

# dormakaba evolo Manager | KEM

## Lean and Scalable Toolchain



### Advantages at a glance

- **Scalable programming**  
Choice of manual programming, using KEM software and a programming device or through wireless functionality: select according to your needs
- **Efficient and user friendly**  
Convenient configuration and maintenance through wireless programming and automatic recognition of door components
- **Easy workflows**  
Clear menus and wizards help users to program access media and electronic door locks, readers and cylinder
- **Overview and monitoring**  
Easy to follow displays and analysis of door events – the software's filter function helps you to find specific events easily
- **Wireless function**  
Convenient programming from your desk: the standalone door components are remotely connected to your access system via radio

### Adaptable access control system

dormakaba evolo Manager (KEM) is a comprehensive access control system and easy to manage. It has various programming tools so that individual access rights can be flexibly adapted step by step, depending on the situation.

### 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 electronic door component and programming can begin.

### Software and programmer

If time profiles are used or the number of users increases, the high-performance dormakaba evolo Manager (KEM) administration software with a programmer and a desktop reader are available. The KEM software manages the door components and if needed, existing mechanical locking systems can also be managed at the same time.

### The CardLink function

Using CardLink, area- and time-specific access data can be programmed directly onto the access medium. For this, you may choose programming via the terminal, wireless remote reader or with the desktop reader which is connected to the PC. Lost media automatically expire.

### The Wireless function

With the wireless function, a connection can be established via radio over the wireless gateway 90 40 to the central access system. Thus, programming can be effected immediately from the PC and offers great convenience.

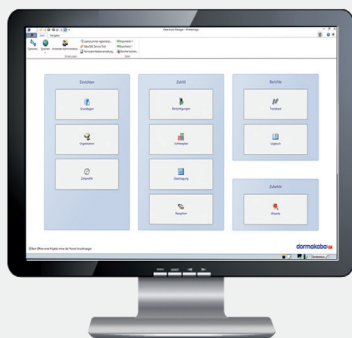
# Features dormakaba evolo Manager & desktop reader 91 08

## dormakaba evolo Manager/KEM software

All users, media and door components can be easily and clearly managed using the network-enabled KEM software. The allocation of access authorisations can therefore be implemented intuitively. The event memory can be extracted to obtain an overview of all access and system events. Also, time profiles can be set up and users programmed and managed. As a PC software, it is installed once on a computer and launched when required.

- **System requirements:**

Operating system (32/64Bit): Windows 10; Windows Server 2016; Windows Server 2019.



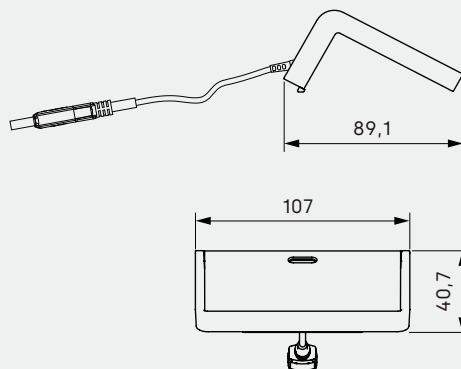
dormakaba evolo Manager/KEM administration software

## dormakaba desktop reader 91 08

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



dormakaba desktop reader 91 08  
(dimensions in mm)



## Technical data

### dormakaba evolo Manager/KEM

#### Versions:

- 200 objects
- unlimited

#### Processor:

- 1.4GHz or higher (2.4 GHz recommended)

#### Working memory:

- 1 GB (2 GB recommended)

#### Hard disk:

- min. 6 GB free memory, including all additional components supplied (Microsoft.Net Framework 4.8, Microsoft SQL Server 2019 Express Microsoft System CLR Types for SQL Server 2016, Microsoft SQL Server 2016 Management Objects, Crystal Reports Basic for Visual Studio 2010, Kaba EAC Service Tool, Windows Installer 4.5). The additional components are part of the installation and are installed if not present.

#### Screen resolution:

- min. 1,024 x 768 pixel  
(1,920 x 1,200 pixel recommended)

#### Interfaces:

- 2 x USB

### dormakaba desktop reader 91 08

#### RFID technologies supported:

- LEGIC CTC (prime/advant)
- LEGIC advant
- MIFARE® DESFire®

#### Dimensions:

- 107 x 40.2 x 89.3 mm (W x H x D)

#### Housing material:

- Black plastic with silver trim

#### Power supply:

- External power supply USB, 5 V/max. 500 mA

#### Interfaces:

- USB V2.0 low speed

#### Environmental conditions:

- Protection class: IP20
- Temperature: 0 °C to + 40 °C
- Humidity: 0 to 95% rH, non-condensing
- Climate: not suitable for use in corrosive atmospheres (chlorine, ammonia)

# Programming media and Programmer 1460

## Programming media

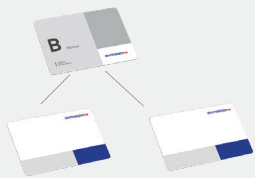
Access rights are created and changed using the programming media. They are used exclusively for this purpose. Master A media are used to authorise Master B media (A/B structure). The grouping of user media is only possible with an A/B structure if only manual programming is used. The master B media are used to feed in and programme the user media (B structure).

