

Features:

- : High security via high resistance, hardened anti-drill protection.
- : Anti-tamper alarm.
- : Anti-cloning technology.
- : Anti-picking capabilities.
- : Encrypted data communication between reader and locking mechanism.
- : Storage of events.
- : Firmware upgradable through service terminal.
- : Low battery power indication.
- : Three color LED (green/red/yellow) to indicate access authorization and alarms.
- : Available with decorative round cylinder roses or stainless steel long escutcheons (for narrow profile lock cases).
- : Knob designed with rubber details for good grip and proper torque.
- : Available in different finishes to match your door style: Satin chrome, polished chrome, polished brass, satin brass.
- : Easy to upgrade back-of-house doors with mechanical lockcases to electronic platform.
- : Quick and easy installation.
- : Can be mixed with VingCard electronic lock range.
- : Compatible with a wide range of mechanical lockcases.

e-cylinder by VingCard

Stay Flexible

e-cylinder by VingCard. The flexible and compact solution for most doors where a conventional electronic lock is not suitable. The e-cylinder is fully integrated with the VISION and VISIONLINE systems.



Easy upgrade of mechanical locks with European DIN profile cylinders to an electronic platform.

Simple installation is possible on most types of mechanical lockcases with a DIN cylinder profile, including those with narrow frames.

Full flexibility to mix with the entire range of VingCard solutions in one single installation.

The e-cylinder by VingCard offers the latest Radio Frequency Identification (RFID) technology with the most flexible platform for future applications:

- : 13,56MHz technology
- : Compatible with the following standards;
 - 1) ISO 14.443 A (MIFARE)
 - 2) ISO 14.443 B
 - 3) ISO 15.693
- : Compatible with ASSA ABLOY Mobile Keys solution integrating NFC-compatible cell phones.

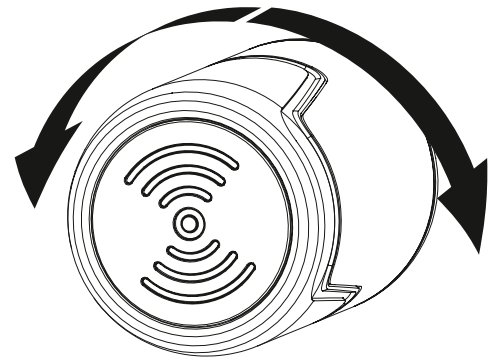
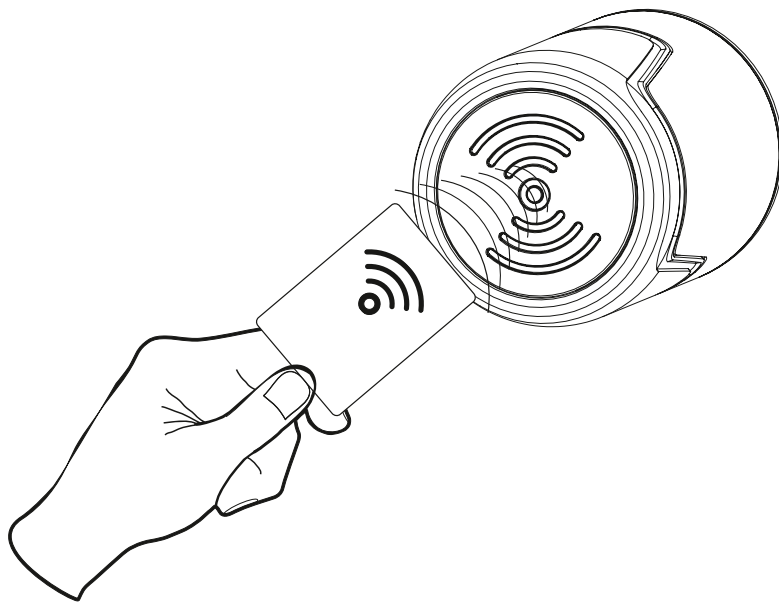
Benefits with upgrading your mechanical cylinders to e-cylinders

One of the great advantages with e-cylinder by VingCard is that it is designed to be a modern substitute for traditional mechanical cylinders. Few operations are needed when replacing traditional cylinders with our e-cylinder. Transforming your mechanical locking system into an electronic system, will give you many operational benefits:

- : Low cost replacement by keeping existing door trim and lockcase, only replacing the cylinder.
- : Lost guest- or staff keys will no longer generate extra cost for your property. Instead, all you need to do is to encode a new card which will automatically cancel the old one once used.
- : Anti-cloning technology prevents unauthorized key copying.
- : Easy to generate and change room access matrices for employees.
- : An internal memory in the e-cylinders will give you a detailed audit trail of all cards/carriers that have been used in the lock. For online systems, the audit trail events are sent to the system software.
- : Improved guest perception through state of the art technology.
- : Flexibility in RFID carrier selection; keycards, wristbands or keyfobs.

