

SMART LOCK SERIES

03

DOOR HARDWARE



Locations

SM
San Marino

sanmarino

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Novella 1804 15 Stanley Street Salford Postcode M3 5GW Manchester England

 sanmarinoqatar.com

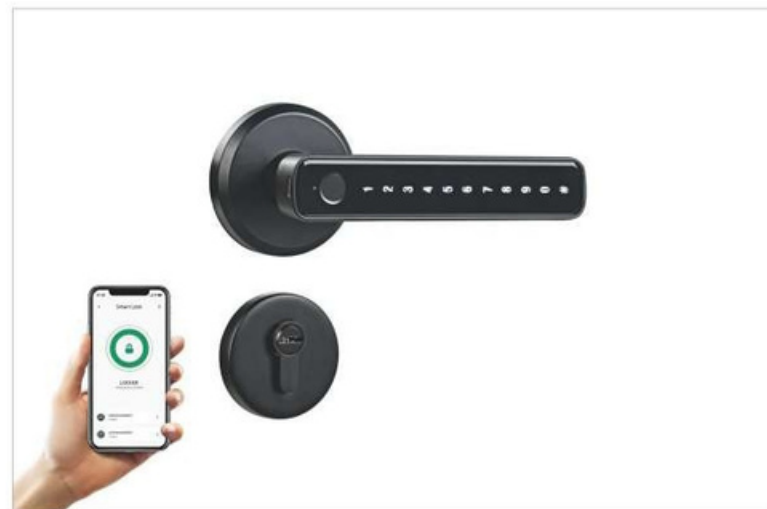
PL.R.2300.MSN



Power supply: 4.5V (3 AAA batteries)
Fingerprint/APP:
total 20 groups (1 administrator, 19 users)
Note: the administrator can open the door and manage the menu.
But users can only open the door.
Working temperature: -20 °C - 55 °C
Relative humidity: 40% - 85% (no condensation)
Center distance: 60mm
Door thickness: 38-60mm

-  Fingerprint Unlock
-  Bluetooth Unlock
-  Key Unlock
-  Low Energy Consumption
-  APP Management
-  Smart Ecology

DL.R.2303.BLK



Panel material: Aluminum alloy
Color: Black (other colors can be customized)
Lock body: 5572 Thickness of door plate: 30-50mm
(Special size can be customized)
Packaging: neutral color box + pearl-cotton
Quantity: 12 PCS/box
Inner box size: 27*18*10cm
Outer box size: 55*36*30cm
Gross weight: 1.71kg(1set)/20.9kg(1ctn)

Fingerprint recognition: semiconductor fingerprint head
Unlock: fingerprint/ password/ TTlock app/ key /temporary password
Operating temperature: -2 °C - 55 °C
Usb: type-C
Power supply: 4*AAA battery
Applicable door type: wooden door/security door (35-50mm thickness)
Function: Unlocking mode voice prompts Bluetooth
Fingerprint: 100 sets
Password: 250 sets

DL.P.2408.SIL

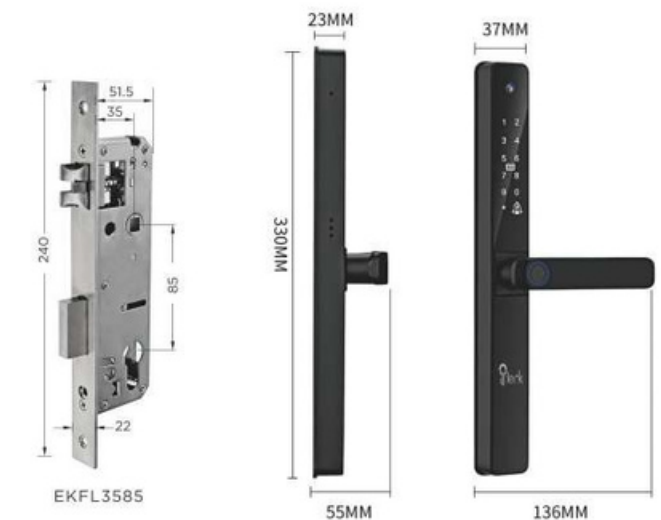


37mm
Ultra-narrow
lock design

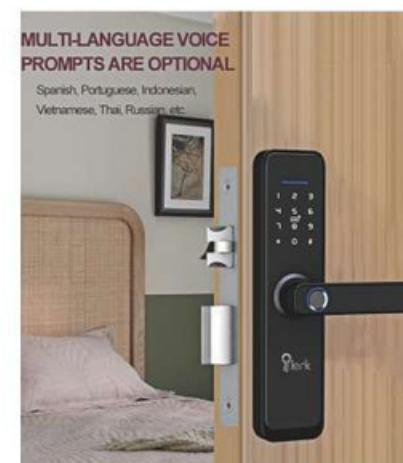
-  Fingerprint Unlock
-  Swipe card to unlock
-  Temporary password
-  Password unlocking
-  Key Unlock
-  Remote unlocking (optional)

