

# Opera Bit

ACCESS CONTROL SYSTEM FOR HOTELS



**AGB**

HARDWARE SYSTEMS FOR WINDOWS AND DOORS



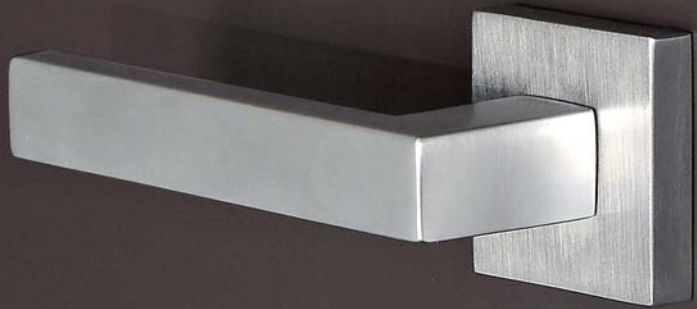


# Opera Bit

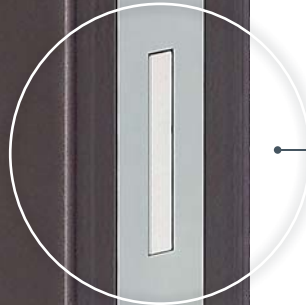
THE ONLY ELECTRONIC LOCK FOR HOTELS WITH MAGNETIC MOVEMENT.  
DESIGNED TO BLEND WITH THE INTERNAL DOOR,  
BASED ON THE AGB KNOW-HOW.

MADE IN ITALY





Magnetic  
movement  
latch



Automatic  
activation  
bolt

# TWIN LOCK

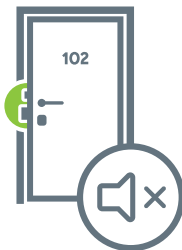
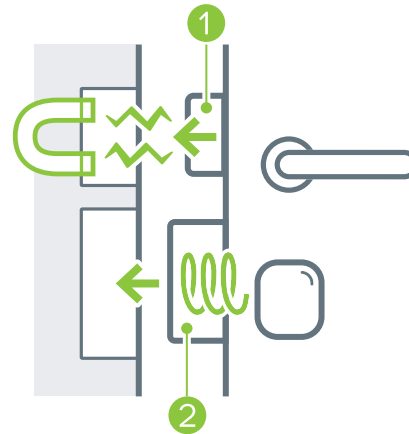
DID YOU LOCK THE DOOR OF YOUR ROOM?



No problem. Using **TWIN LOCK** you can only pull close the door.

The **TWIN LOCK** system protects the security of your room.

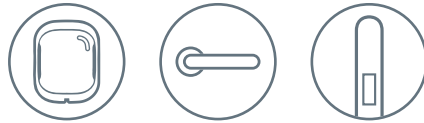
The **magnetic latch** ① comes out when the sash leans against the frame and the **automatic bolt** ② is activated ensuring the maximum antiburglar security.



The magnetic movement latch creates new silence standard when the door closes. The bolt is in sintered steel to ensure great antiburglar resistance.

# DESIGN

MINIMAL APPROACH




## Peerless personalisation

The personalisation of the cover finish let the designer creativity free.



## Feel free to choose the handle

The possibility to choose the handle gives more chances to the door designer: Opera Bit blends with every design style.

 *Opera Bit is compatible with any kind of handle with through screws.*



## Minimal perspective

We opened the door to the finest design research. Opera Bit shows an innovative and minimal design, thanks to the little reader and the battery holder. The lock forend is essential thanks to the magnetic movement latch which disappears just opening the sash.

## The meeting point

The striker is the same for flush and rebated doors, both right-hand and left-hand doors, even with different thicknesses. You can obtain 3 mm adjustment just turning the plate and the cover-tray. It avoids any problem due to difficult installation.





# SECURITY

ANTIBURGLAR, PRIVACY, SAFETY







## Automatic bolt as standard

The bolt is automatically released when you close the door. It guarantees the maximum security to the guest who can forget to lock the door.

