

BlackBerry Smart Card Reader



Slim, Lightweight Smart Card Reader

The BlackBerry® Smart Card Reader communicates wirelessly with Bluetooth®-enabled BlackBerry devices using AES-256 encryption on the transport layer, creating a secure, two factor authenticated environment for granting access to BlackBerry and PKI applications. It provides a superior user experience and IT friendly features—all in a slim, lightweight and easy-to-use accessory for BlackBerry devices.

Using the BlackBerry Smart Card Reader™ with the S/MIME Support Package allows organizations to wirelessly sign and encrypt messages between senders and recipients, providing writer to reader security functionality. The BlackBerry Smart Card Reader also allows users to authenticate themselves to Web portals.

Satisfies Strict Security Requirements and Easy-to-Use

The BlackBerry Smart Card Reader is built with both IT and mobile users in mind:

Meets Strict Public Sector and IT Requirements - The BlackBerry Smart Card Reader is FIPS 140-2 validated.* Built on the proven BlackBerry Java Virtual Machine (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 already robust BlackBerry Enterprise Solution™ security architecture.

Enhances User Experience - 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 to carry or bulky device attachments are required for using BlackBerry devices with smart cards.

Increases Security Policy Compliance - Increasing the convenience and comfort of using smart cards with BlackBerry devices helps to ensure that users comply with organizational security directives. Using IT policy controls, BlackBerry devices can be configured to lock if the BlackBerry Smart Card Reader goes out of range, rendering the device unusable and information inaccessible until proximity is restored.

Manages Key Lifetimes Wirelessly - System administrators gain additional control over the wireless environment with the ability to wirelessly manage the lifetime of the security keys on the BlackBerry Smart Card Reader through the BlackBerry Enterprise Server™. **

Advanced Security Features

The BlackBerry Smart Card Reader provides an additional layer of advanced security features that meet strict IT requirements. It builds upon the security features of the BlackBerry Enterprise Solution, which include:

- AES or Triple DES[†] encryption
- FIPS 140-2 validation
- S/MIME support^{††}
- Wireless IT policy enforcement on devices

Industries Using Smart Cards

The BlackBerry Smart Card Reader is indispensable for a wide range of organizations that require enhanced security features, such as:

- Government
- Aerospace
- Automotive
- Financial
- Transportation
- General IT security
- And many more

Comes Complete

Each BlackBerry Smart Card Reader box contains:

- BlackBerry Smart Card Reader
- Lithium Ion Battery
- Getting Started Guide
- Lanyard
- USB cable for charging and loading software

BlackBerry Smart Card Reader



Front



Back



Side



Top

BlackBerry Smart Card Reader Shown Actual Size

Specifications

Size	4.06 x 2.3 x 0.81 inches/10.32 x 5.85 x 2.056 cm (L x W x D)
Weight	Approximately 2.6 oz/73.6 g
User Input	Single button control
Bluetooth	Support for version 1.2 with AES-256 encryption security overlay
Card Standards	ISO 7816 and T=0 and T=1 protocols
Notification	LCD and multi-color LED on the reader with some notifications appearing on the paired BlackBerry device
User Interface	Intuitive menus and dialogs appear on the BlackBerry device
Battery	Removable and rechargeable Lithium cell that is compatible with existing BlackBerry chargers
Security	<ul style="list-style-type: none"> • IT Policy to control lifetime of keys on reader and BlackBerry device • Security overlay for Bluetooth • FIPS 140-2 certified AES-256 encryption • Tightly integrated with the S/MIME Support Package for BlackBerry

System Requirements and Compatibility

The BlackBerry Smart Card Reader works with:

- BlackBerry Enterprise Software v3.6 and higher
- All Bluetooth-enabled BlackBerry devices
- All ISO 7816 compliant smart cards[†]
- Out of the box support for common access cards (CACs) and DataKey/Safenet 330 cards
- 3V and 5V smart cards

Third parties will be able to implement support for any card using the published BlackBerry Smart Card APIs.

Stay Tuned

For the latest news and announcements about BlackBerry Smart Card Reader availability, check: www.blackberry.com/gov

* Covered by Certificate #500 ** Requires BlackBerry Enterprise Software v4.0.2 or higher. † Available for BlackBerry Enterprise Server for Microsoft Exchange and BlackBerry Enterprise Server for Lotus Domino only. ‡ Available for BlackBerry Enterprise Server for Microsoft Exchange only. † Requires appropriate software drivers.

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