Product Parameter

- Material: aluminum alloy
- Color: black/silver
- Power supply: 4 AA batteries
- Emergency power supply: type-c emergency power supply
- Fingerprint capacity: A hundred fingerprints
- Operating temperature: -20-60 °C
- Material of lock cylinder: class C lock cylinder
- Password length: 6 to 12 numbers
- Unlocking mode: Fingerprint/Password/Card/key/ Temporary password/ Remote unlocking (optional)
- Applicable door type: Broken bridge aluminum doors.
- KFC doors/ sliding doors/ translation doors and so on



DL.P.2211.MSN



MULTI-LANGUAGE VOICE PROMPTS ARE OPTIONAL

Spanish, Portuguese, Indonesian, Vietnamese, Thai, Russian, etc.

STANDARD VERSION

Remarks: All versions support (fingerprint + password + IC card + key) unlocking. The standard version and TTLock version don't need to be connected to the Internet. TTLock gateway need to be connected to a WiFi network to directly unlock the lock remotely.



TT LOCK/ TT LOCK GATEWAY

TT lock APP management (suitable for home, office, rental room, apartment, homestay)

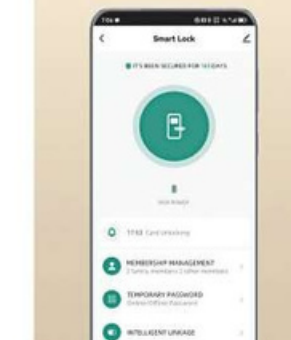
DL.P.2309.BLK



100,000 times fingerprint head endurance click test
100,000 times door opening and closing test
-25°C-55°C endurance temperature test
48 hours fingerprint head sweat test
200 hours salt spray test on the surface of the whole machine
8000N panel strength test

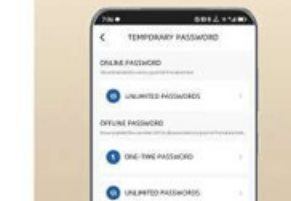
DOOR LOCK MANAGEMENT

It supports viewing door lock status and real-time status outside the door, easy user and battery management, setting temporary passwords and other functions.



Password sent at any time

Online passwords are created in real time and can be sent in 2 types: one-time passwords and unlimited passwords.



Product Parameter

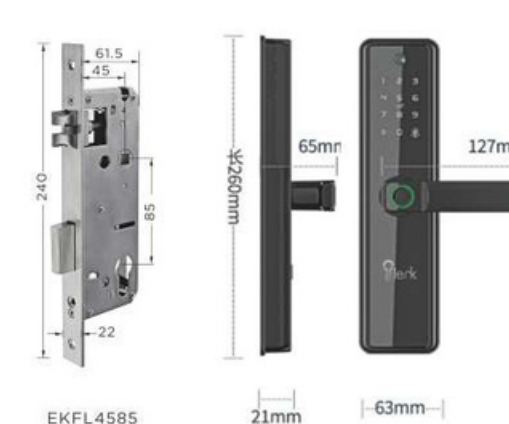
- Material: Aluminum alloy
- Color: Black/MSN/PVD
- Mechanical cylinder: Level-B cylinder(Level-Optional)
- Unlocking method: unlocking via fingerprint, unlocking via App, unlocking via passcode, unlocking via IC card, unlocking via mechanical key
- Password length: 24
- Power: 4 AAA batteries
- Available door: Steel door Woodern door
- Numbers of passcode: Infinite cycle
- Opening direction: General for Left, right, outside and inside
- Door thickness: 38-55mm
- Emergency power supply: MicroUSB



