ACCESS CONTROL

FINGER SCANNERS

In the world of smartphones and tablets, a fingerprint is now well known as a way to unlock these devices, but the use of a fingerprint is certainly worth considering for access control of companies and households as well.
It may seem like science fiction to some, but more than a million satisfied customers are already using this technology every day and can't live without it!

Why choose finger scanners?

UNIQUE COMFORT
Impossible to lock yourself out, as your finger is always on hand!

HIGHEST SECURITY
- No lost or stolen keys!
- Maximum protection against forgery thanks to live finger detection with RF sensor technology!
- Not possible for access to be passed on (using a card or key, for example)!
- 1,000 times more secure than a 4-digit code!
- false acceptance rate of 1:10 million

USER-FRIENDLY
Easy installation and administration!

INTELLIGENT SOFTWARE
The intelligent software is learning all the time – it can detect the growth of children's fingers as well as minor injuries and changes to users' habits.

KNOW WHO IS COMING HOME
By using the ekey fingerprint access control system, multi-unit, building control systems can now detect "which person" triggers an action.

DESIGN
A perfect integration in Reynaers Aluminium systems.

QUALITY
All ekey products undergo a rigorous endurance test before they reach the market. The test involves intensive simulations of blazing heat, biting cold, and high humidity, and every finger scanner is subjected to these conditions, along with all of its components, countless times before reaching the customer.

SMART BUILDINGS
The Reynaers access control is part of our Smart Buildings products. More information about this topic can be found on the corporate website:
https://www.reynaers.com/en/products/smart-buildings.

ACCESS CONTROL

When it comes to protecting your home or business, you want to have control over who has access to your building, and when.

Historically, this was (partially) accomplished through mechanical locks and keys: when a door is locked, only someone with a key can enter. However, mechanical locking solutions have their limitations:

- they do not allow restriction of the key holder to specific times or dates.
- keys can be easily copied or transferred to an unauthorised person.
- when a mechanical key is lost or the key holder is no longer authorized to access the protected area, the locks must be re-keyed.

Hence the need for solutions that offer more safety and control than a simple mechanical lock.

Today, there are a number of electronical access control systems you can choose from to protect your residence or business facility.

Reynaers is partnering with ekey; Europe's no. 1 software supplier for fingerprint scanning solutions.

Finger scanners - the most secure way to open a door

Maximum security and intelligent software
With an electronic Fuhr lock solution with a fingerprint scanner, you can exclude lost or stolen keys: your finger is always at hand. The ekey-software learns all the time; it can detect the growth of children's fingers and minor injuries and compensate for minor changes in the placement of the fingers.

Key pad – a good alternative for a finger scanner

99 personal codes can be programmed in one keypad, which can be easily adapted. This way you never lock yourself out and a simple and safe access is guaranteed without the user having to save a fingerprint.

Card reader (RFID) - an additional function as an optional choice

Some ekey INTEGRA fingerprint scanner models are available with a card reader function (RFID). This allows the door to be opened with a transponder or card without the user having to save a fingerprint. This optional additional function is useful if you want to give visitors temporary access.

ekey home app - smartphone access and management

The free ekey home-app provides an easy way for the user to do all the important configuration settings for the fingerprint scanner and perform management settings from a smartphone or tablet.

Door opening with a smartphone
The administrator can also authorize other users so that their smartphones or tablet devices act as "door openers" without having to store their fingerprints in the system. Access rights can be revoked by the administrator at any time.

Enable or disable users at the touch of a button
With the ekey home app, registered users such as neighbours for example can have temporary access while a homeowner's on vacation. This authorization can be deactivated immediately upon the homeowner's return without removing the user.

It is recommended to provide a battery backup and possibly also a cylinder to ensure proper security and access at all times.

For service assistance, you can always contact your sales contact.

OPTIONS AND DESIGNS

Arte

- Small aesthetic solution.
- Only suitable for build-in installation. No bolt-on possible!
- Only in stainless steel and black version.
- Version with or without BT depending on the control unit.
- Always with screw fastening
- 99 fingers
- Only stand-alone possible

Integra 2.0

- Suitable for flush mounting and surface mounting.
- Stainless steel, white or black execution.
- For RFID only stainless steel or black.
- Available with or without BT and/or RFID.
- Surface mounted frame option in stainless steel with white or black finish
- Always with screw fastening
- 99 fingers
- Linkable with multiple readers or key-pads: Multi up to 4 scanners.

Integra keypad

- Suitable for flush mounting and surface mounting.
- White or black version
- Surface mounted frame option in stainless steel with white or black finish
- Always with screw fastening
- 99 fingers
- Linkable with multiple readers or key-pads: Multi up to 4 scanners.

