



Proximity and smart keyfobs with iButton® option



Overview

Schlage's keyfobs provide the convenience of either contactless smart card technology or proximity technology in a form that can optionally include an iButton® credential. This durable combination works well in environments that do not require photo ID badging. The ability to attach the keyfob to a key ring ensures that personnel will be less likely to forget or lose their access credential.

The combination of either smart card technology or proximity technology with an iButton® provides the ideal dual credential for organizations that have integrated multiple credential technologies into their facilities. The iButton® provides a registration number used for access control in legacy systems, and the proximity or smart card technology enables future expansion with more advanced credentials.

The proximity keyfob incorporates the convenience of proximity technology with the iButton®. The smart keyfob can support diverse applications such as access control, biometrics, cashless vending, transit applications, and many more.

Features and benefits

Smart keyfob features

- 13.56 MHz frequency smart technology
- Available with two memory and technology configurations
- 1K bit (8K byte) MIFARE® or a 4K bit (32K byte) MIFARE DESFire™ EV1¹
- Data transfer rates of up to 848 kbps

Proximity keyfob features

- 125 kHz proximity technology

iButton® features

- Durable stainless-steel packaging
- Unique factory programmed 64-bit registration number
- Momentary contact initiates identification
- Data transfer rate of up to 16.3 kbps

¹ Factors affecting read range include installation conditions such as voltage, location of power supply and mounting material.

Keyfob specifications

Dimensions (at widest point)	2.24" x 1" x 0.60" (5.7 cm x 2.52 cm x 1.48 cm)
Weight	0.20 oz. (5.6 g)
Maximum read range ¹	Up to 4" AD Series MT reader module up to 0.75" AD Series MTK reader module up to 0.75"
Frequency	125 KHz or 13.56 MHz (see below for part numbers)
Operating temperature	-50° to 160° F (-45° to 70° C)
Material	Polycarbonate
Color	Gray

Ordering information

Part Number²

- **IBF-110** - Combo iButton® keyfob with 125 KHz Prox
- **IBWB-110** - 125 KHz Prox keyfob without iButton®)
- **IBF-151** - Combo iButton® keyfob with 8K bit/1K byte MIFARE®
- **IBWB-151** - 8K bit/1K byte MIFARE® keyfob without iButton®

¹ Factors affecting read range include installation conditions such as voltage, location of power supply and mounting material.

² Standard part numbers. See ordering guide for more configurations and part numbers. Specifications subject to change without notice.

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