EKFL4585

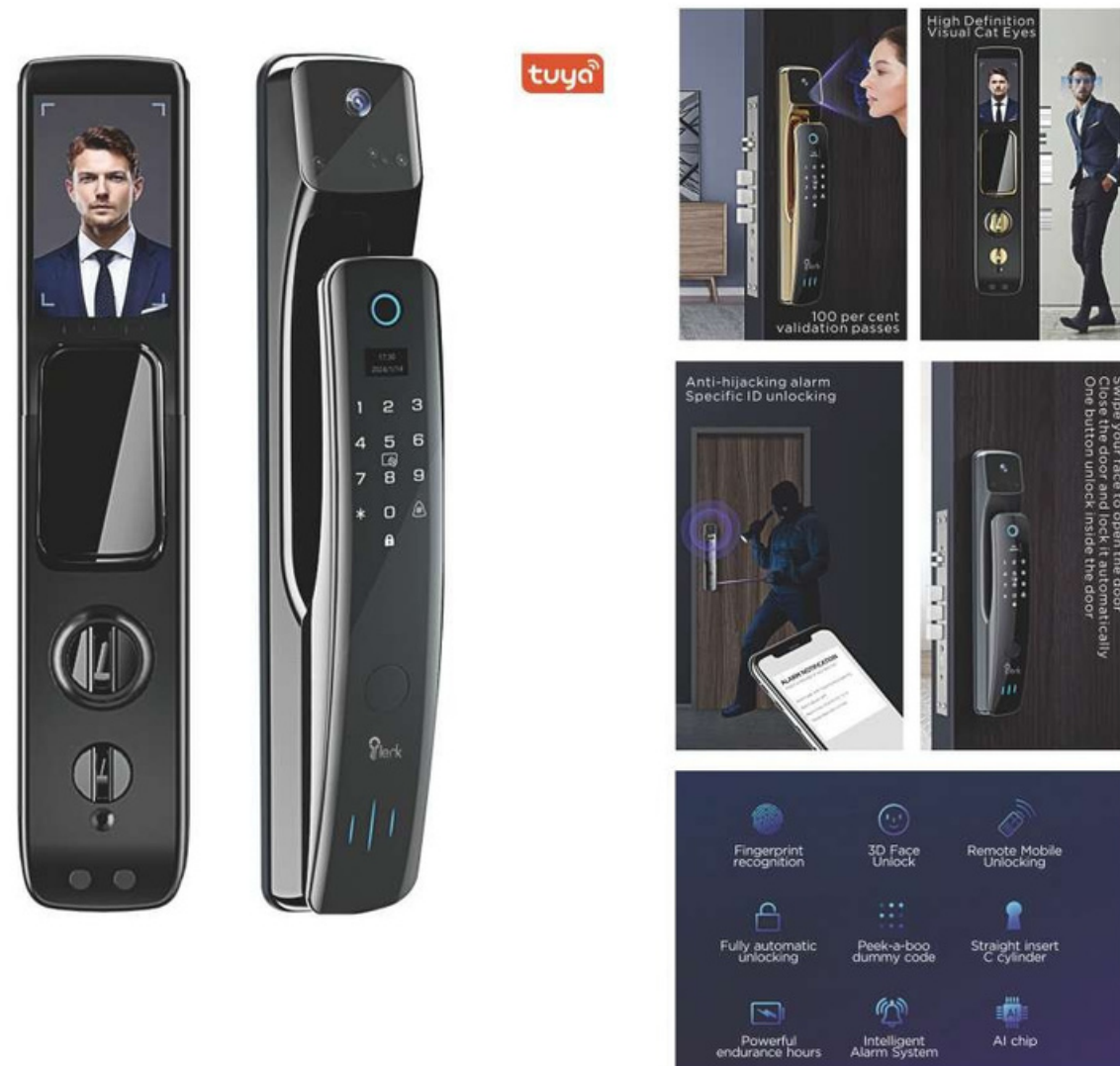
Product Parameter

- Suitable category: Wooden door
- How to open the door: WeChat, Password, Fingerprint, card, key, mobile phone
- Capacity: Fingerprint, Password, Magnetic Card, A total of 300
- Material: Aluminum alloy
- Color: Black/MSN/PVD
- Quality: Authoritative quality inspection passed
- Working power: 4 AA batteries
- Rejection rate: ≤0.01%
- Operating temperature: -25°C-55°C