## Shockproof

The particular manufacturing process of the sintered steel bolt guarantees great resistance to impact.



## Antiburglar strength

The bolt protects the room from break-in attempts with deftness or tools.



## Do not disturb

The 'Privacy' button allows the guests to sleep till late morning. When the "Do not disturb" is on, the staff can't enter the room.

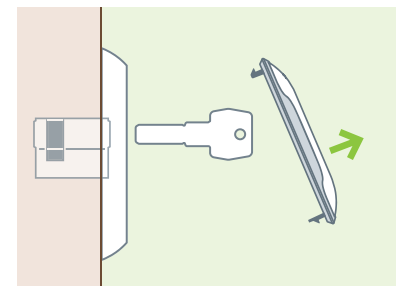
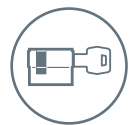


## Antipanic lock

From inside the room, bolt and spring latch are instantly released by simply lowering the handle for the immediate door opening.

## Emergency cylinder, one more chance

You can unlock the door using the mechanic cylinder. It guarantees the manual door opening.



# RFID CARD

CONTACTLESS TECHNOLOGY

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## Contactless

The card has no direction and it works contactless, it's enough to approach it to the reader.



*It can be easily used by elderly people and children.*



*Great lasting. The card isn't subject to wear and scratches.*

## RFID

RFID technology (*Radio-Frequency Identification*) is the best solution for the access control systems.



*It can't be duplicated.*



*It can't be demagnetized.*



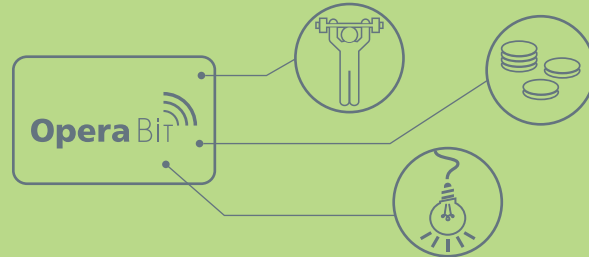
*It can't be damaged with scratches, water or dirt.*



*It can be re-programmed unlimited times.*

## Multifunction

The same card can be used for all the hotel functions, even if they are provided by third parts.



## Customizable graphic

The card can be customized with the logo and the graphics of the hotel owner.



## Technical features

- MIFARE CLASSIC technology
- Frequency: 13,56 MHz
- Standard ISO/IEC 14443A
- Compatible with NFC technology

# SYSTEM

WHAT KIND OF USER ARE YOU?



## Opera Bit SPRINT version

Choose the design and the security of the **Opera Bit** lock, using the simplicity of the accesses management offered by the **SPRINT** version.

### Did you know that...

Opera Bit is growing with you. Start with the **SPRINT version**; whenever you want, you can change to the **FULL version**, just installing the dedicated software without replacing or changing the locks.



## Opera Bit FULL version

Design and security guaranteed by **Opera Bit**, together with a software that offers a complete management of accesses in rooms and common areas.

### Did you know that...

You use a management software or an automation system for the room. **Opera Bit, FULL version**, can be interfaced with all the softwares in the market.

