



Upgrade your access control

SMARTair

ASSA ABLOY
Opening Solutions

Experience a safer
and more open world

A SMARTair wireless access system puts you in control





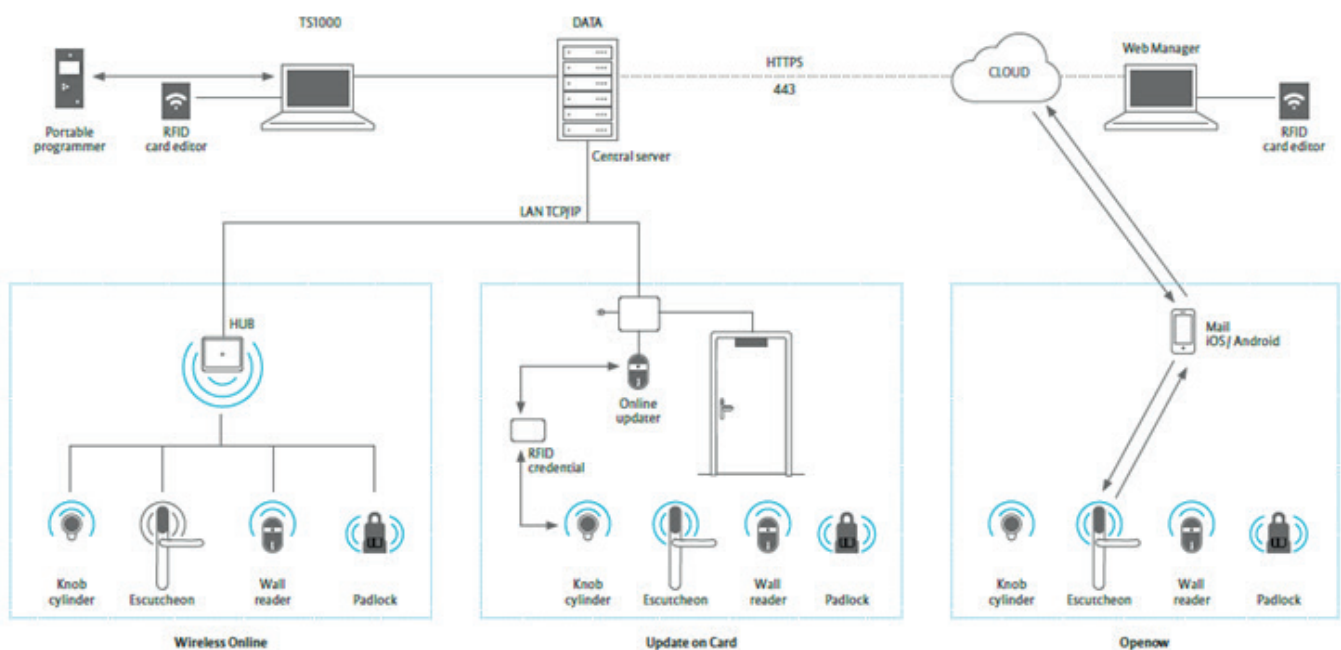
The ASSA ABLOY SMARTair access control system offers a convenient and secure solution for managing access to your building.

A SMARTair solution is built around three main elements:

1. Wire-free locking devices to secure doors and other openings
2. Mobile phone-based and/or hard RFID credentials are issued to users - no more keys
3. Intuitive software manages everything without hassle.

You decide (and monitor) who goes where and when

SMARTair System Architecture



Choose which system is right for you



SMARTair Update on Card

- Encode user cards directly for convenient access management.
- Intuitive SMARTair software simplifies the process.
- Add and delete users or lost/stolen cards.
- Collect audit trails for any lock or user.
- Add updaters or TCP IP encoders for a security upgrade.
- Users revalidate credentials via a network of updaters or TCP IP Encoders.
- Admin software collects and updates events automatically and regularly when Updaters and TCP IP Encoders are used.



SMARTair Pro Wireless

- Provides maximum system capability for large, busy buildings with many doors and users.
- Suitable for any size premises requiring real-time access control.
- Automated and encrypted communications between wireless devices and system software via communication hubs.
- Each hub manages up to 30 doors within a 30-metre range.
- Update or deny access rights wirelessly.
- Generate real-time audit trails for any lock in the organization.
- Open doors remotely.