Operating the e-cylinder by VingCard

The e-cylinder by VingCard is very intuitive and easy to use and operate as it controls a mechanical lockcase just like a traditional mechanical cylinder would. When a valid credential is presented, the knob can be turned to lock/unlock the locking mechanism in the lockcase exactly in the same way as using a metal key.



Lock types

The e-cylinder by VingCard is not only perfect for replacing mechanical cylinders on doors with mechanical lockcases, it is also possible to do retrofits and installations where other electronic locks can not fit. Depending on the existing lock trim, you may choose between a narrow long escutcheon or a cylinder rose.

If you would like to replace the existing door trim, VingCard offers two options;

: With the long escutcheon: You may choose between VingCard's handle types; Wing and Straight*.

: With the round rose: You may choose between VingCard standard Signature handles*.

(*Please see VingCard's electronic lock brochure for handles).



e-cylinder by VingCard (full size)



e-cylinder by VingCard
(half cylinder for special applications)



e-cylinder by VingCard (double sided)



e-cylinder with long escutcheon



e-cylinder with round rose

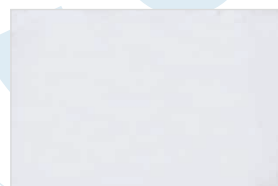
FINISHES



Satin Chrome



Satin Brass



Polished Chrome



Polished Brass

Photos may differ from actual finish

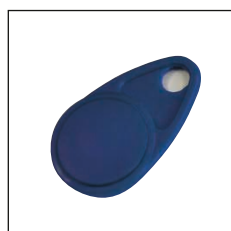
RFID CARRIERS

VingCard offers a wide range of RFID carriers that are especially designed for different applications (for your guests, for your staff or for your VIP guests) and gives you the opportunity to enhance your guests' experience at your hotel.

All RFID carriers may be mixed within one property, providing you with flexible solutions. Also, compatible with ASSA ABLOY Mobile Keys solution.



Keycards:
Keycards for staff and guests with standard print. Cards can also be customized at your request.



Keyfobs:
May be used as a keychain or similar.



