

# Kaba compact reader 91 10



## Advantages at a glance

- Elegant design
- Contemporary, award-winning design with a high-gloss finish
- Simple to install
- Thanks to quickwire technology, the reader can be plugged onto the base frame quickly and easily
- Retrofitting possible
- It is possible to use existing wiring
- Seamless integration
- Functions in Kaba Online, CardLink or stand-alone operation
- Safe investment
- Expandable, as it can be combined with a number of Kaba access systems
- Secure in the future
- Ready for use with Mobile access

### *Award-winning design and elegance*

The Kaba compact reader 91 10 with elegant high-gloss finish can be integrated harmoniously into existing buildings.

It is convenient to operate – as both visible and audible signals are used to confirm access. Simply present either a card, key fob or key with RFID transponder clip to the reader and enter.

### *Flexible integration*

The Kaba compact reader 91 10 can be integrated into all Kaba systems, regardless of whether they are operated online or stand-alone.

The quickwire connector simplifies installation and maintenance. The reader is simply clicked onto the pre-wired rear panel or spacer frame.

### *Areas of application*

The Kaba compact reader 91 10 fits onto any standard wall socket and is available in two designs:

- with a spacer frame for use indoors (surface wiring) or
- with rear panel and sealing pad for use in protected outdoor areas (flush-mounted wiring).

The Kaba compact reader 91 10 can be used in many ways. It can be used either as a reader to regulate the organisation or for access control in conjunction with an access manager in protected areas.

### *Areas of application*

- Office buildings
- Automatic doors
- Lifts
- Garage doors
- Car park barriers
- Entrance areas
- Doors with motor locks



# Product specification

## Intuitive user guidance

The RFID access medium is held in front of the reader unit. An acoustic signal and a light signal (green/red) indicate whether access is granted or denied. Access to the desired area can be made – whether through car park barriers, automatic sliding doors, lifts, barriers or doors with a motor lock or door opener.

## Versatile

The Kaba compact reader 91 10 is mounted indoors or in protected outdoor areas. For example, with the optional Kaba CardLink function it can be used as a validation reader in entrance areas and new temporary authorisations saved directly to the card each day. Indoors, the reader is the ideal solution for lifts or sliding doors: access is controlled in an area- and time-specific manner.

## Scalable use

The compact reader is suitable both for individual access points and as part of a large system. Many firmware variants with different programming options are available, depending on size and requirements.

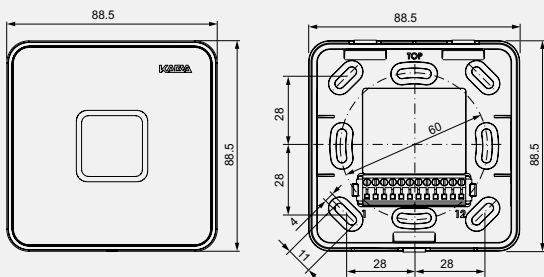
## Adaptable

Quick and uncomplicated reader replacement in existing systems. Thanks to flexible firmware exchange, it can be integrated seamlessly into various Kaba systems.

## A universal portfolio

Kaba's product range includes combinable products that share the same high-quality design.

*Remark: The effective functions available of the product depend on the system context in which it is used.*



Front and rear panel  
Kaba compact reader 91 10

Side view of  
Kaba compact  
reader 91 10, type  
flush-mounted

Side view of  
Kaba compact reader  
91 10, type surface  
mounted

## Technical features

### Supported RFID technologies

- LEGIC (advant & prime)
- MIFARE (DESFire & Classic)

### Design / material / dimensions

- flush-mounted type  
(rear panel/sealing pad):  
88,5 x 88,5 x 19,4 mm (W x H  
x D)
- surface mounted type  
(spacer frame): 88,5 x 88,5 x  
26,4 mm
- front: PC plastic,  
colour: RAL 9005 jet black,  
RAL 9016 white
- frame: plastic; colour: RAL  
9006 white aluminium
- rear panel/spacer frame:  
colour: RAL 9005, RAL 9016

### Interfaces

- RS-485: connection to host;  
galvanically isolated,  
differential
- two binary inputs: max.  
5 VDC
- 1 relay output: max.  
34 VDC/60 W , max.  
27 VAC/60 VA

### Power supply

- 12–27 VAC, 50/60 Hz or  
10–34 VDC
- power consumption:  
typ. 1.2 W, max. 2.2 W
- clock operates max. 24  
hours without power supply

### Environmental conditions

- temperature:  
– 25 °C – +70 °C
- protection class:  
flush-mounted design: IP54  
surface mounted design: IP40
- humidity: 0 – 95 %, non-  
condensing

### Certificates / standards

- EN 301 489-1, EN 301 489-3,  
EN 300 330-1, EN 300 330-2
- R&TTE 1999/5/EC, 2006/95/  
EC

Further details and order information  
can be found in the relevant Kaba cata-  
logues or system descriptions.