- **Programming master A:** Initialisation and programming medium for programming the standalone components. Used for A/B structures if the users are to be created in groups during manual programming.
- **Programming master B:** Initialisation and programming medium for programming the 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 door components. These media are only valid for a certain time period and have limited functionality. This allows a high degree of flexibility when managing locking systems because a master T medium can be handed over to service staff without having to hand out the security-relevant Master B. Master T is derived from 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.

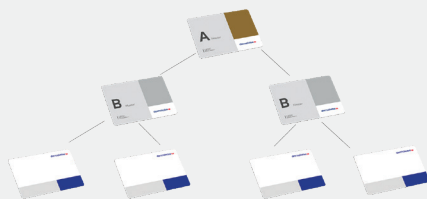
## Technical data

### Programming cards

- Programming Master A, MIFARE®
- Programming Master B, MIFARE®
- Programming Master T, MIFARE®
- Programming Master A, LEGIC
- Programming Master B, LEGIC
- Programming Master T, LEGIC
- Security card C, MIFARE®
- Security card C1 and C2, LEGIC
- Card size: 85 x 54 mm
- Protection class: IP67
- Temperature -25 °C to +70 °C
- Humidity 0 to 95% rH, non-condensing



Master B structure



Master A/B structure

## dormakaba programmer 1460

This programming device communicates wirelessly with the door components. This allows data to be imported and exported. The programming unit and the dormakaba evolo Manager software are required for programming the system.

- Supported component types: LEGIC, MIFARE and MRD
- Number of locking plans: 100
- Number of components per locking plan: 512
- Storage medium: SD, integrated
- Memory size used: 2 GB
- Connection to components: One-Wire RS232 (115 200 baud) and NFC

## dormakaba programmer 1460

### Dimensions / weight:

- 88 x 190 x 40 mm (W x H x D)
- Weight: 350 g

### Power / interfaces:

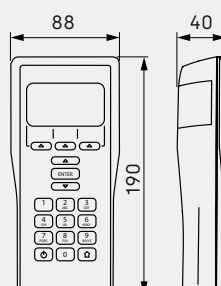
- Power supply: NiMH battery/Ext. USB power supply 5 V/ max. 350 mA
- Charger: 100 – 240 V AC, 50 – 60 Hz
- Interfaces: Wireless NFC communication with the door components/one-wire interface for firmware updates/USB interface for connecting PCs (transfers from and to the software)

### Environmental conditions:

- Temperature: 0 °C to + 50 °C
- Protection class: IP40
- Humidity: 0 to 95% rH, non-condensing
- Climate: not suitable for use in corrosive atmospheres (chlorine, ammonia)



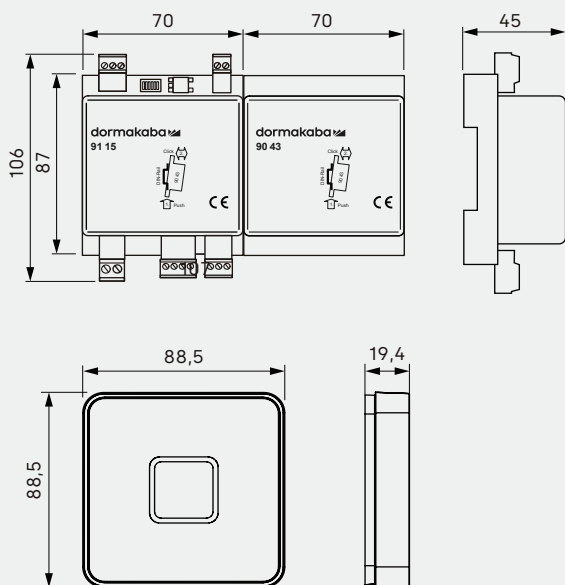
dormakaba Programmer 1460  
(dimensions in mm)



# Wireless update reader

## Wireless update reader

The desired access data can be programmed on the PC using the evolvo Manager software and transferred to the wireless reader, where the users collect the new authorisations for their badges. New access rights can therefore be granted quickly and efficiently as the doors concerned do not need to be reprogrammed. You also have the option of transferring new CardLink access rights directly to the update reader via the programming device.



Wireless update reader:  
Remote reader 91 15 and an extension module 90 43 combined with a registration unit 90 01 as an example (dimensions in mm)

## Technical data

### Remote reader 91 15

#### RFID technologies supported:

- LEGIC CTC (prime/advant)
- LEGIC advant
- MIFARE® DESFire®

#### Design / dimensions:

- 70 x 106 x 45 mm (W x H x D)
- Colour: black
- Housing: for DIN rails power supply  
100 – 240 V AC 50 – 60 Hz  
(max. 200 mA)

#### Interfaces:

- Coaxial connection for registration unit
- RS-485: Connection to host; electrically isolated
- 2 binary inputs: max. 5 V DC
- 1 relay output: - max. 34 V DC/60 W,  
- max. 27 V AC/60 V AC

#### Power supply:

- 12 27V AC, 50/60 Hz or 10 34V DC
- Power consumption: type 3 W, max. 4.5 W
- The clock runs for a maximum of 120 hours without power.

