



BlackBerry Smart Card Reader

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*Making It Easier Than Ever to Comply with Operational Requirements for
Multi-factor Authentication*

For More Information

To learn more about BlackBerry Smart Card Reader visit:

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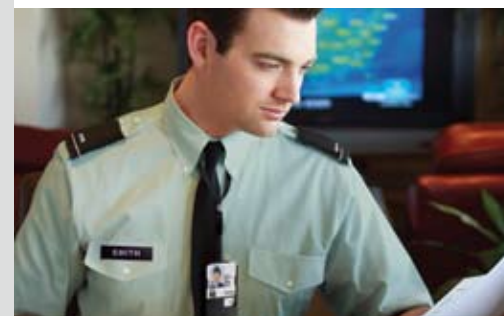
By telephone: 1-800-327-9085

Or email: sales@blackberry.com



* Requires BlackBerry Enterprise Software v4.0.2 or higher.
† Available for BlackBerry Enterprise Server for Microsoft® Exchange and BlackBerry Enterprise Server for IBM® Lotus® Domino® only.
‡ Requires appropriate software drivers.

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A small, lightweight and
wearable smart card reader
that enables controlled access
to BlackBerry® smartphones
and computers.





The BlackBerry Smart Card Reader builds on the security, flexibility and mobility of the trusted BlackBerry Enterprise Solution.

The BlackBerry® Smart Card Reader is designed to allow mobile personnel to meet operational requirements for using multi-factor authentication with Bluetooth®-enabled Microsoft® Windows® computers, BlackBerry® smartphones, PKI applications and for highly secure web browsing—without negatively impacting the user experience.

The BlackBerry Smart Card Reader can replace serial or USB based card readers, even if your organization has not deployed a BlackBerry solution. This enables you to benefit from un-tethered access to your smart card credentials from your desktop or laptop computer.

Prevent Unauthorized Access

The BlackBerry Smart Card Reader is designed to solve a fundamental security concern for organizations, helping eliminate unauthorized access to unlocked computers and BlackBerry smartphones. Instead of inserting the smart card into a stationary reader or bulky peripheral attachment which can easily be left behind, users insert a smart card into this lightweight reader and wear it on a lanyard, causing smartphones and computers to lock when the user is not in proximity.



S/MIME Support

The BlackBerry Smart Card Reader works with certificates on smart cards to leverage your organization's S/MIME infrastructure[†] and is designed to enable your employees to digitally sign and encrypt messages on either their BlackBerry smartphones or computers to provide sender-to-recipient security.

Advanced Security Features

When used with the BlackBerry® Enterprise Solution, the BlackBerry Smart Card Reader supports advanced security features to help meet IT and public sector requirements, including:

- AES-256 encryption
- FIPS 140-2 validated encryption module
- S/MIME support
- Wireless IT policy enforcement on smartphones

The BlackBerry Smart Card Reader is designed to minimize the impact of operational requirements on users, making it easier for them to comply with your security policies.

The BlackBerry Smart Card Reader can help your organization:

Increase Security Compliance – Increasing the convenience and comfort of using smart cards with BlackBerry smartphones and computers helps to ensure that users comply with organizational security directives. Using IT policy controls, BlackBerry smartphones and computers can be configured to lock if the BlackBerry Smart Card Reader goes out of range, rendering the smartphone or computer unusable and information inaccessible until proximity is restored and user authentication requirements have been met.

Meet Strict Government Security Requirements – FIPS 140-2 validated encryption technology. Built on the proven BlackBerry® Java® Virtual Machine (BlackBerry JVM), the BlackBerry Smart Card Reader uses an AES-256 encryption overlay for Bluetooth. It allows organizations using smart cards to add additional security features to the BlackBerry Enterprise Solution security architecture.

Provide an Enhanced User Experience Compared With Competing Solutions – The slim, lightweight BlackBerry Smart Card Reader features long battery life and Bluetooth technology that allows users to comfortably wear the reader on a lanyard. No more heavy peripherals or bulky smartphone attachments are required for authenticating to BlackBerry smartphones or computers with smart cards.

Manage Key Lifetimes Wirelessly – System administrators gain additional control over the wireless environment with the ability to wirelessly manage security key lifetimes on the BlackBerry Smart Card Reader through the BlackBerry® Enterprise Server.*

Specifications

Size	3.98 x 2.4 x 0.57 in. (101.16 x 60.96 x 14.51 mm) (L x W x D)
Weight	Approximately 2.26 oz 64.1 g
User Input	Dual button control
Bluetooth	Support for version 2.0 with AES-256 encryption security overlay
Card Standards	ISO 7816 and T=0 and T=1 protocols Windows Hardware Quality Labs and PC/SC Compliant
Notification	LCD and multi-color LED on the reader with some notifications appearing on the paired BlackBerry smartphone and personal computer
User Interface	Intuitive menus and dialogs appear on the BlackBerry smartphone and personal computer
Battery	Non-removable, rechargeable Lithium cell (charge capacity: 900 mAh) that is compatible with existing micro-USB BlackBerry chargers
Security	<ul style="list-style-type: none"> • IT Policy to control lifetime of keys on reader and BlackBerry smartphone • Certified AES-256 Bluetooth security overlay • FIPS 140-2 validated encryption module • Tightly integrated with the S/MIME Support Package for the BlackBerry Enterprise Solution • Coverity Certified for Quality Code Level 2 and Secure Code Level 2[†]

System Requirements and Compatibility

The BlackBerry Smart Card Reader works with:

- BlackBerry Enterprise Server software v3.6 and higher
 - All Bluetooth-enabled BlackBerry smartphones running software v4.0 and higher
 - A Bluetooth-enabled computer with Windows® XP Service Pack 2 or later or Windows Vista™
 - All ISO 7816 compliant smart cards*
 - Out of the box support for Personal Identity Verification (PIV) cards, Common Access Cards (CAC) and SafeNet® 330 cards
 - 3V and 5V smart cards
- Third parties are able to implement support for any card using the published BlackBerry Smart Card APIs.

Mechanical Properties:

Weight: approximately 2.26 oz. (64.1 g) including lithium-ion battery
 Size: (L x W x H) 3.98 x 2.4 x 0.57 in. (101.16 x 60.96 x 14.51 mm)
 Memory: 8-MB flash memory, 4-MB SRAM
 LCD: Passive Dotmatrix (47 x 20 pixels with icons) (25.46 x 15.25 mm)
 Smart Card: ISO 7816 compliant (1.8V/3.0V/5.0V interfaces)

Power:
 Battery: non-removable, rechargeable lithium-ion cell (charge capacity: 900mAh)
 Port: micro-USB compatible port for data synchronization and charging

Bluetooth radio specifications:
 Single-band support: ISM 2.4 GHz
 Power class: Bluetooth® Class 2
 Transmitting and receiving frequency



[†] The BlackBerry Smart Card Reader solution v2 is Coverity™ Certified for Quality Code Level 2 and Secure Code Level 2. For more information on the BlackBerry Smart Card Reader certification, please visit <http://certified.coverity.com>