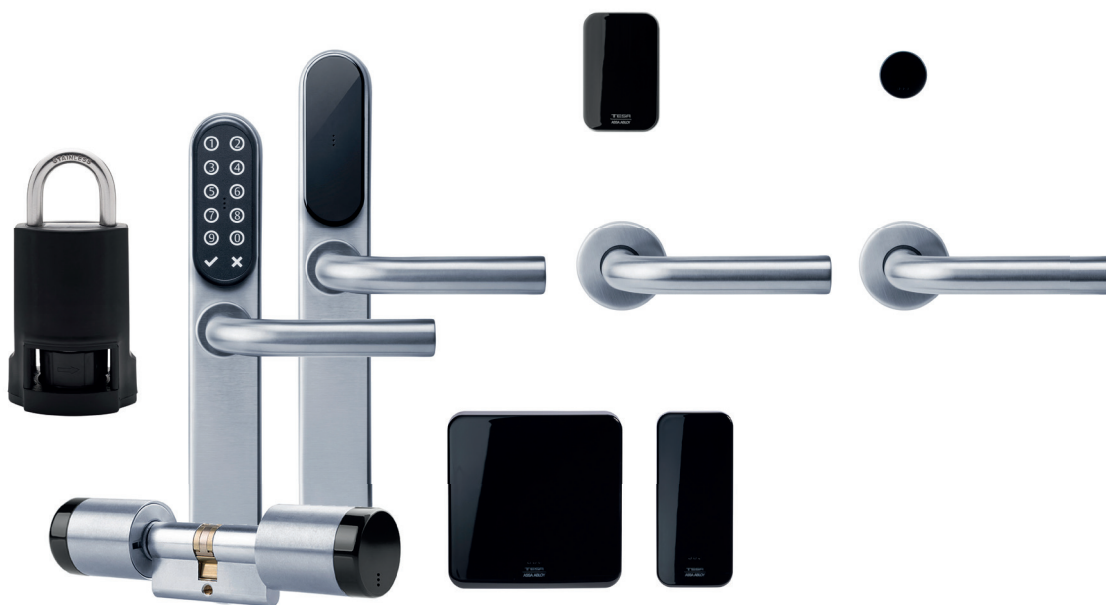


SMARTair Openow add on

- Add-on to Update on Card or Pro Wireless Online system.
- Use the SMARTair Openow app to unlock any SMARTair device with a smartphone.
- Facility managers can send, revoke, and update virtual keys over the air from anywhere.
- Update the user's access plan and collect door history.
- Trigger email alerts using the user's app.
- Replace smart cards, tags, keys, and other physical credentials.
- Retain all other system functionalities.

Pricing your SMARTair System

1. Determine System size and Management Kit
Identify the number of doors: This will determine the core size of your system.
Choose your management kit – up to 10, 30, 75 or Unlimited doors
2. Do you require an update on card system or a Pro Wireless system
☐ Update on Card ☐ Pro Wireless
3. Do you require Openow Mobile Credentials
☐ Yes - select the correct Openow add-on – Same Number of doors as management kit ☐ No
4. Assess additional system requirements
 - Do you require Wireless Hubs for a Pro Wireless system
 - Any additional programming equipment
 - Credentials
5. Select your hardware



SMARTair i-max Escutcheons



SMARTair i-max Escutcheons

Robust, innovative and elegant: the new SMARTair electronic escutcheon is a completely updated and upgraded access control device. With a more sophisticated design, multiple finishes and an

extra-resistant locking mechanism, *i-max* is perfect for environments where intelligence, design and functionality must stand out.



SMARTair escutcheons are available with an optional integrated keypad for multi-factor authentication and convenience. Open with a PIN, your RFID credential, a combination of RFID + PIN for an extra layer of security, or a smartphone with the Openow app.



Wire-free and battery powered (from 90,000 to 126,000 cycles between battery changes, depending on RFID technology and system).



The control unit, batteries and locking mechanism are all securely integrated on the inside.



4
GRADE

SMARTair escutcheons have been certified according to EN1906 Category of use: Grade 4.



RFID reader with LED (blue/green/red) or RFID reader with capacitive keypad and backlit LED (green/red/blue) for different warning signals. It includes buzzer too.



Tailored to every type of exterior and interior door or access point (wooden doors, aluminium profile doors). Also offering custom solutions for glass doors and emergency exit doors.



Lift and lock 60°



Compatible with almost any Euro profile mortise lock to ensure 100% compatibility with your needs. Also available in Scandinavian, Finnish and Australasian profiles.



Modern, elegant design with multiple handle types and finishes to complement any building style. It also includes antibacterial coating.



Sena

SMARTair i-reader



SMARTair i-reader

Elevate your security with the state-of-the-art SMARTair *i-reader*. Embrace innovation and unparalleled performance. With refreshed aesthetics and a robust design, the SMARTair

i-reader introduces fast, secure digital access management you can rely on. This upgrade enhances daily performance and convenience for both you and your building users.



