



## ” Easy and secure: **finger scanner** with **wireless cylinder** “

- ✓ Quick installation
- ✓ No wiring in the door
- ✓ Suitable for all doors
- ✓ Very easy to program
- ✓ Up to 30.000 locking cycles with one battery set
- ✓ Cylinder with standard batteries
- ✓ Emergency opening function
- ✓ Wireless cylinder can be combined with all ekey finger scanners
- ✓ Your finger is the key

## Finger scanner with wireless cylinder – **ekey lock**



With ekey lock, the retrofitting of your front door with a finger scanner is an easy task. The long radio range, the wireless cylinder with its stainless steel housing and the excellent product quality are all convincing assets.

Finger scanners are the convenient and secure alternative to keys. No more lost or forgotten keys. No more locking out. No more heavy bunches of keys.

**Your finger is the key**

### Application areas

Retrofitting of all doors, especially glass doors and fireproof doors.  
Applies also to leased property - can be removed by householder very easily.

- For increased convenience, use a lock with automatic mechanic locking when shutting the door
- Ensure that burglary-resistant fittings are installed on the exterior!
- Emergency opening:  
In the event of a dead battery it is possible to power the cylinder with a standard 9V battery.  
The active transponder works as a "spare key".
- Safeguarding against failure: an additional entrance or an active over-ride transponder must be available.

### Fast retrofitting



Initial situation



Mounted wireless cylinder



Mounted finger scanner



Control panel including mounted radio transmitter



And off you go opening the door with your finger!



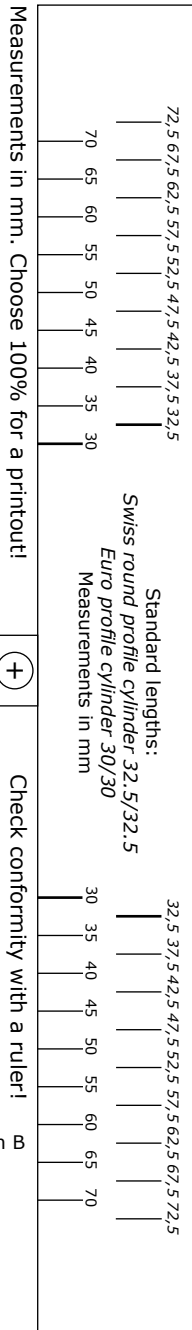
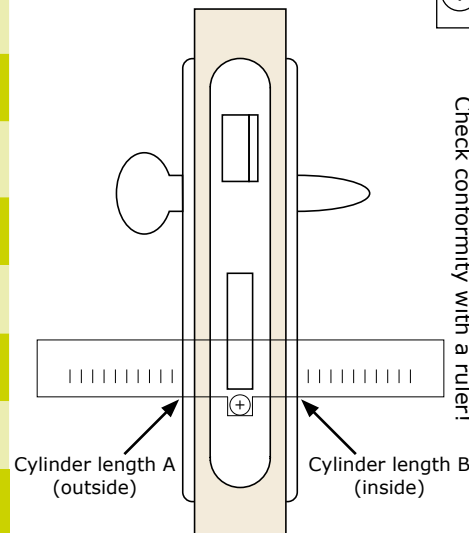
# ekey lock

## Finger scanner with wireless cylinder

### TECHNICAL SPECIFICATIONS WIRELESS CYLINDER:

<b>Scope of delivery</b>	Cylinder with radio receiver, DIN rail radio transmitter, short antenna, set of cards, 2 batteries, battery changing bracket
<b>Cylinder length</b>	Euro profile cylinders available from 30/30 to 70/70 in 5 mm steps (Swiss round profile cylinders from 32.5/32.5 to 72.5/72.5 in 5 mm steps) Special lengths on request
<b>Radio frequency</b>	868 MHz (European standard)
<b>Radio range</b>	Short antenna: typically 3m, maximum 6m; 180mm antenna: typically 4m, maximum 7m - can be revolved 90° and thus be used as a directional antenna
<b>Encryption</b>	AES 128 bit with challenge-response authentication
<b>Locking cycles with one set of batteries</b>	Approx. 20,000-30,000
<b>Battery</b>	2x CR2 3V lithium batteries
<b>Temperature range</b>	-20° to +65° C
<b>Manufacturer's warranty</b>	24 months

- 1.) Cut the measuring gauge, place it into the opening of the cylinder. Screw it down at the ⊕ sign.
- 2.) Read the required cylinder length on both sides. Beware: the A measurement is outside!
- 3.) Add the fittings width to this measurement and **round up** to the next 5 mm. Beware: the knob must move freely on both sides!



## Europe's # 1 for fingerprint access solutions

**Austria**  
ekey biometric systems GmbH  
Lunzerstraße 64, A-4030 Linz  
Tel: +43 732 6910 9669  
office@ekey.net

**Germany**  
ekey biometric systems Deutschland GmbH  
Liebigstraße 18, D-61130 Nidderau  
Tel: +49 6187 90696 0  
deutschland@ekey.net

**Switzerland & Liechtenstein**  
ekey biometric systems Est.  
Landstrasse 79, FL-9490 Vaduz  
Tel.: +423 235 0880  
schweiz@ekey.net

Your reseller:

[www.ekey.net](http://www.ekey.net)