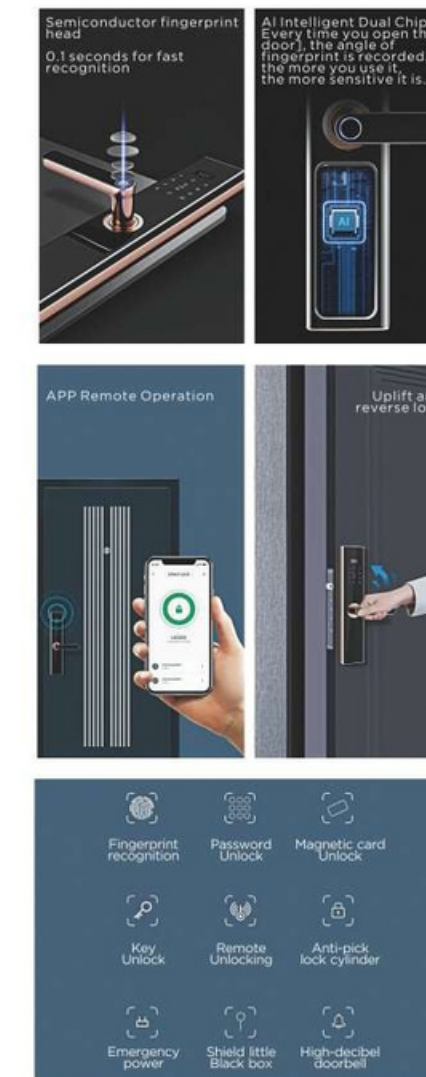


EKFL4585

DL.P.2105.BLK-M-TUYA-PACE



DL.P.2102.BLK



Product Parameter

Colour: starry grey, gunmetal black, rustic gold
 Number of passwords: ≤120 groups
 Power supply: lithium battery
 Fingerprint Collector: Semiconductor Fingerprint Collector
 Face capacity: ≤50 groups
 Card capacity: ≤120 groups
 Number of fingerprints: ≤120 groups
 Emergency power supply: USB interface
 Operating temperature: 80°C - -30°C
 Relative humidity: 20-90 %
 Fake recognition rate: < 0.0001 %
 Suitable for door type: wooden door/anti-theft door/stainless steel door



Product Parameter

- Colour: Rose Gold
 - Main Material: Aluminium Alloy
 - Anti-lock function: Yes
 - Fingerprint Sensor Type: Semiconductor live fingerprints
 - Sensing Time: 0.2S
 - Fingerprint/card/password storage capacity: 300 users (9 groups of administrators, 291 groups of users)
 - Unlocking method: fingerprint identification, password unlocking, magnetic card unlocking, key unlocking, WeChat applet
 - Power source: 4 AA batteries
 - Emergency power supply: USB interface
 - Emergency lock cylinder: Super C anti-pick lock cylinder
 - Doorbell: High decibel doorbell



LB.600068.SS

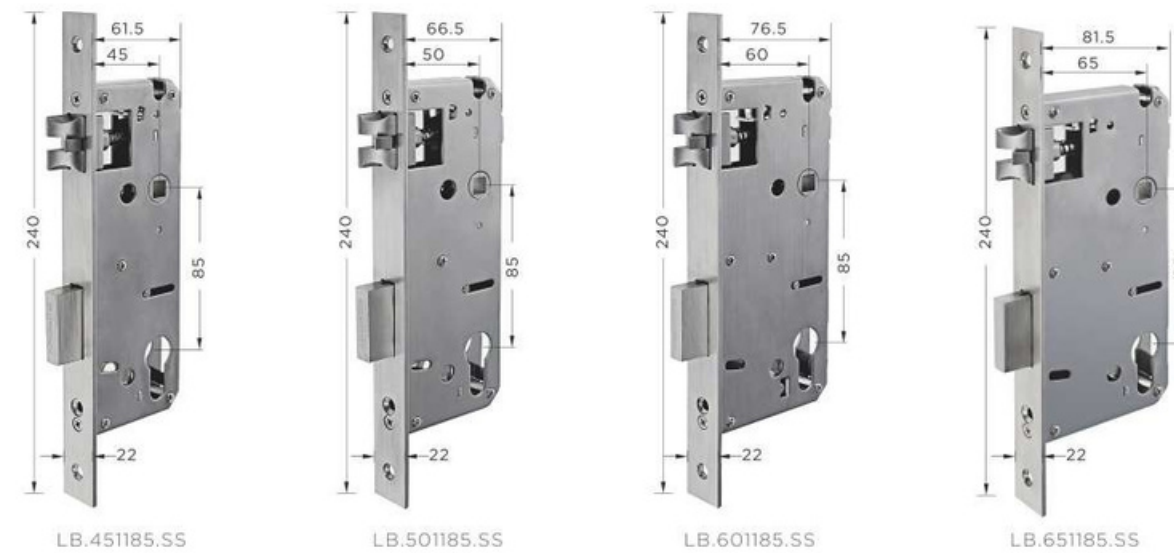
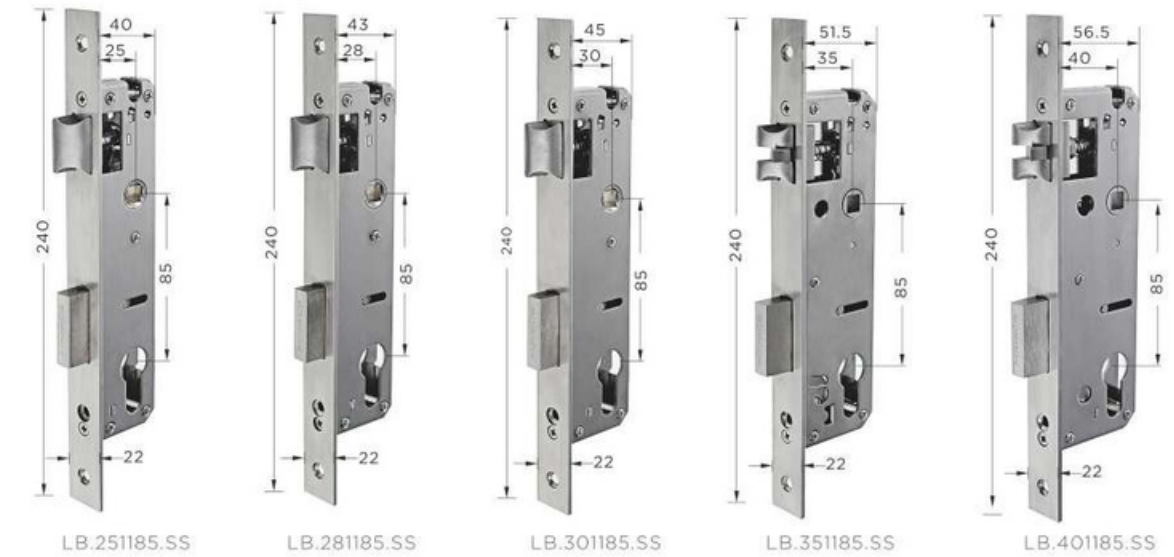
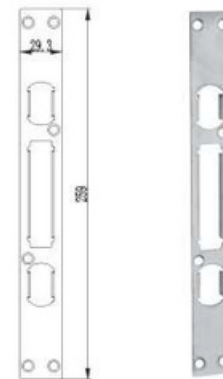
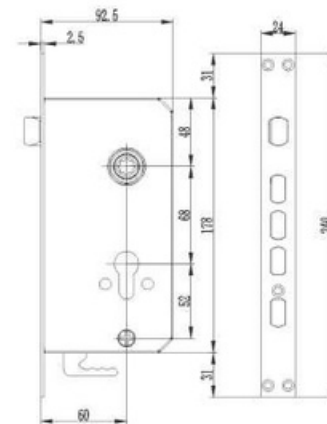