# Opera Bit

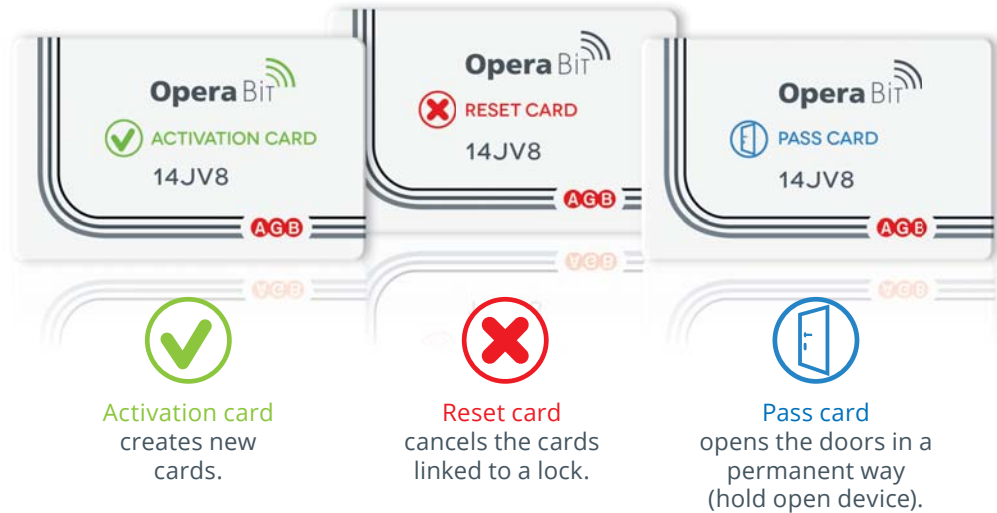
SPRINT version

Simple & fast!



## Ready, set, go!

You don't need any software or computer. Three special cards allow to manage the accesses in a simple and fast way.



## Simplicity is on



Approach the Activation Card to the reader.



The reader starts flashing. Approach a new card.



The card is ready to open the door.

# Opera Bit

FULL version



## Complete and flexible accesses management

The system is Stand Alone: it only requires a computer and a card writing device.



*Guests and Operators management*



*Common areas management*



*Time slots management*



*Unlimited number of users*



*Unlimited number of rooms*

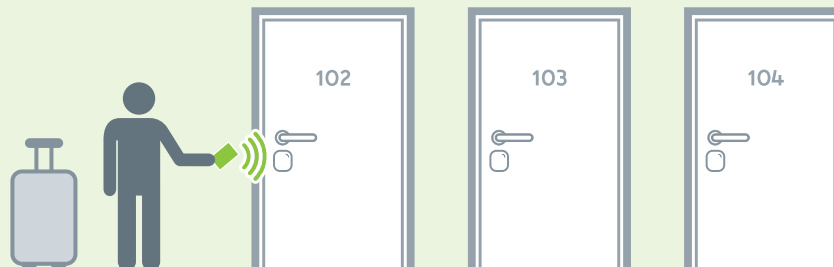
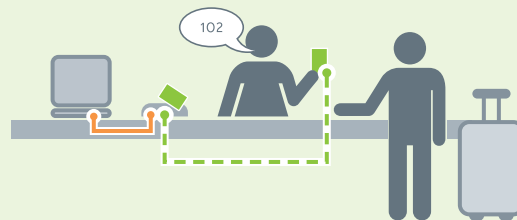


*Installation backup*



*Conservation of previous accesses*

Check-In  
in **3 clicks!**



# FULL version, the software

The dedicated software allows the fastest cards update, the common areas management and the assignment of permissions to the hotel staff.

One system, two modules:



## Opera Bit Check-In

Software for Check-In and Check-Out of guests and card authentication. The module is provided by a user-friendly interface and it can be easily used even by personnel without any information technology competence.



## Opera Bit Manager

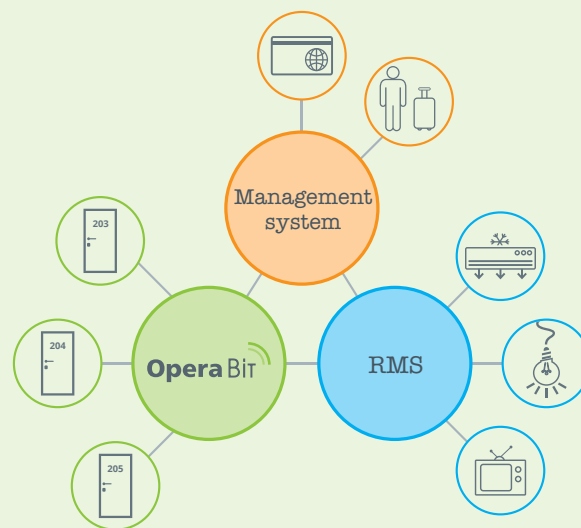
Software to plan and manage the plant system and the staff. It is able to manage even the most complicated systems.



