

# Kaba evolo programming

## *Simple and flexible*



### *Adaptable System*

Kaba evolo is a comprehensive access system and easy to manage. It has various programming tools so that access rights can be adapted quickly and easily. The various Kaba evolo standalone components can be programmed flexibly and in different ways, depending on the situation and requirement.

### *Manual programming*

In smaller systems, access data can be programmed and deleted directly at the door. The programming medium (master card) can simply be held to the locking component and programming can begin.

### *Software and programming device*

If special time profiles are used or the number of users increases, the efficient Kaba evolo Manager administration software with the programming device and the desktop reader are available. This software manages Kaba evolo's digital locking components. Optionally, existing mechanical locking systems can also be managed at the same time.

### *Kaba Terminal*

If required, up to eight terminals can be connected to the Kaba evolo Manager. This holds new authorizations which are forwarded to the user media even when the software is not active.

### *The Kaba CardLink function*

Using Kaba CardLink, new area- and time-specific access data can be programmed on the access medium. Lost media automatically expire.

### *Wireless function and online world*

The Kaba access solution with wireless function enables immediate programming from the PC. This remote radio connection to the access system offers benefits in terms of programming, maintenance and provides the highest level of security. The same programming tools apply if Kaba evolo standalone components are used within the online system Kaba exos 9300.

## *Advantages at a glance*

### Scalable programming

Manual, with additional software and programming device or wireless: your choice, according to your requirement

### Efficient and user friendly

Wireless programming and automatic recognition of door components - for practical configuration and maintenance

### Easy workflows

Clear menus and wizards help users to program media and door components

### Overview and monitoring

Clear displays and analysis of door events - filter functions in the software help you to find specific events easily

### Wireless function

The Kaba access solution with wireless offers convenient programming from your desk: the Kaba standalone components are remotely connected via radio to your access system



# Performance characteristics

## Programming media and Programmer 14 60

### Programming media

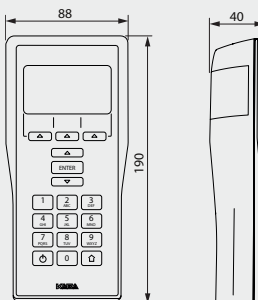
Access rights are created and changed using the programming media. They are utilized solely for this purpose. The Master A media authorize the Master B media (A/B structure). Only user media with an A/B structure can be grouped together and only when programmed manually. The Master B media authorize the user media (B structure).

- Programming master A: Initialization and programming medium for programming standalone components. Utilized for A/B structures if users need to be arranged in groups for manual programming.
- Programming master B: Initialization and programming medium for programming standalone components. Used for B structures when programmed without groups or with software.
- Programming master T: Temporary programming master T is a special type of programming media for standalone components. These media are only valid for a certain time period and have limited functionality. This allows a high degree of flexibility in the management of locking systems because service staff can be provided with a Master T medium rather than handing out a security-relevant Master B. The Master T is drawn from a programming master B and is used to update standalone components.
- Security cards: Security cards define the system's unique security code for data exchange via the access medium.

### Kaba Programmer 1460

This programming device communicates wirelessly with the door components. This allows data to be imported and exported. The programming unit and the Kaba evolvo Manager software are required for programming the Kaba evolvo time functions.

- Supported systems: evolvo (MIFARE, LEGIC, TouchGo)
- Number of key plans: 100
- Number of configurations per key plan: 512
- Storage medium: SD, integrated
- Memory size utilized: 2 GB
- Connection to components: One-Wire RS232 (115 200 baud) and NFC



Kaba Programmer 1460

### Technical specifications

#### Programming card versions

- Kaba A programming master, MIFARE KMID-MA004
- Kaba B programming master, MIFARE KMID-MB004
- Kaba T programming master, MIFARE KMID-MT004
- Kaba A programming master, LEGIC KLEA-MA003
- Kaba B programming master, LEGIC KLEA-MB003
- Kaba T programming master, LEGIC KLEA-MT003
- Security card C, MIFARE KMID-SC004
- Security card C1 and C2, LEGIC KLEA-SET02
- Card size: 85 x 54 mm
- Protection class: IP66
- Temperature - 25 °C to +70 °C
- Humidity 0 to 95% rH, non-condensing