Finish:SS/SN/AB/AC
Material:Stainless steel\Brass\Iron

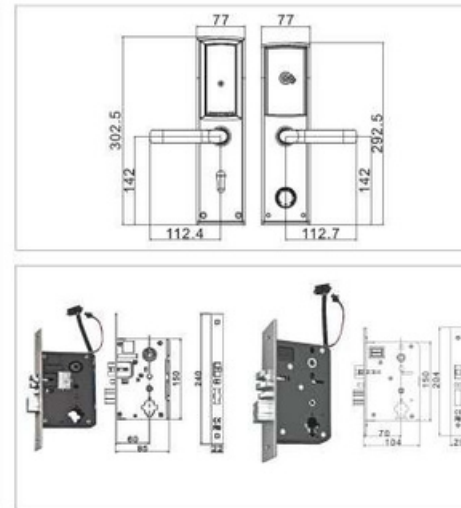
Features:
Mortise Lock

Technical Data:
1.Lever follower:□ 8.2x8.2mm
2.Center Length(A): 68mm
3.Edge Distance:60mm

Accessories:
1.Screws
2.Striking Plate
3,Plastic Strike Box



DL.HM1.2440



Material: Stainless steel 304
Storage humidity: 15-90% RH
Finish: Golden/silver/Black
Working temperature: -25~+58°C
Power Supply: 4 AA alkaline batteries
Working humidity: 15-90% RH
Battery life: Over 15000 cycles

Card reading distance: 0-5cm
Static current: <20 uA
Reading & writing time: <0.25s
Dynamic current: <150 mA
Date keeping: Over 10 years
Storage temperature: 25~+58°C
Applicable chip: Mifare 1(13.56Mhz)

LIFT.CON.M1.8 & LIFT.CON. M1.16



Power supply: 12V DC
Current consumption: 1000mA
Card type: T5557 card (TEVC), Mifare card (MEVC)
Round card distance: 10-50mm
Input: No
Output: 8 floors or 15 floors each board

MEVC/ TEVC elevator controller, is specially developed for the hotel door locks system. It can directly use the cards issued by the hotel door lock management software, used to the control the elevator floor switches, which facilitates the hotel to improve safety management.