### Do you use a management system or a RMS in your hotel?



The Opera Bit, **FULL version**, is compatible with all the softwares provided by third parts.

The interface with the management systems or with the RMS or with both of them allows to receive the guest just using the only Check-In software.





## Comparative table of systems

	 FULL version	 SPRINT version
RFID Mifare technology	●	●
Protection with password of installation	●	●
Emergency cylinder	●	●
Guests, Operators and Director cards	●	●
"Do not disturb" function	●	●
Passage door function	●	●
Mechanical energy saver	●	●
Energy saver with card writing	●	
Card use for several applications	●	
Integration with Room Management Systems	●	
Management of Cards validity time	●	
Check-In / Check-Out of guests	●	
Complex keyplans	●	
Installation backup	●	
Check the installation status	●	
Guest card loss	Blacklist	Reset card
Operator card loss	Blacklist	Reset card
Supervisor card loss	Blacklist	Intervention of Assistance
Activation card loss	Send new card	Intervention of Assistance
Low battery warning	LED on door and software	LED on door
Maximum quantity of rooms	65.000	*
Maximum quantity of authorized guests cards for a room	Unlimited	50
Maximum quantity of authorized operators cards for a room	Unlimited	50
Management of common accesses	●	**
Management of housekeeping accesses	●	
Management of time slots	●	
Management of previous accesses	●	
Time slots	●	
Software required	●	
Installation required	●	

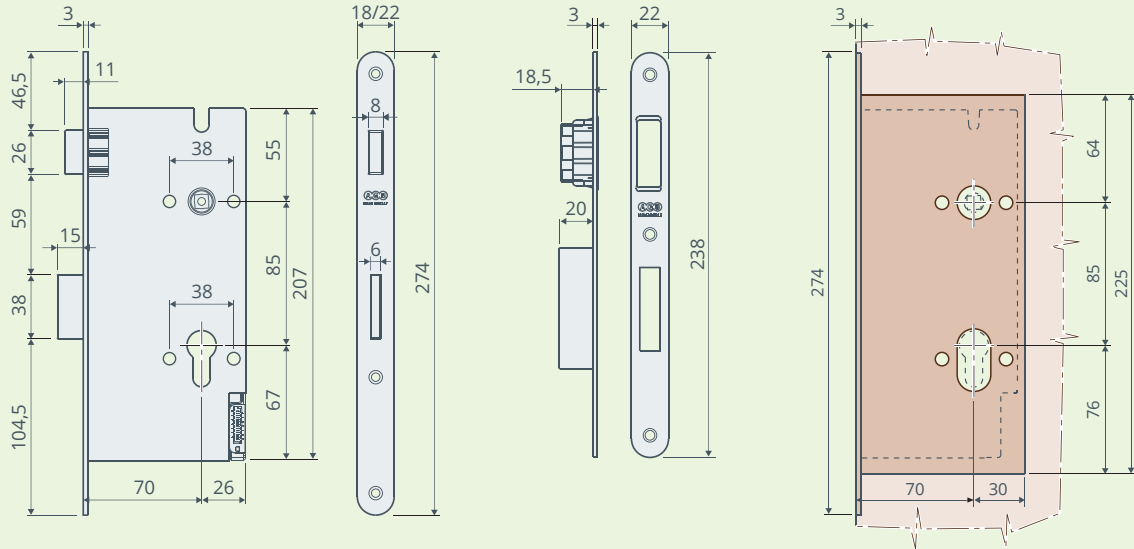
\* We suggest the SPRINT version for a number of rooms lower than 20, in order to guarantee an efficient management.

\*\* With the SPRINT version, if there is a common access and the card has been lost, it is necessary to authorize every active card in that lock again. This could be an inconvenience for the guests.

