

## Encoders

SAFLOK™ keycard encoders are a vital component of all access control systems, transmitting information and commands to/from a keycard. Each system is configured to suit the unique requirements of a property.



### Insertion Encoder

- Fastest encoder in the SAFLOK product line
- Durable and tested to one million cycles
- Virtually maintenance-free with only maintenance required to read head
- Uses card sensing-device that detects card direction without contact or wear on keycard surface
- Spring-loaded encoding/playback head adapts to variations in keycard thickness
- Reads upon insertion and checks code upon withdrawal; card slot illuminates green if validated and red if rejected
- Input/output for USB, serial, or TCP/IP connectivity
- Encodes data to track 3
- Granted both utility and design patent

Dimensions	4.9"H x 3.9"D x 4"W
Power	6 V DC, .3 A
Keycards encoded	Smart, memory, and magstripe
Part #	CE 6100
Connectivity	USB, serial, or TCP/IP
Keycard coercivity	Low-coercivity keys (3000E) Medium-coercivity keys (6000E)



### Contactless Smart Card Encoder

- Contactless smart card technology
- Compact keycard reader/writer that supports MIFARE (ISO 14443A) keycards
- Encodes a variety of RFID credentials such as fobs, wristbands, etc.
- Connects directly to PC via USB port
- Used in conjunction with Quantum™ RFID sectional trim lock

Dimensions	.875"H x 5"D x 2.875"W
Power	From USB port
Keycards encoded	MIFARE 1K, 4K, and Ultralight
Part #	73232
Connectivity	USB

## Motorized Magstripe Encoder

- Multi-connectivity enabled — manually or remotely encodes keycards for check-in
- Three-track motorized magstripe encoder
- Connects directly to PC via USB or serial connection
- Data encoded on track 3 using custom format (non-ASCII and ABA format) to prevent magstripe card data skimming
- Spring-loaded encoding/playback head adapts to variations in keycard thickness
- Ability to encode to tracks 1 and 2 when connected to PMS/POS applications
- High-coercivity encoders are required to encode high-coercivity keycards
- TCP/IP connectivity for networked applications

Dimensions	3.75"H x 7.7"D x 5.9"W
Keycards encoded	Magstripe
Part #	CE 6000
Connectivity	USB, serial, or TCP/IP
Keycard coercivity	Low-coercivity keys (3000E) Medium-coercivity keys (6000E) High-coercivity keys (27000E)



## Motorized Smart Encoder

- Encodes smart, memory, or magstripe keycards
- Three-track encoder
- Ejects keycards with errors or keycards not properly encoded from the back of the encoder
- Connects directly to PC via USB or serial connection
- Data encoded on track 3 using custom format (non-ASCII and ABA format) to prevent magstripe card data skimming
- Spring-loaded encoding/playback head adapts to variations in keycard thickness
- Ability to encode to tracks 1 and 2 when connected to PMS/POS applications
- TCP/IP connectivity for networked applications

Dimensions	3.75"H x 9.9"D x 5.9"W
Keycards encoded	Smart and magstripe
Part #	CE 6010
Connectivity	USB, serial, or TCP/IP
Keycard coercivity	Low-coercivity keys (3000E) Medium-coercivity keys (6000E) High-coercivity keys (27000E)



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**KABA**

**Saflok**  
by KABA



Manufactured under one or more of the following patents:  
U.S.: 4,177,657; 4,411,144; 4,534,194; 4,890,870; 5,198,643;  
5,477,041; 5,820,177; 5,986,564; 7,051,561; D494,841; D501,131  
D512,899; D519,021; D531,629; D533,009; D533,047; D533,762;  
D533,763; D535,629 CANADA: 1,252,854; 1,298,902  
U.K. 2,010,375  
Other U.S. and foreign patents pending

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