive, dynamic browsing experience. It's so incredibly convenient, you'll wonder how you ever got by without it. ² Save time and jump to the content you want. Bookmarks give you one-click access to your favourite sites. Set up RSS feeds so your news comes to you hot off the press. With RSS, you don't need to check your favourite websites for updates – new content is pushed to you automatically. It's the convenient way to stay up-to-speed. ²
 Fun 'n Stuff BlackBerry Authentic Accessories including fashionable carrying cases, batteries and multiple charging solutions. Wallpapers. Ringtones. Add-on applications for both entertainment and personal productivity Do More Icon	Customize the BlackBerry® Pearl™ smartphone to match your life with BlackBerry® Authentic Accessories ¹⁷ – and make your smartphone truly your own. For more information visit www.blackberry.com Customize your BlackBerry smartphone by adding applications for both entertainment and work-life productivity. Have Fun with your BlackBerry smartphone by clicking the Do More Icon on your Home Screen.
 BlackBerry Services BlackBerry Internet Service ready Enterprise ready	BlackBerry® smartphones come bundled with BlackBerry® Internet Service – an out-of-the-box wireless solution that's easy to set up and use. BlackBerry Internet Service provides push-delivery email, web browsing, instant messaging and much more to help you get the most out of your day. ² The BlackBerry® Pearl™ smartphone can work with your organization's BlackBerry® Enterprise Solution to provide enterprise class functionality, including wireless access to corporate applications, advanced security features, push delivery of data from corporate applications, wireless synchronization with corporate PIM tools and single mailbox integration. Plus, unlike traditional mobile phones, the BlackBerry Pearl smartphone can be centrally managed and supported by IT departments. IT policies can enable or disable the camera and expandable memory capability for specific users and at specific times.

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Check with your service provider for roaming arrangements, service plans and supported features and services. Certain features outlined in this document require a minimum version of BlackBerry Enterprise Server software, BlackBerry Desktop Software, and/or BlackBerry handheld software and may require additional development for access to corporate applications.

 **BlackBerry Pearl™**

1. Full wireless email reconciliation requires the BlackBerry Enterprise Solution. Otherwise, reconciliation works from smartphone to source and is dependant on email provider, implementation and protocols. 2. Data plan required. 3. For a full list of supported media file formats visit www.blackberrypearl.com. 4. Supports all A2DP Bluetooth accessories. 5. Check with your service provider for supported features and services. 6. For details on map availability and coverage areas visit http://na.blackberry.com/eng/devices/features/blackberry_maps.jsp#tab_tab_coverage. 7. Requires the BlackBerry Enterprise Solution. 8. The BlackBerry Pearl 8110 smartphone accepts microSD cards; the amount of storage is determined by card capacity. 9. Prior to subscribing for, installing or using any third party products, or services including components and content such as content protected by copyright and websites ("Third Party Products and Services") it is your responsibility to ensure that your service provider has agreed to support all of the features of the Third Party Products and Services. Installation or use of Third Party Products and Services with RIM's products and services may require one or more patent, trademark, copyright or other licenses in order to avoid infringement or violation of third party rights. You are solely responsible for determining whether to use Third Party Products and Services and if any third party licenses are required to do so. If required you are responsible for acquiring them. You should not install or use Third Party Products and Services until all necessary licenses have been acquired. Any Third Party Products and Services that are provided with RIM's products and services are provided as a convenience to you and are provided "AS IS" with no express or implied conditions, endorsements, guarantees, representations or warranties of any kind by RIM and RIM assumes no liability whatsoever, in relation thereto. Your use of Third Party Products and Services shall be governed by and subject to you agreeing to the terms of separate licenses and other agreements applicable thereto with third parties, except to the extent expressly covered by a license or other agreement with RIM. The terms of use of any RIM product or service are set out in a separate license or other agreement with RIM applicable thereto. 10. Available for BlackBerry Enterprise Server for Microsoft Exchange and BlackBerry Enterprise Server for IBM Lotus Domino only. 11. Push to Talk is a fee-based service. Check with your provider for details. 12. In order to record video clips a microSD card must be properly inserted in the smartphone. 13. Based on CDMA PRO T1W09 Battery Life Measurement Technique. Results may vary. Network availability and coverage affect battery life and are dependent upon a number of factors, including location and transmission environment. 14. Compatible with all A2DP Bluetooth devices. 15. Integrating corporate email accounts requires BlackBerry Mail Connector or the BlackBerry Enterprise Solution. 16. In order to record video clips a microSD card must be properly inserted in the BlackBerry smartphone. 17. Use only those accessories approved by Research In Motion. Using any accessories not approved by Research In Motion for use with your BlackBerry smartphone may invalidate any approval or warranty applicable to your BlackBerry smartphone and may be dangerous. © 2008 Research In Motion Limited. All rights reserved. Research In Motion, the RIM logo, BlackBerry, the BlackBerry logo, and SureType are registered with the U.S. Patent and Trademark Office and may be pending or registered in other countries. These marks, images and symbols, BlackBerry Pearl, BlackBerry Connect and BlackBerry Built-In are owned by Research In Motion Limited. All other brands, product names, company names, and trademarks are the properties of their respective owners. MKT-1823-001