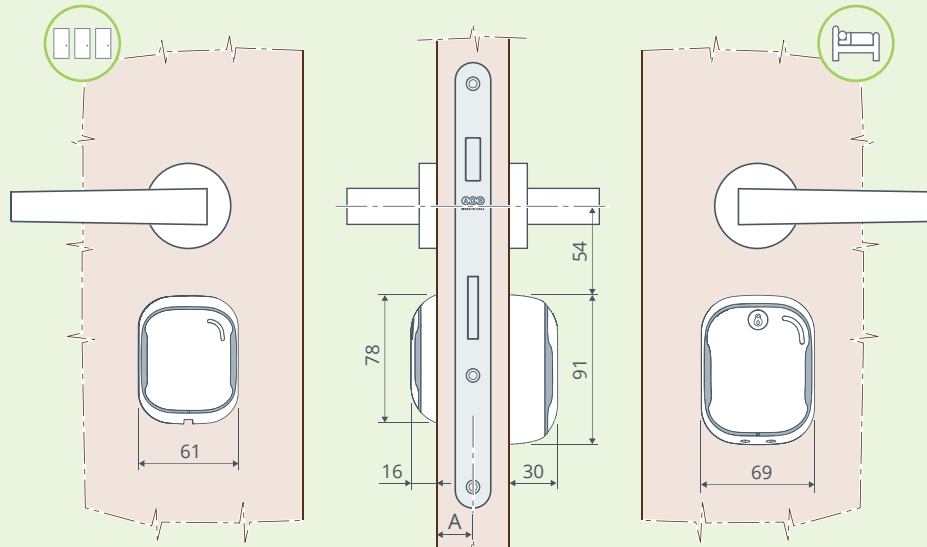
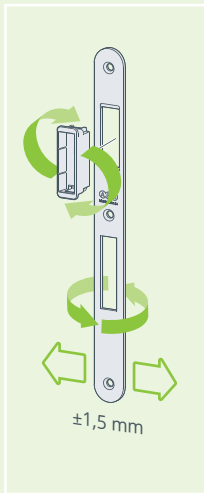
# Technical information

	<b>Application</b>	For hotel doors and accomodation facilities
	<b>Antipanic function</b>	One antipanic side and one that can be activated by card
	<b>Door thicknesses</b>	40-100 mm (44-63 mm with fastening screws included in kit)
	<b>Emergency cylinder</b>	Euro-profile cylinder
	<b>Handle</b>	Fastening with through screws
	<b>Hub dimensions</b>	8 mm hub
	<b>Lock finish</b>	Matt chromium plated, Brass plated, Nickel plated, Bronze plated Other finishes are available on request
	<b>Cover finish</b>	Wide range of finishes can be combined with door and handle
	<b>Temperature for use</b>	-10 / +55 °C
	<b>Battery supply</b> (suitable for hotels under renovation or new-build hotels)	3 alkaline AA batteries (LR6)
	<b>Battery duration</b>	18/24 months, according with the conditions for use
	<b>Power supply</b> (suitable for new-build hotels)	12 - 24V CC
	<b>Warning signal</b>	1 LED inside the room and 2 LEDs outside in order to signal authorizations, warnings and low batteries
	<b>Opera Bit software</b>	Minimum requirements: CPU x86/x64 2GHz, RAM 2GB, HDD 2GB, NET Framework 4, SQL Server 2008 R2 Supported systems: Windows XP SP3, Vista, 7, 8, 8.1 (except Starter Edition)
	<b>Registration of events</b>	Up to 1000 events stored in non-volatile memory
	<b>Privacy / Do not disturb</b>	"Do not disturb" function can be activated from inside the room to forbid the entry of the housekeeper
	<b>Card writing technology</b>	Mifare Classic
	<b>Wireless technology</b>	IEEE 802.15.4 / 2,4 GHz
	<b>Cryptography</b>	128-bit AES encryption
	<b>Electronic certification</b>	Opera Bit fullfills the essential requirements and any other applicable disposition of the regulations 1999/5/CE and 2004/108/CE
	<b>CE marking</b>	EN 14846
	<b>Fire resistance</b>	Tested against fire according with the EN 1634-1

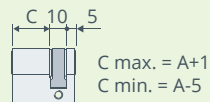
# Features of lock and striker



## ADJUSTMENTS



## CYLINDER CHOICE





Opera Bit



[operabit.agb.it](http://operabit.agb.it)



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