#### Kaba Programmer 1460

- Dimensions W x H x D: 88 x 190 x 40 mm
- Weight: 350 g
- Power supply: NiMH battery/ Ext. USB power supply 5 V / max. 350 mA
- Charger: 100 - 240 V AC, 50 - 60 Hz
- Interfaces: Wireless NFC communication with the actuators/one-wire interface for Firmware updates/USB interface for connecting PCs (transfers from and to the software)
- Temperature 0 °C to + 50 °C
- Protection class: IP40
- Humidity: 0 to 95% rH, non-condensing
- Climate: not suitable for corrosive atmospheres (chlorine, ammonia)

# Performance characteristics

## Kaba evolo Manager and Desktop Reader 91 08

### *Kaba evolo Manager*

All users, media and door components can easily be managed using the network-enabled Kaba evolo manager software. Consequently, the process for granting access authorizations is intuitive. The event memory can be extracted to obtain an overview of all access and system events. Time profiles can be set up and users programmed and administered with the Kaba evolo Manager. As PC software, it is installed once on a computer and launched when required.

- System requirements:

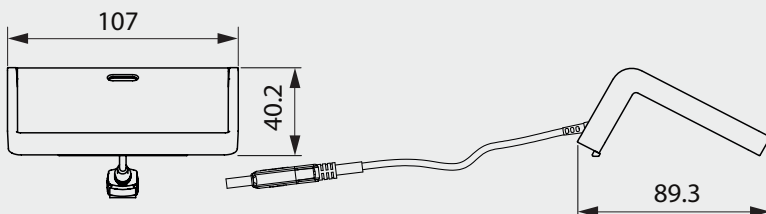
Operating system (32/64Bit): Windows 10; Windows 8 Standard/Pro/Enterprise; Windows 7 Home/Professional; Windows Server 2008/2008 R2; Windows Server 2003; Windows Server 2012 R2



*Kaba evolo Manager administration software*

### *Kaba desktop reader 91 08*

Programming and user media can be imported and written using the desktop reader connected to Kaba evolo Manager by USB.



*Kaba desktop reader 91 08*

### *Technical specifications*

#### *Kaba evolo Manager*

- Versions:
  - 201: 200 objects
  - 202: unlimited
  - 204: Demo version 10 objects
- Processor: 1 GHz or higher (2.4 GHz recommended)
- Working memory: 1 GB (2 GB recommended)
- Hard disk: min. 2 GB free memory, including all additional components supplied (Microsoft .NET Framework 3.5 SP1 and 4.0 Client Profile, Microsoft SQL Server 2008 R2 Express RTM, Crystal Report Basic for Visual Studio 2010, Windows Installer 4.5. The additional components are part of the installation and are installed if not present).
- Screen resolution: min. 1024 x 768 (1920 x 1200 recommended)
- Drive: DVD-ROM drive
- Interfaces: 2 x USB