BT (Bluetooth) is required to operate a device with the app on a smartphone or tablet.
RFID: wireless access with a unique card or keychain.

General information :

- Can be built into panel/wing/style/door puller etc.
- 8-24 V DC
- Use between -25 to 70°C
- Suitable for outdoor use.
- Recommended installation height for finger scanners is 1550 mm.
- It is always possible to open the door via intercom (extra input contact)

Extra options :

- Built-in power supply in door or for electrical cabinet
- Additional RFID card and/or RFID badge
- 2 options for wall mounting box only for Integra or keypad
- Multi module is a central unit where up to 4 finger scanners Integra 2.0 can be connected and provide time-based access.

PLUG AND PLAY

The delivered package is ready to use and compatible with different opening types and third party solutions:

By using our electric cabinets with battery back-up, the locks ands doors will guarantee the operationeven on power failures!

Fuhr electronic door lock

The access control solutions sold by Reynaers Aluminium are fully adapted to the combination with Fuhr electric locks: no additional Fuhr accessories are required for installation. This solution is available for all doors and pivot doors.

This combination assures a high-end and high comfort function, that offers extra safety and burglar resistance.
We offer a choice between a partially mechanical 3-point lock (Autotronic) with RC 2 qualification, or a fully electrical 7-point lock (Multitronic) with RC 3 qualification. To open the door from the inside, just turn the handle.

E-opener electric strikes

An Electric Strike is an electrical device to unlock doors remotely. It replaces the permanent striker plate fixed in the door-frame.
An electrical voltage operates an electromagnet, which releases the latch of the mechanical lock.

Electric Strikes are often used in combination with an access control system, as it allows you to open the door remotely by using a keypad for example.

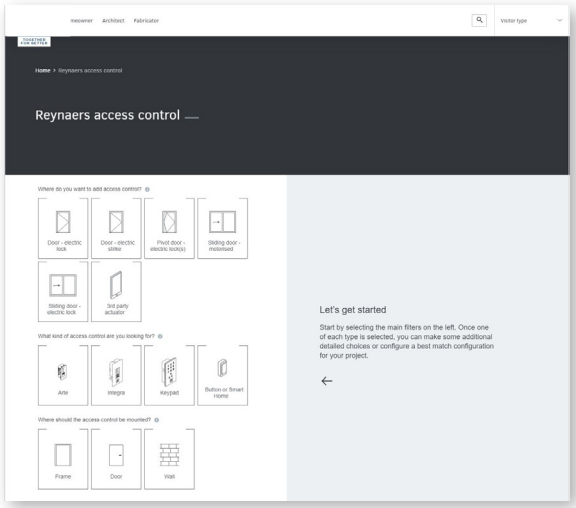
Motorised sliding window or even lift/slide window

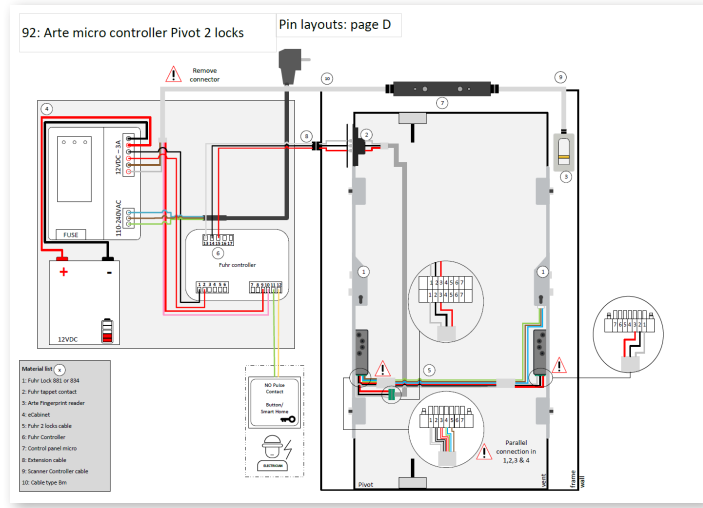
The keypads or fingerprint scanners can also be linked to a motorised sliding window or even a lift/slide window to provide extra security and comfort.

Combine the access control solutions with our pre-wired electric cabinets or with an Element Controller to allow for motorised opening of almost all imaginable opening types.

Compatible with all building automation apps / Smart home systems

Check out our Reynaers access control - Selector online on your customer portal.
All options are available with wiring-diagrams, easy connections and an article list.





TOGETHER FOR BETTER