

Access control



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Access control

When it comes to protecting your home or business, you want to have control over who can access your building, and when. Historically, this was in part accomplished through mechanical locks and keys; after all, when a door is locked, only people with a key can enter. However, mechanical locking solutions have their limitations:

- They do not allow restriction of key holders at a specific time of day or date.
- Keys can be easily copied or transferred to an unauthorised person.
- When a mechanical key is lost or a key holder is no longer authorised to enter the building, all locks must be re-keyed.

Hence the need for safer solutions that offer control at all times. Reynaers Aluminium provides a number of electronic access control systems to protect your residence or business facility. To do so, we have partnered up with eKey, the number one software supplier for fingerprint scanning solutions in Europe.



Finger scanners - the most secure way to open doors

Electronic FUHR lock systems with a fingerprint scanner help you stop worrying about lost or stolen keys: one finger is all you need. The eKey-software learns continuously as it detects the growth of children's fingers and compensates for minor injuries or sudden changes in finger placement.



Keypads – a solid alternative for finger scanners

One keypad allows you to programme up to 99 personal codes and easily adapt access information as you like. Avoid people locking themselves out with this safe and solid access control feature.



Card readers (RFID) - perfect to grant temporary access

Some eKey Integra fingerprint scanner models are available with an additional card reader function (RFID). Doors are opened with a transponder or card without users having to save a fingerprint. This optional function comes in handy when you want to grant visitors temporary access.



The eKey byonix app - easy smartphone access and management

The eKey byonix application is your **control centre** for building access. **Assigning permissions and roles** to family members, friends, employees, and service providers has never been easier. You can even **define time slots** that restrict access to certain days of the week or times of day for specific individuals. The **access log** shows all activities of your eKey dLine fingerprint scanner over the last 30 days.

What is more, the app is the trigger for all sorts of **smart functions: remote access control, push notifications** to your smartphone, a connection to your **virtual assistant** (e.g., Amazon Alexa), etc. These are all subtle benefits that make your daily life that much easier!

The devices **update automatically** overnight to offer you optimal performance throughout the day. Manufacturers and electricians can use the handy **test mode** for the systems' basic function - i.e., opening the door - during maintenance. Battery backup is recommended, as well as an optional cylinder to ensure proper security and access at all times.

Make sure to reach out to your Reynaers Aluminium sales contact for further service assistance.

Finger scanners

In the digital world of smartphones and tablets, we often use our fingerprint to unlock various personal devices. So why not use that same fingerprint to manage access control of companies and households too? It may seem like science fiction to some, but satisfied customers all over the world are already using this technology every day and cannot live without it!

Why choose finger scanners?

Unique comfort

Finger scanners make it impossible to lock yourself out since you are the key yourself. What is more, remote access control and a convenient connection to your virtual assistant make daily life that much easier.

Highest security

No need to worry about lost, stolen, or swapped keys and keycards anymore: enjoy maximum security at a finger's touch! Thanks to live finger detection with RF sensor technology, you are protected against any type of forgery. Did you know that finger scanners are a thousand times more secure than any four-digit code? We apply a strict false acceptance rate of 1:10 million to offer you and your loved ones the ultimate sense of security.

Intelligent software

The system's intelligent software is learning all the time. For example, it detects the growth of children's fingers, it compensates for minor injuries, and it recognises changes to users' habits in an instant.

Continuous control

By using the eKey fingerprint access control system, supervisors of multi-unit building control systems can now detect which person "triggers an action". Additionally, you can invite users to enter in a defined timeslot via the eKey bionyx app.

Subtle and user-friendly design

All our finger scanners perfectly integrate into your Reynaers Aluminium doors and sliding systems. All wiring is neatly hidden into the system's profiles, which results in a subtle, minimalist finish. Moreover, enjoy easy installation and maintenance at all times thanks to our scanners' straightforward design and set-up instructions.

Tested and approved quality

All eKey products undergo rigorous endurance tests before reaching the customer. For instance, every finger scanner and its components are subjected to high-intensity simulations of the harshest weather conditions. From blazing heat to biting cold and extreme humidity: nothing is left to chance.

More Smart Building solutions

Access control by Reynaers Aluminium is part of our Smart Buildings product range. Visit our corporate website for more information about this topic: www.reynaers.com/smart-buildings



Options and designs

Access control solutions by Reynaers Aluminium come in multiple shapes and sizes, depending on the user's security needs. Discover our solutions below, compare their design options and choose the systems that best fit your building project.



dLine

- Small aesthetic solution
- Flawless installation, bolted onto or built in the door or door leaf
- Stainless steel or black finish
- Always with screw fastening
- Simple and intuitive touch operation
- eKey Byonix app



Keypad

- Suitable for flush mounting and surface mounting
- White or black finish
- Surface-mounted option in stainless steel with white or black finish
- Always with screw fastening
- Up to 99 unique fingerprints to register
- Links with multiple readers or keypads (Multi up to four scanners)



