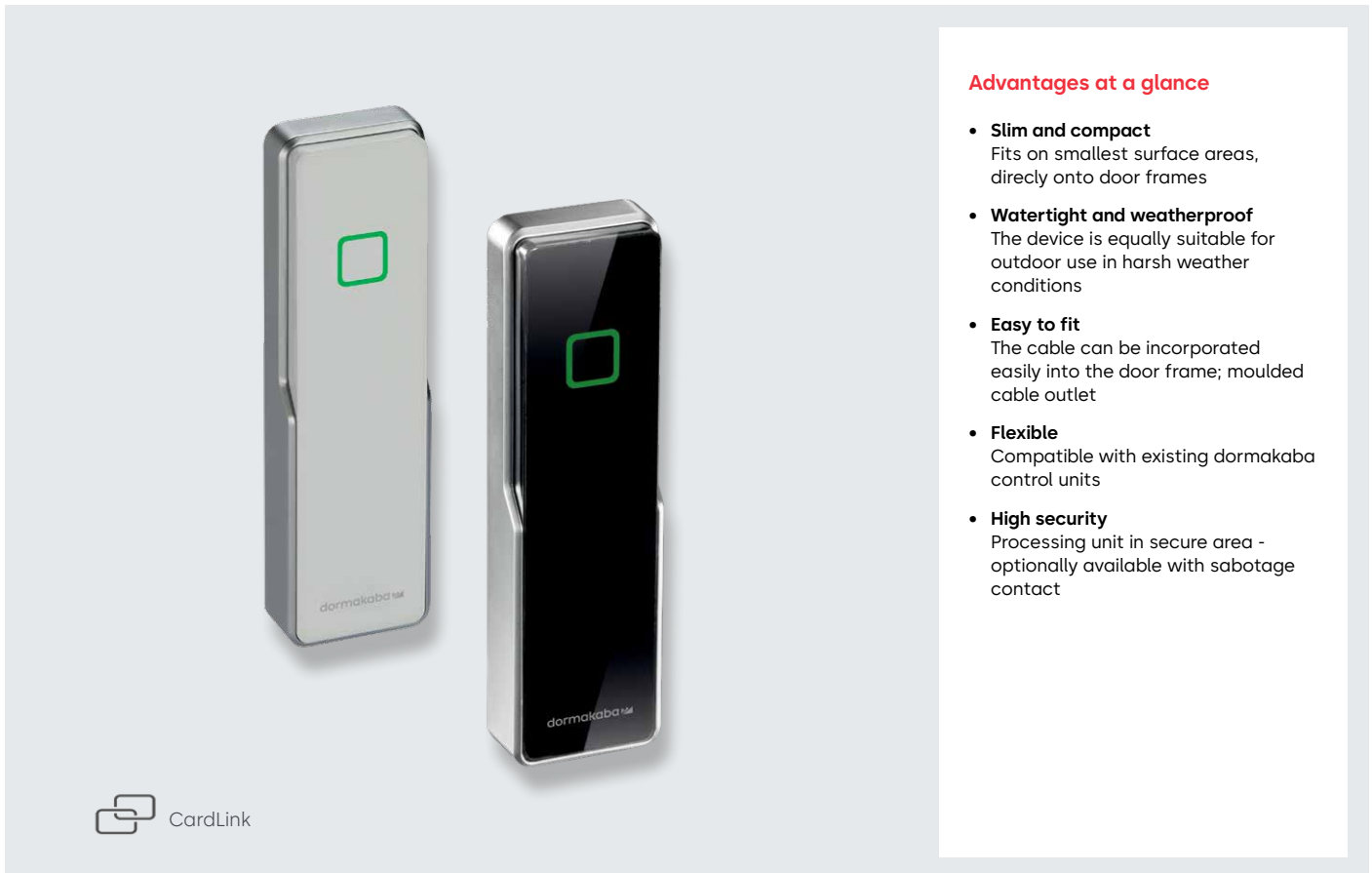# dormakaba

dormakaba registration unit
90 04

CardLink

Advantages at a glance

- **Slim and compact**
  Fits on smallest surface areas, direcly onto door frames

