Saflok™
A Member of the Kaba Group

Type 7 Encoder

Engineered to offer accurate and efficient keycard encoding, SAFLOK's™ Type 7 encoder is ideal for properties that use multiple keycard types. Depending on the configuration, Type 7 encoders have the ability to write to magstripe keycards, smart/memory keycards, and MIFARE credentials for the SAFLOK RFID locks.

The Type 7 encoder features a modular design that expands as the property adds new lock and credential technologies. Service upgrades are available to add various encoding modules, such as a smart card encoder, a high-coercivity (HiCo) magnetic stripe encoder, and a RFID contactless encoder. For example, a property that currently uses magstripe keycards could upgrade to smart/memory technology, and the same encoder could have a smart/memory encoder module installed, eliminating the need to purchase an entirely new piece of equipment.

With the 30% reduction in size from the earlier SAFLOK encoders, the Type 7 encoder occupies minimal front desk real estate. The unit is belt-driven for quieter operation.

KABA®

Type 7 Standard Features:

- Three-track motorized magstripe encoder
- Connects directly to PC via USB or serial port or to Ethernet network via TCP/IP port
- Door lock information encoded on track 3 using custom format (non-ASCII and ABA format) to prevent magstripe and data skimming
- Ability to encode third party and point-of-sale device information on tracks 1 and 2 when connected to PMS/POS applications
- Spring-loaded encoding/playback head adapts to variations in keycard thickness
- Ejects keycards with errors or keycards not properly encoded from the back of the unit

Dimensions	3.62" H x 7.1" D x 4.05" W
Keycards encoded	Various, see table below
Part #	Various, see table below
Connectivity	To PC via USB or serial port; to Ethernet network via TCP/IP port

RFID Encoder Features:

- Contactless RFID encoder that supports MIFARE (ISO 14443A) keycards
- Encodes a variety of RFID credentials, such as fobs, wristbands, etc.
- Used in conjunction with Quantum™ RFID or MT™ RFID locks

Credentials Encoded

Part #	Encoder Type	Magstripe			SMART/Memory			MIFARE/RFID		
		300 Oe Low Coercivity	600 Oe Medium Coercivity	2750 Oe (up to 4000 Oe) High Coercivity	2 Kb	8 Kb	64 Kb	Mini	1Kb	4Kb
CE4010	Magstripe encoder	•	•							
CE4020	Magstripe/Smart card encoder	•	•		•	•	•			
CE4030	HiCo magstripe/Smart card encoder			•	•	•	•			
CE4110	Magstripe/RFID encoder	•	•					•	•	•
CE4120	Magstripe/Smart card/RFID encoder	•	•		•	•	•	•	•	•
CE4130	HiCo magstripe/Smart card/RFID encoder			•	•	•	•	•	•	•

RFID Credential Options

- MIFARE Mini: A cost-effective solution for guest keycards. Available with generic printing, hotel chain logos, or custom printing.
- MIFARE 1K: Ideal for staff keycards. Available as a fob (for extended-stay guests or staff) or wristbands (for resorts and waterparks).
- MIFARE 4K: Ideal for lock audit keycards to interrogate locks.