



Wireless



dormakaba

extension module 90 43

A smart way to wireless

Convenient wireless function

With the extension module 90 43, the standalone remote reader 91 15 becomes a reader with convenient wireless function. This way, you can program doors from your desk and benefit from the advantages of a wireless access system.

The extension module can be plugged into the remote reader 91 15. Thus, the reader receives all access data wirelessly.

Use

You can use the extension module 90 43 together with the remote reader 91 15 for doors where you wish to change access rights wirelessly. For instance, in a system in which doors have been equipped with battery-operated standalone components and have the wireless function. Here you can integrate the entrance door reader into the

same network and operate all doors conveniently with the click of a mouse.

If you use an online system, your doors in neighbouring buildings can quickly and conveniently be incorporated wirelessly without the need of additional bus cables.

Areas of Application

This solution can be used as an access point for almost any door.

- Standalone systems: as a CardLink update point
- External doors and gates
- Automatic doors
- Parking barriers
- Entrance areas
- Motor locks

Benefits at a glance:

Versatile

Can be used for nearly all door solutions, such as automatic doors with wireless functionality

High level of security

Even with wireless functionality, the remote reader remains secure and telecommunications are encrypted with AES

Can be upgraded

Even existing remote readers (version 91 15-K5/MRD) can be equipped with this wireless functionality

Convenient and efficient

At the access point, the Cardlink update function is integrated simultaneously



Features

Installation

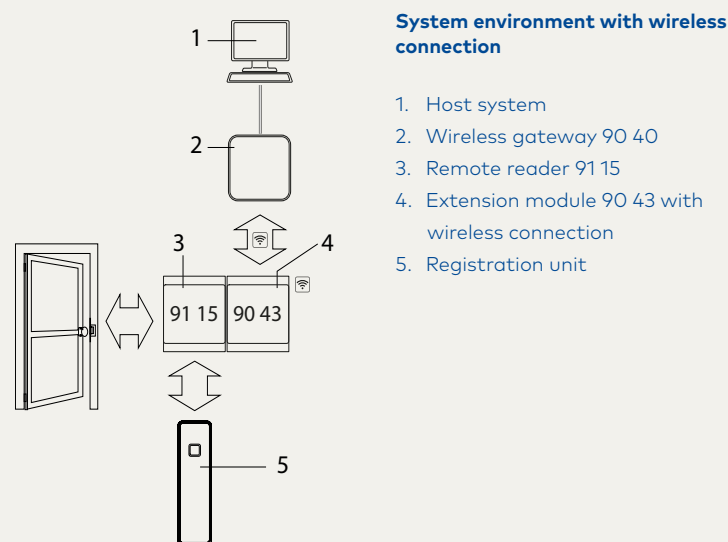
The extension module 90 43 is designed for installation on a DIN top hat rail as per EN 60715. It is to be docked onto the remote reader. For this purpose, the remote reader has a connector at its side - no other connections are needed. The extension module is not suitable for installations within metal housings.

Versatile

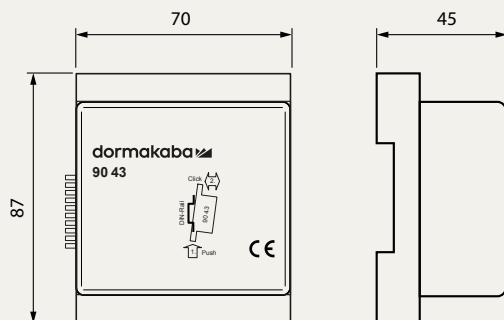
With the extension module 90 43 and remote reader 91 15, almost any kind of passage can be operated in wireless mode both in a standalone and an online system.

Note:

The range of functions of the product depends on the system environment chosen. You can find further details and order information in the relevant dormakaba catalogues.



dormakaba
extension module 90 43
[mm]



Technical information

Design / material / weight

- Black ABS case
- 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)

Environment

- Operating temperature: 0 °C to + 50 °C
- Storage temperature: - 20 °C to + 65 °C
- Humidity: 5 to 85 %, non-condensing
- Class of protection as per BS EN 60529: IP 20

Standards and guidelines

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

Environmental product declaration: EPD

- Declaration number: EPD-DOR-20210197-CBA1-EN
- Under ISO 14025 and EN 15804+A2
- Publisher and declaration holder: Institut Bauen und Umwelt e.V.

Our Sustainability Commitment

dormakaba is committed to foster a sustainable development along our entire value chain.

In order to give quantified disclosures of a product's environmental impact and its ecological footprint, dormakaba provides Environmental Product Declarations (EPDs). Please download the EPD and read more about our sustainability commitment [here](#) or use the QR code provided.



Subject to technical changes without prior notice.
Version 03/2022. © 2022 dormakaba.

Any questions? We would be happy to advise you.