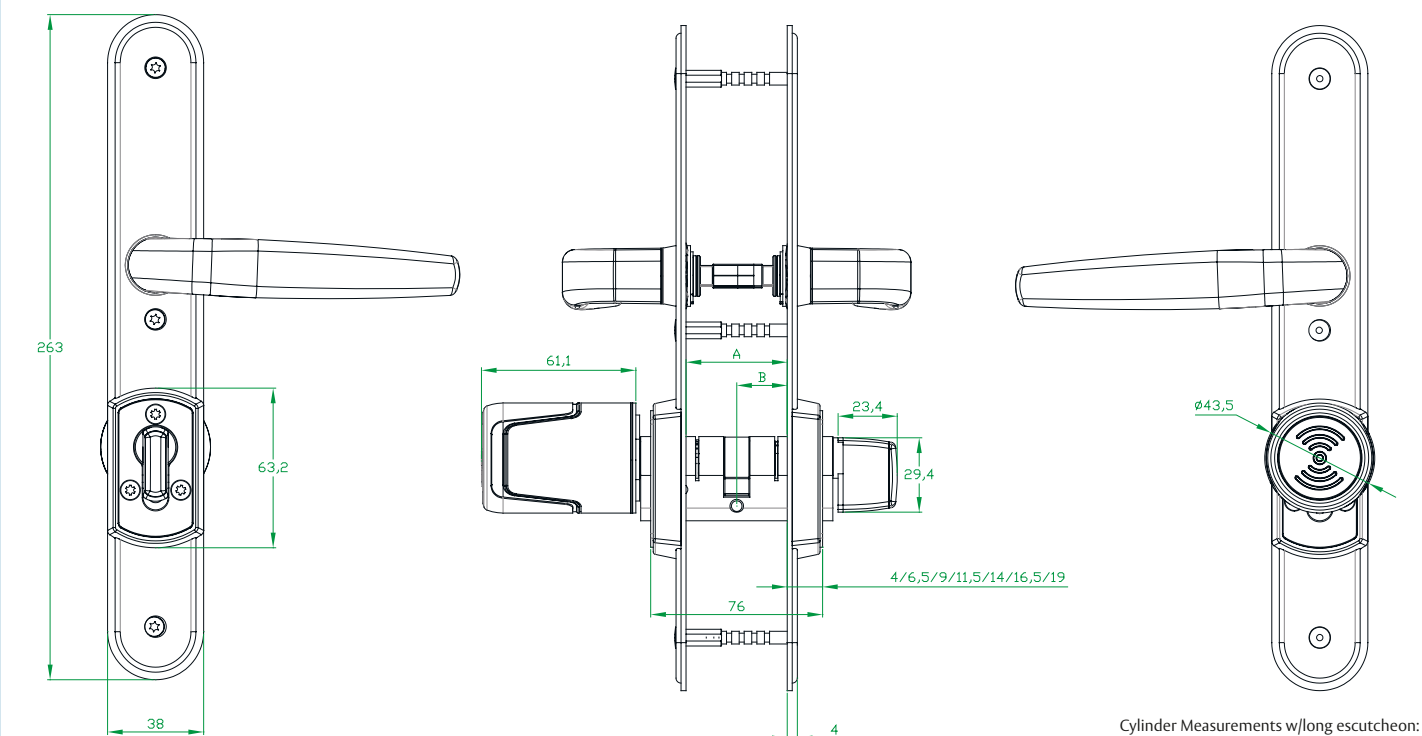
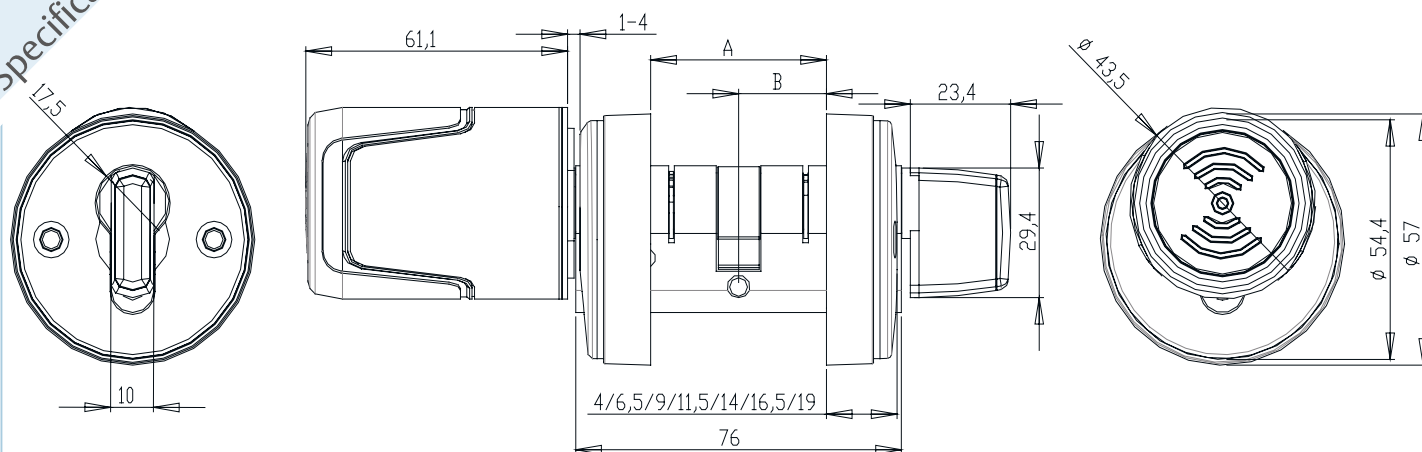
Wristbands:
The ideal RFID carrier for 'all-inclusive' resorts and spas.



Cell phone:
Compatible with NFC technology cell phones.

Specifications

Cylinder Measurements w/rose:



Cylinder Measurements w/long escutcheon:

Specifications	
Card Types	ISO- 14.443 A (Mifare), 14.443 B and 15.693
Door Thickness	34 - 68 mm
System and Software	VISION or VISIONLINE
Cylinder Profile	DIN
Operating temperature	: Indoors: 10 to 30C using alkaline batteries : Outdoors: normal -10C to 40C using lithium batteries : Outdoors: peak temperatures -20C to 50C over period of max 24 hrs using lithium batteries
Batteries	3 x AAA Alkaline (4.5V) or 3 x Battery, Lithium, AAA
Battery lifetime	20000 cycles or 2 years of normal use (estimated to 10 openings/closings per day for a guest room door)