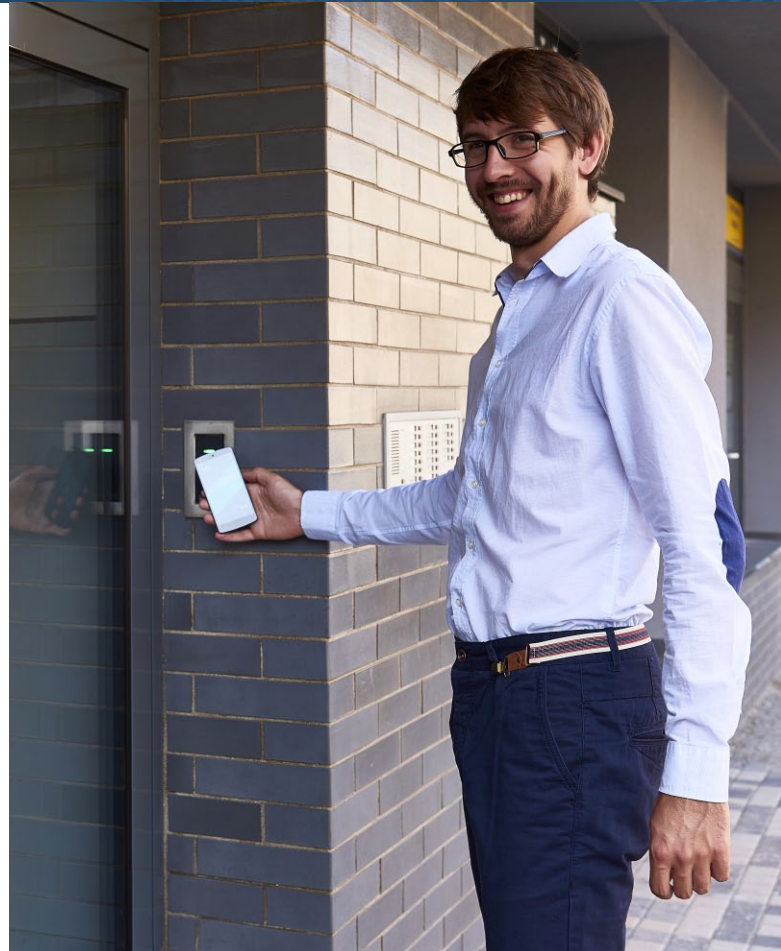# IMAPorter
Basic

DESCRIPTION

IMAporter Basic is an advanced access control system equipped with innovative identification and communication technologies. It offers a robust and reliable solution with advanced access control features and is therefore ideal for apartment buildings or administrative areas. The system can be managed either using a mobile device or centrally from a local server. It supports user identification simultaneously via RFID cards, NFC or Bluetooth LE technology. IMAporter Basic consists of a smart autonomous reader and an external relay module designed to maximize the system's security. Optionally it can be equipped with a LAN interface to connect directly to a local network. As a robust solution for a reasonable price it is primarily designed for small to medium sized premises. Special care is given to user rights management. User movement within the building can be both tracked and easily restricted to certain entrances based on a specific time and date.

EASY ACCESS CONTROL RIGHTS MANAGEMENT

A database of access rights is managed using an intuitive SW for Windows OS. The system can also be managed via a mobile app. The building administrator is responsible for adding and removing user rights for access. In the event of any change, it is therefore not necessary to contact the producer or supplier as everything can be done solely by the customer.

MAIN ADVANTAGES

- Secure and robust access solution

- Administration using a PC or mobile app

- Identification via NFC or Bluetooth LE

- Compatible with Android and iOS devices

- Advanced configuration options and features

POSSIBILITIES OF USER IDENTIFICATION

IMAporter Basic offers three options of user identification: contactless NFC cards, opening the doors via NFC-enabled, or Bluetooth Low Energy-enabled Smartphones.. Contactless cards (fobs, stickers…) supporting NFC technology secure the data transfer within a few centimeters' distance.

Mobile Access function enables user identification via mobile devices with Android or iOS systems supporting NFC or Bluetooth Low Energy (BLE) technologies. NFC enabled mobile devices allow tap-based identification, operating over a short distance, whereas mobile devices with BLE provide identification over up to a few meters' distance.

SYSTEM COMPONENTS

- Access terminal RSW.04-P / RSW.04-PB*
- Switching module SMR.03
- USB or LAN converter
- 12 V DC adapter or backed-up power supply
- Identification Media
- IMAporter Admin SW for PC

* RSW.04-P = NFC only, RSW.04-PB = NFC + Bluetooth LE

OPTIONAL COMPONENTS

- IMAporter Mobile Admin app
- NFC-enabled Android 4.4+ mobile device

REQUIRED ACCESSORIES

- Electromagnetic lock or other switching device

TECHNICAL SPECIFICATION

Memory – Access rights:	up to 2100 users per door
Memory – Events:	up to 1000 last events per door (optional)
Number of weekly calendars:	20
Number of national holidays:	20
Frequency:	13.56 MHz & 2.4 GHz
Identification media:	NFC media ISO14443: (Mifare 1k, DESFire EV1, Ultralight, NTAG20x, NTAG21x, PayPass etc.) NFC devices: Android 4.4+, BLE devices: Android 4.4+, iOS 7+
Identification distance:	NFC media ISO14443A: up to 70 mm (2.8"), NFC devices: up to 50 mm (2.0"), BLE devices: 50 mm (2.0") to 10 m (32.8 ft)
Communication technology:	LAN (TCP/IP) / RS485 / NFC
Output / max. current:	2 switching relay contacts / 1 A / 60 V
Indication:	LED (green/red), beep
Power supply / max. consumption:	12 VDC / 200 mA
Certification:	CE
Reader cover:	Black plastic box (ABS) with sticker possibility
Reader dimensions:	117 mm (4.6") x 50 mm (2.0") x 20 mm (0.8")
Reader IP rating:	IP 65
Relay module cover:	White plastic box (ABS)
Relay module dimensions:	119 mm (4.7") x 80 mm (3.1") x 41 mm (1.6")
Relay module IP rating:	IP52
Temperature range:	-25°C to +60°C (-13°F to 140°F)