#### *Kaba desktop reader 91 08*

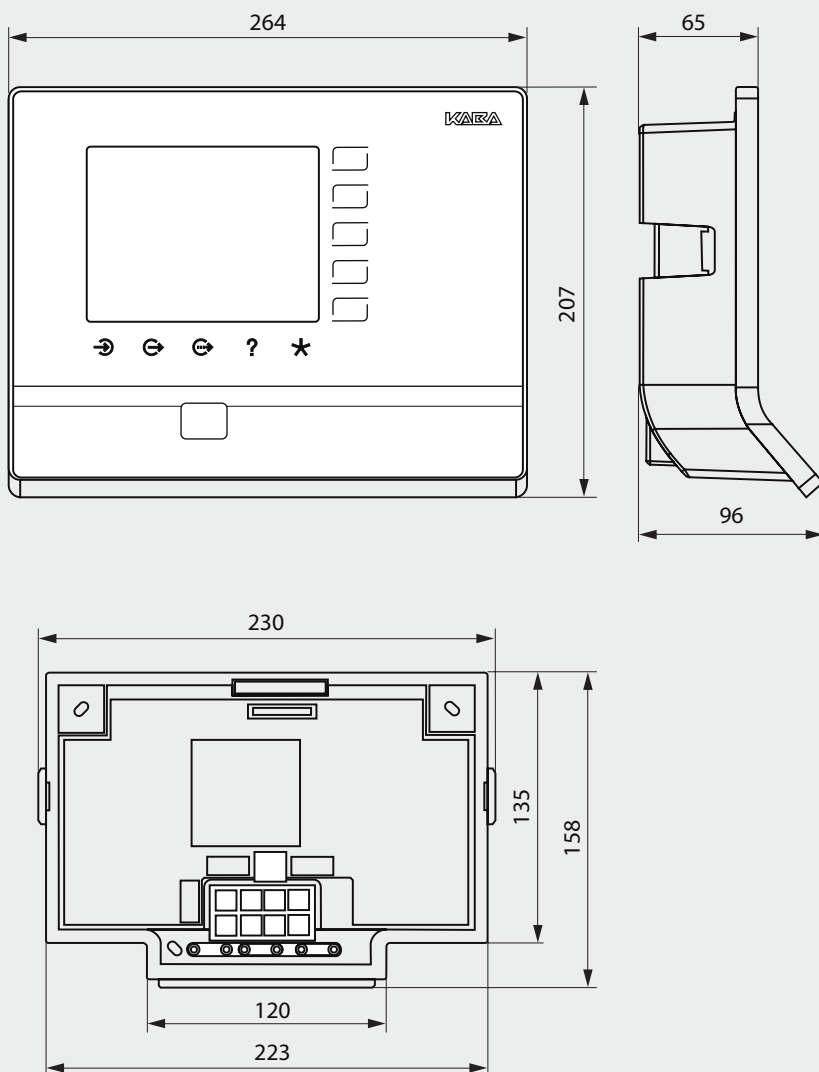
- Versions:
  - Kaba desktop reader 91 08, MIFARE
  - Kaba desktop reader 91 08, LEGIC
- Dimensions W x H x D: 107 x 45 x 90 mm
- Housing material: Black plastic with silver trim, IP40
- Power supply: Ext. USB power supply 5 V / max. 500 mA
- Interfaces: USB V2.0 low speed
- Temperature: 0 °C to + 40 °C
- Humidity: 0 to 95% rH, non-condensing
- Climate: not suitable for corrosive atmospheres (chlorine, ammonia)

# Performance characteristics

## Kaba Terminal 94 20

### *Kaba Terminal 94 20*

The Kaba terminal can be connected to the Kaba evolo Manager if required. Access data can be modified on the central PC using the Kaba evolo Manager software. The relevant user can pick up his/her new authorizations on the terminal at any time (e.g. in the lobby). New authorizations can therefore be granted quickly and efficiently as the doors concerned do not need to be reprogrammed.



*Kaba Terminal 94 20 mounting plate*

### *Technical specifications*

#### Kaba Terminal 94 20

- Supported RFID standards:
  - LEGIC (advant & prime)
  - MIFARE (DESFire & classic)
  - MRD (multiple RFID device)
- Dimensions W x H x D:  
264 x 207 x 65/96 mm
- Number of users: max. 2,000
- Power supply: 100 - 240 V AC  
50-60 Hz (max. 200 mA)
- Interfaces: Ethernet interface  
IEEE 802.3 compatible  
10Base-T/100Base-TPoE  
(Power over Ethernet) in  
accordance with IEEE 802.3af  
(12.95 W) and IEEE802.3at
- Protection class: IP54
- Temperature:  
0 °C to +45 °C (with UPS);  
-10 °C to +55 °C (without UPS)
- Humidity: 10 ... 95% rH, non-  
condensing
- Climate: not suitable for  
corrosive atmospheres  
(chlorine, ammonia)

*Further details and ordering information  
can be found in the relevant Kaba evolo  
catalogs or system descriptions.*



*Certified management system,  
ISO 9001*