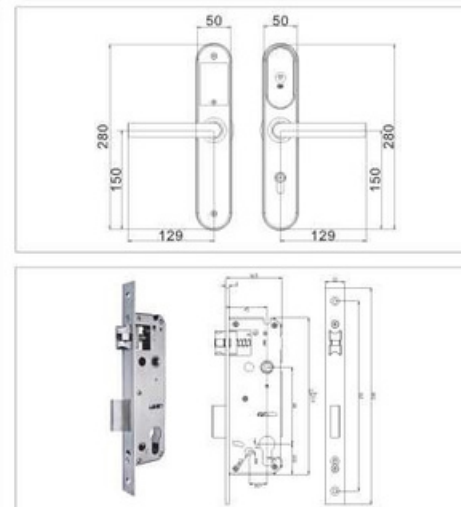
BARRIER. CON. M1



ENCODER.M1



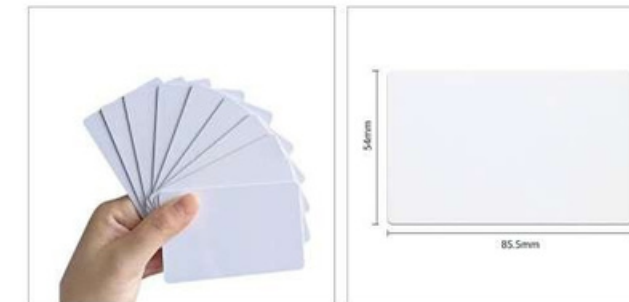
DL. HM1.2442



Material: Stainless steel 304
Storage humidity: 15-90% RH
Finish: Gold / Silver
Working temperature: -25~+58°C
Power Supply: 4 AA alkaline batteries
Working humidity: 15-90% RH
Battery life: Over 15000 cycles

Card reading distance: 0-5cm
Static current: <20 uA
Reading & writing time: <0.25s
Dynamic current: <150 mA
Date keeping: Over 10 years
Storage temperature: -25~+58°C
Applicable chip: Mifare 1(13.56Mhz)

IC.CARD.M1



Product size: 85.5 * 54 * 0.8mm
Chip: Domestic IC Fudan IC ID chip
Material: PVC material
Craftsmanship: offset printing, silk screen printing, laser engraving
Frequency: High frequency: 13.56MHz
Scratching frequency: 10W times
Scope of application: Work cards, access cards, attendance cards, etc

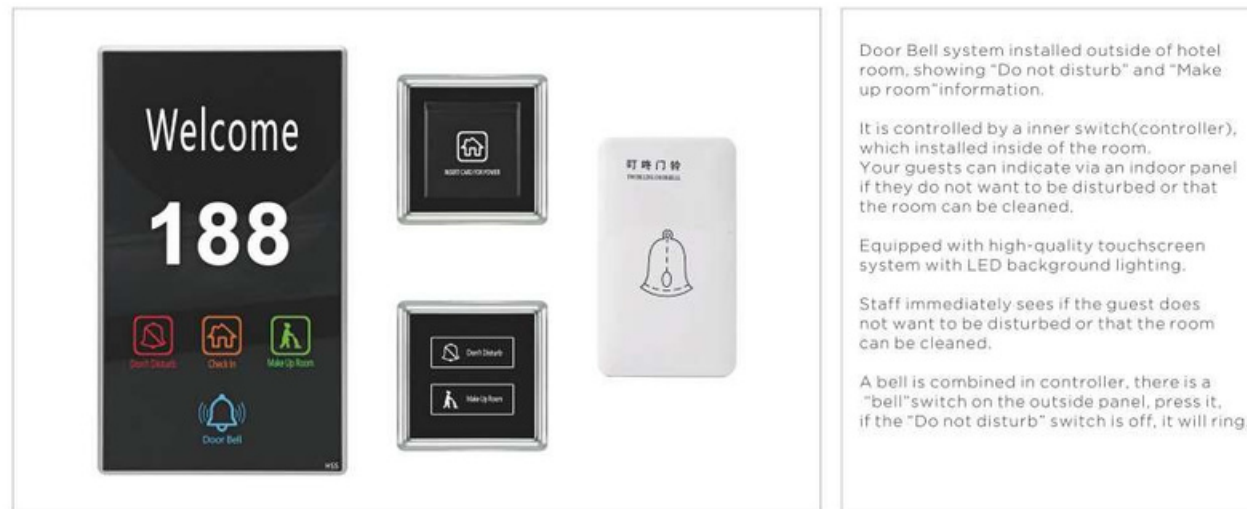
SWITCH. EST.M1



Special Energy Saver
The special energy saver need to work with the hotel lock software to achieve the function of room number control and time control.
Room number control: only matched room card can work
Time control: Automatically power off when check-out time is up



DL.PL.2462.HT & DL.PL.2464.RM



ROOM NUMBER DISPLAY

Size	120*230mm
Material for panel	Toughened glass
Material for frame	Zinc alloy
Color	Black, Champagne, Brown, Silver, Gold, Rose gold
Voltage	DC12V/AC220V

SMART TOUCH SWITCH

Size	86x86mm
Material for panel	Toughened glass panel
Color	Black, Champagne, Brown, Silver, Gold, Rose gold
Material for frame	PC
Voltage	DC12V/AC220V
Wake up Function with waving	

DOOR BELL

Voltage	DC12V/AC220V
Material	PC

GATEWAY G2



Material: Plastic
Support system: 70x70x26mm
Communication method: Bluetooth 4.0/ble/wifi
Power interface: Type-C USB