Modern, robust design

- Modern and practical: clean lines, glossy finish, top-mounted LED for enhanced visibility. Complement your space by integrating it seamlessly with other SMARTair devices for a unified look which blends in everywhere
- Robust: with IP56, the *i-reader* can be installed outside. With IK09, the standard *i-reader* is shock resistant
- Adaptable: whether you require installation in a narrow profile (*i-reader* Design model), electrical boxes, or rim-mounted (Standard *i-reader*), the *i-reader* offers the ideal option for your site



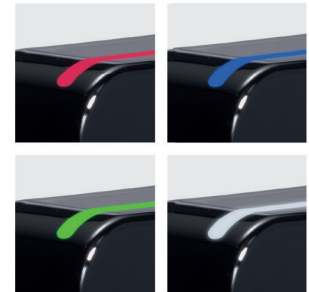
High Performance

- Smooth user experience: credential reading (both RFID and mobile) is fast and at a convenient distance, enhancing user experience
- Parking mode: barriers and gates open when a valid Openow credential is used up to 5 metres away — simpler and safer for drivers
- Relay board: enables precise electrical control of the locking mechanism. It's physically separated from the reader with encrypted communication between them. It includes one output relay and inputs for door sensor and request to exit



Convenient

- Customizable LED lighting and sound volume to meet different customers' needs



Secure

- Secure, encrypted communication between wall reader and relay board
- Firmware upgradeable in response to new threats
- Enhanced RFID encryption



Future-proofed

- Smart compatibility: works with new or existing SMARTair systems; reads cards, fobs, bracelets, badges and smartphones
- All in one: compatible with all management systems (Offline, Update On card, Wireless Online). It includes BLE so you can upgrade to mobile access at any time without extra hardware

SMARTair Cylinders



SMARTair Cylinders



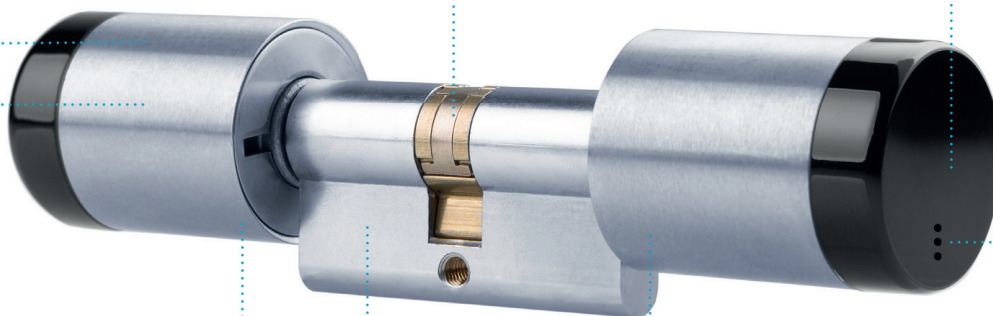
Simple to install, converting any door into an access control point just by replacing its existing mechanical cylinder.



The EURO profile knob cylinder offers options like double electronic-electronic, double electronic-mechanic, double electronic-button and single cylinder to ensure 100% compatibility with market needs. Also available in Scandinavian, Finnish, ANSI and Australian profiles.



SMARTair Knob Cylinders have been analysed in terms of Durability EN 15684 Class 6 certificate.



RFID reader with LED (blue/red) for different warning signals.



Tailored to every type of door or access point (wooden doors, aluminium-profile doors, glass doors).



Exterior usage category: IP56.



Wireless and battery-powered knob cylinder (60.000 cycles).



Modern, elegant design with a choice of finishes to fit any building style.

SMARTair i-gate



Easy, drilling-free installation and maintenance. Quickly swap any existing padlock with the easy to install, battery powered (60.000 cycles) i-gate padlock.



Managed by any of the SMARTair systems, the new SMARTair i-gate padlock can be integrated, controlled and monitored, in real time, from the TS1000 softwares.



The internal knob cylinder is certified on Durability EN15684 Class 6.



IP rating of 68: dust and liquid resistance. Its stainless steel shackle makes it more resistant to attack. The external black cover is completely watertight and protects against any weather.

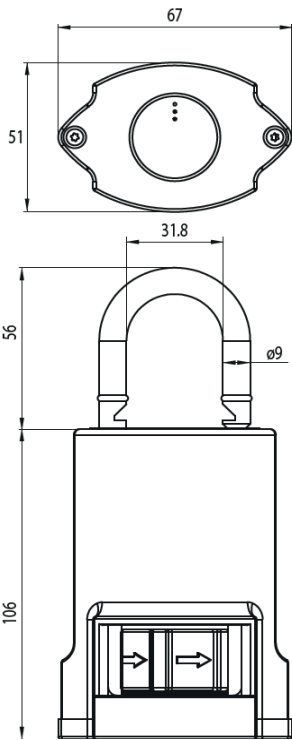


Compatible with all forms of intelligence The SMARTair i-gate padlock offers a new way to open up — using a smartphone and the Openow mobile app as well as RFID credentials.



RFID reader with LED (blue/red) for different warning signals.





IP Rated