- **Watertight and weatherproof**
  The device is equally suitable for outdoor use in harsh weather conditions

- **Easy to fit**
  The cable can be incorporated easily into the door frame; moulded cable outlet

- **Flexible**
  Compatible with existing dormakaba control units

- **High security**
  Processing unit in secure area - optionally available with sabotage contact

Slim reader solution
The dormakaba registration unit 90 04 can be easily integrated into building structures. As part of the design award-winning dormakaba product portfolio, it is supplied in an elegant high-gloss housing. Both a visual and audible signalisation indicate, whether access is granted.

Operation
Simply hold your badge, key fob or key with RFID to the registration unit, wait a moment and enter.

Function
The registration unit, together with the dormakaba control devices (see Compatibility), form a secure and convenient solution for access control.

Areas of application
Thanks to the slim design, the dormakaba registration unit 90 04 can be installed directly onto door frames out of metal, wood or plastic. The installation is straightforward – two screws and one boring – the cable can discreetly be integrated into the door frame.

Areas of application
The dormakaba registration unit 90 04 offers a variety of applications:
- external gates and gateways
- office buildings
- automatic doors
- elevators
- garage doors
- car park barriers
- entrance areas

Factsheet

Intuitive user guidance

The RFID access device is held in front of the registration unit. An acoustic signal and a light (green/red) indicate the access decision. Access to the desired area is permitted – whether through car park barriers, automatic sliding doors, lift, barriers or normal doors.
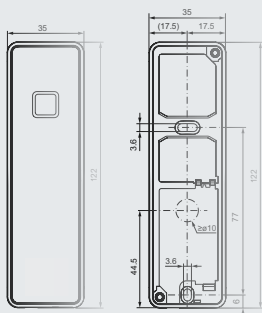
RRM concept (Remote Reader Module)

- Tamper protected: The registration unit is positioned away from the electronic reader. Regardless of the installation location of the registration unit, the control unit can be installed in a tamper-proof area. Optionally, the registration unit can be fitted with a tamper-proof contact so that in the event of vandalism an alarm can be triggered in the system.

- High resistance to manipulation: Communication between the registration units and the accompanying control unit is encrypted and offers the highest level of security.
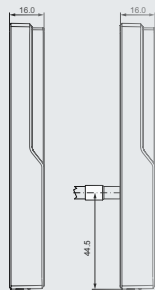
Compatibility

The dormakaba registration unit 90 04 can be operated with different dormakaba control units:

- dormakaba access manager 92 00

- dormakaba access manager 92 3x

- dormakaba remote reader 91 15

- dormakaba remote reader 91 25

Note: The product›s range of available functions depends on the system context in which it is used.

dormakaba registration unit 90 04, standard version

dormakaba registration unit 90 04, side view with cable outlet

Technical specification

Design/material/dimensions

- 35 x 122 x 16 mm (W x H x D)
- front: PC plastic, non-scratch coating; colour: RAL 9005 deep black, RAL 9016 white
- back panel: plastic, matt chrome-plated; colour: RAL 9006 white aluminium

Terminal

- moulded cable outlet, coaxial cable 50 Ω (RG 174/U); diameter: 2.8 mm
- cable length: choice of 8 or 30 m

Transmission technologies

- RFID identifikation:
  - LEGIC advant, ISO 14443A
  - MIFARE® DESFire®, ISO 14443A
  - OSS-SO version 2021-06: LEGIC advant, MIFARE® DESFire®

Ambient conditions

- temperature: -25 °C to +70°C
- protection class: IP66

Certificates/standards

- EN 301 489-1, EN 301 489-3,
- EN 300 330-1, EN 300 330-2
- RED 2014/53/EU

Further details and order information can be found in the relevant dormakaba catalogues or system descriptions.

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Subject to changes without notice.
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Any questions? We will be happy to assist you.