#### Environmental conditions:

- Temperature: –25 °C to +70 °C
- Protection class: IP40
- Humidity: 0% to 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/EU

### Extension module 90 43

#### Designs / material / dimensions:

- Black ABS housing
- 70 x 87 x 45 mm (W x H x D)

#### Radio interface:

- Technology: IEEE 802.15.4
- Frequency band: 2400 to 2485.5 MHz  
(16 channels)

#### Environmental conditions:

- Operating temperature: –0 °C to +50 °C
- Humidity: 5 – 85%, non-condensing
- Class of protection according to IEC 60529: IP20

#### Certificates / standards:

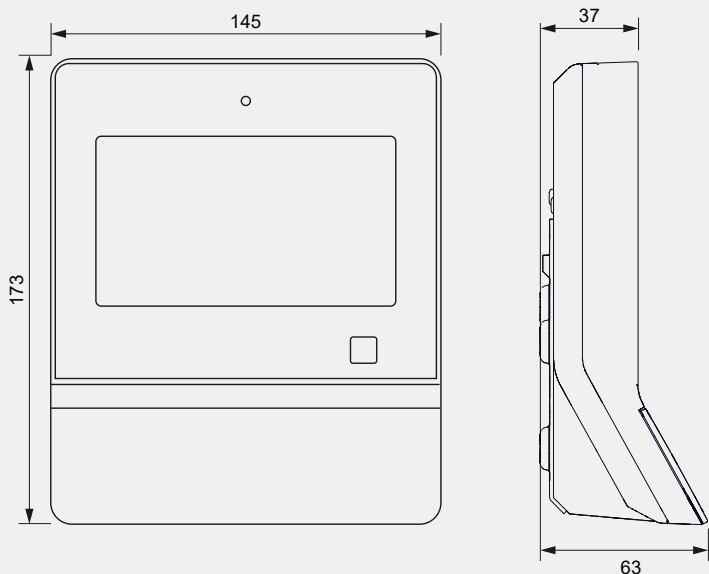
- EN 300 328, EN 301 489-1
- EN 62368-1
- 2014/53/EU, 2014/35/EU and 2011/65/EU

# Features

## Terminal 96 00

### Terminal 96 00

The terminal 96 00 of the K7-series offers an integrated solution for access control and enables access data to be configured centrally on a PC using the evolvo Manager software. This configured data is then transferred directly to the terminal. Users can conveniently pick up their updated authorisations in the entrance area with their RFID badges when they hold them up. This enables new access rights to be assigned efficiently and quickly via CardLink without needing to spend time reprogramming individual doors.



terminal 96 00, K7 series  
(dimensions in mm)

### Technical data

#### Terminal 9600-K7

##### RFID technologies supported:

- LEGIC CTC (prime/advant)
- LEGIC advant
- MIFARE® DESFire®

##### Dimensions:

- 145 x 173 x 63 mm (B x H x T) (W x H x D)

##### Device software:

- B-Client HR40 with the functional variants 9605, 9640 or 9660

##### Interfaces:

- 10/100/1000 Ethernet Interface (IPv4, IPv6)

##### Power supply:

- PoE (Power over Ethernet) – power supply to the terminal via the 8-wire Ethernet cable (max. 100 m):
  - According to IEEE802.3at
  - PD Type 1
  - Class 0 (0.44-12.95 W)
  - Supported supply methods: Spare pair power supply and phantom power

##### Environmental conditions:

- Operating temperature: –25 °C to +55 °C
- Protection class: IP20 (IP65 with optional cable seal)
- Humidity: 5 to 85%, non-condensing

##### Certificates / standards:

- EN 62368-1:2014, EN 300 330 V2.1.1, EN 301 489-1 V2.2.0, EN 301 489-3 V2.1.1, EN 62311:2008
- UL62368-1:2014
- CAN/CSA-22.2 no. 62368-1:2014
- FCC Code of Federal Regulations
- FCC Part 15 Class C
- RoHS

Additional technical features on request.  
Further details and ordering information can be found in the relevant dormakaba catalogues or system descriptions.

## Our Sustainability Commitment

We are committed to foster a sustainable development along our entire value chain in line with our economic, environmental and social responsibilities toward current and future generations. Sustainability at product level is an important, future-oriented approach in the field of construction. In order to give quantified disclosures of a product's environmental impact through its entire life cycle, dormakaba provides Environmental Product Declarations (EPD), based on holistic life cycle assessments.

[www.dormakaba.com/sustainability](http://www.dormakaba.com/sustainability)

## Our offering

### Access Automation Solutions

Entrance Automation  
Entrance Security



### Access Control Solutions

Electronic Access & Data  
Escape and Rescue Systems  
Lodging Systems



### Access Hardware Solutions

Door Closers  
Architectural Hardware  
Mechanical Key Systems



### Services

Technical Support  
Installation and commissioning  
Maintenance and Repairs



Version EN, 04/2026.  
Subject to technical modifications.  
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Note:  
The scope of this product's functions depends on the system environment selected.  
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