DL.NT.2419.BLK



Panel Material: Zinc Alloy
Gross Weight: ≈1.55KG
Applicable door thickness: 40-70mm
Type of application: Interior doors
Power supply type: 4AA batteries
Function: Fingerprint \ Password \ Swipe Card \ Key \ APP

DL.NT.2417.BLK



Material: Aluminum alloy
Color: Night Sky Black
Mechanical lock cylinder: C-level lock cylinder
Power type: 4AA batteries
Password length: 16 bits

Unlocking methods: fingerprint, password, IC card, APP, mechanical key
Number of password groups: infinite loop
Applicable door types: steel doors, wooden doors
Applicable door thickness: 38-70mm standard configuration (optional for sizes above 70)
Door opening direction: universal for left, right, inside and outside
Emergency power supply: MicroUSB power supply
Product dimensions: Panel 59mm x 156mm x 35mm

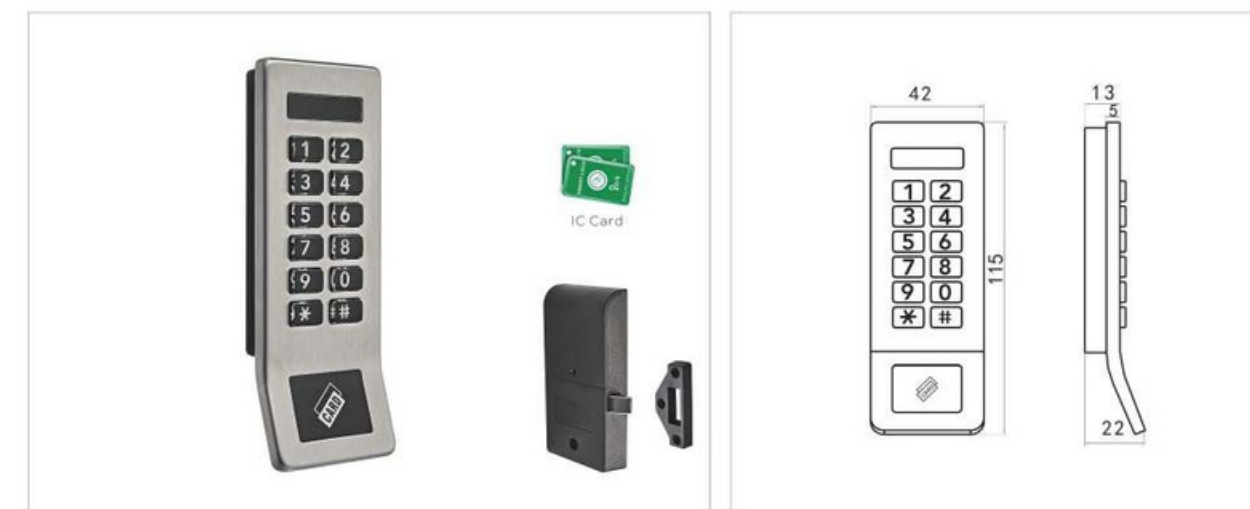
DL.GL.2424.BLK



product name: Glass door fingerprint lock
technology: electrophoresis
material quality: ABS+Metal
Mechanical Key: support
Fingerprint capacity: 100 pieces
language system: English/Chinese

Chip level: C
Power supply mode: 4AA batteries
operation temperature: -10°C-+65°C
compatible: Glass doors/wooden doors/ sliding doors
Unlocking method: Key/password/fingerprint/IC card/Mobile app