Integra

- Suitable for flush and surface mounting
- Stainless steel or black finish
- For RFID*: stainless steel or black finish
- Surface-mounted option in stainless steel with white or black finish
- Always with screw fastening
- Up to 99 unique fingerprints to register
- Linkable with multiple readers or keypads; Multi up to four scanners



Keypad Lite

- Single-entry, stand-alone keypad mainly for secondary entrance use
- Easy plug-and-play installation
- Anti-tamper alarm included
- Up to 1,000 unique codes to register
- 10 visitor users with limited usage
- Metallic or black finish

General information :

- Can be built into panel, wing, style, door puller, etc.
- 8-24 V DC power supply
- Use between -25°C to 70°C; suitable for outdoor use
- Recommended installation height for finger scanners: 1,550 mm
- Access via intercom possible (requires extra input contact)
- *RFID: wireless access system with a unique card or keychain

Extra options :

- Built-in power supply in door or for electrical cabinet
- Additional RFID card and/or RFID badge
- Two options for wall mounting box (only for Integra or keypad)
- Multi module: central unit that connects up to four finger scanners to provide time-based access

Plug and play

We offer high-quality access control systems that are ready to use and compatible with different opening types and third-party solutions. For example, by using our electrical cabinets with battery back-up, you can still operate locks and doors during major power failures. The following options are some clever access features that are worth considering when designing your next easy-entrance project.

FUHR electronic door lock

Reynaers Aluminium access control solutions are fully compatible with FUHR electric locks: no additional FUHR accessories are required for installation. This unique combination is available for all our aluminium doors and pivot doors.

Enjoy a high-end solution that offers extra safety and certified burglar resistance all year long. You can choose a partially mechanical three-point (Autotronic) lock with RC 2 burglarproof qualification, or you can opt for a fully electrical seven-point (Multitronic) lock with RC 3 certification. To open the door from the inside, simply turn the handle and walk outside. It is as easy as that!

E-opener Electric Strikes

An Electric Strike is an electrical device used to unlock doors remotely. It replaces the permanent striker plate fixed in the doorframe. How does it work? An electric charge operates an electromagnet, which in its turn releases the latch of the mechanical lock. This intricate solution is often used in combination with an access control system, such as a keypad, to open doors safely and remotely.

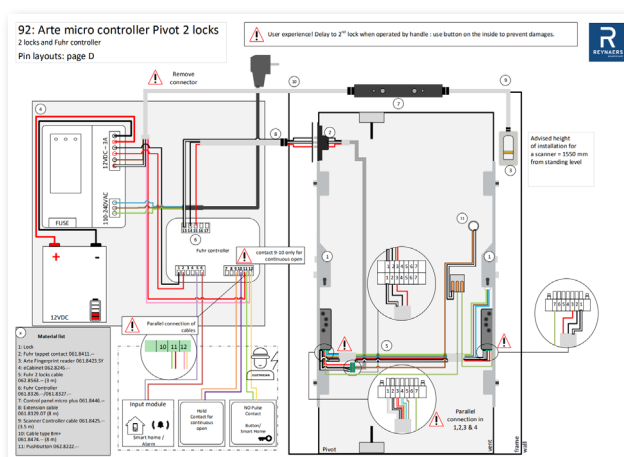
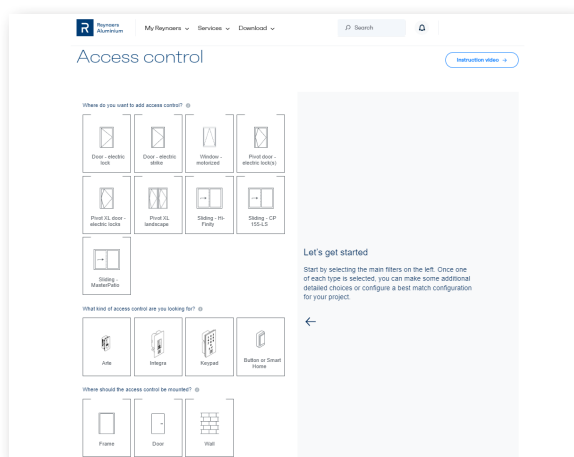
Motorised (lift-)slide windows

Our keypads and fingerprint scanners can also be linked to a motorised sliding window or lift-slide window to provide additional security and comfort. Combine the plug-and-play access control solutions with our pre-wired electrical cabinets or Element Controller to provide motorised opening of almost all imaginable opening types.

Smart home compatibility

The future of easy access is online. That is why our access control systems are perfectly compatible with all building automation apps and smart home systems.

Visit our online Access Control Selector on the Customer Portal and find out which combination of solutions fits your needs best. All options are available with detailed wiring-diagrams, easy connection suggestions and a full article checklist.





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