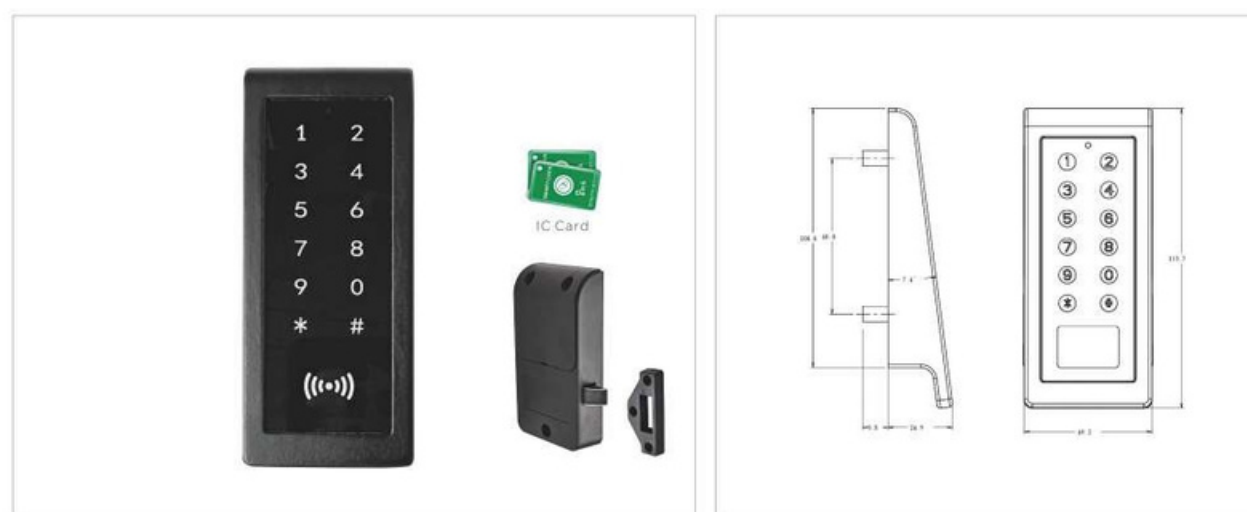
DL.C.2430.SS



Secure control by level management
Permanent code or one-time code convertible
Keypad with backlight for easy distinction
Indicator blinks while in locked status
Wrong code or illegal card alarm
Low voltage alarm; Anti-picked (prized) alarm
External power back up
Suitable for any thin or thick door
Stainless steel 304 material

Power supply: 3 x AA alkaline batteries
Static current: $\leq 20\mu A$
Dynamic current: $\leq 200mA$
Working temperature: -15-+55°C
Working humidity: 20-95%RH
Alarm voltage: 3.730.2V
Door thickness: $\geq 1mm$

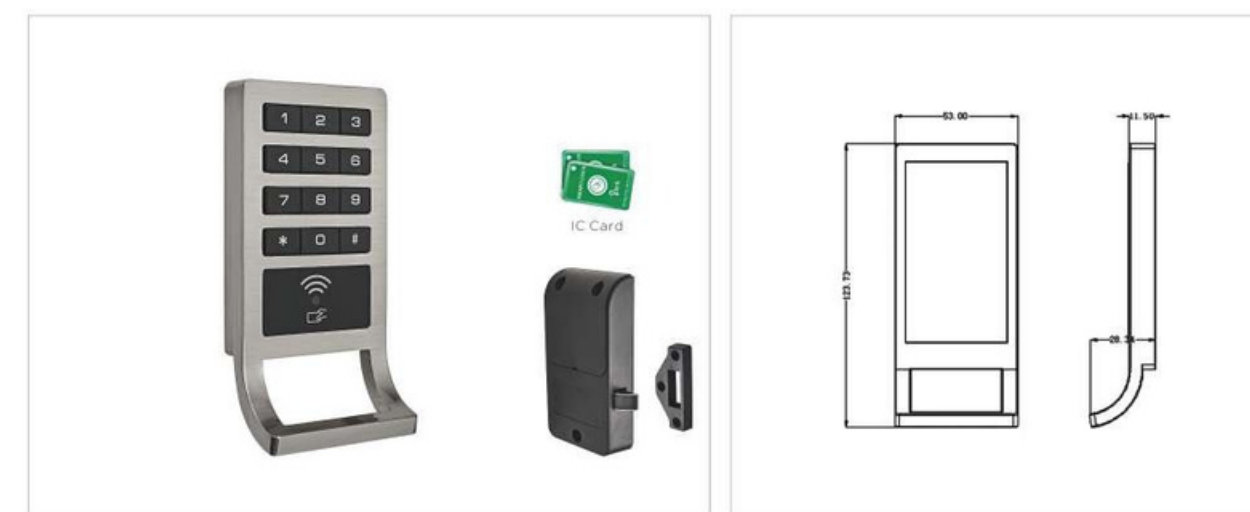
DL.C.2434.BLK



Secure control by level management
Permanent code or one-time code convertible
Keypad with backlight for easy distinction
Indicator blinks while in locked status
Wrong code or illegal card alarm
Low voltage alarm; Anti-picked (prized) alarm
External power back up
Suitable for any thin or thick door

Power supply: 3 x AA alkaline batteries
Static current: $\leq 20\mu A$
Dynamic current: $\leq 200mA$
Working temperature: -15-+55°C
Working humidity: 20-95%RH
Alarm voltage: 3.730.2V
Door thickness: $\geq 1mm$

DL.C.2432.SN



Secure control by level management
Permanent code or one-time code convertible
Keypad with backlight for easy distinction
Indicator blinks while in locked status
Wrong code or illegal card alarm
Low voltage alarm; Anti-picked (prized) alarm
External power back up
Suitable for any thin or thick door

Power supply: 3 x AA alkaline batteries
Static current: $\leq 20\mu A$
Dynamic current: $\leq 200mA$
Working temperature: -15-+55°C
Working humidity: 20-95%RH
Alarm voltage: 3.730.2V
Door thickness: $\geq 1mm$