

## LockEngine B20

### Dynamic Face Recognition Glass Door Lock



Dynamic Living  
Face Recognition



Palm Vein  
Identification



Fingerprint  
Identification



RFID Card  
Identification



Scramble PIN Code  
Identification



Remote Control  
Button (Optional)



Time Attendance  
Management System



Built-in Doorbell



Rechargeable  
Lithium Battery  
(7.4V 5000mAh)





## ● Product Specifications

Model	LockEngine B20
Unlock Mode	Face, Palm Vein, Fingerprint, Card, Passcode, Remote Button (optional)
Users capacity	Uses: 200; Face: 200, Fingerprint: 100; Palm Vein: 200; Password: 200; Card: 200; Records:10000
Camera	Binocular 300,000
IR LED	850 power,1W IR LED*2
Face Recognition Speed	< 0.5s
Time Attendance System	Support
Doorbell	Support
Automatic door locking	Support
Emergency power supply	Support: USB port for power bank(5V)
Applet unlock	Support
Alarm	Support: card lock alarm, low battery alarm
Appearance	ABS plastic shell + double cylinder lock tongue
Size	Main Panel - 75(W)×210(L) mm; Side Panel - 40(W)×210(L) mm
Gross Weight	1.5kg
Color	Black with silver
Display	2.4 inch TN horizontal screen
Fingerprint reader	Serial semiconductor fingerprint identification
Motor	Clutch reduction motor
Support language	English, other languages can be selected
RAM	32M
Storage capacity	16M
Power supply	Rechargeable lithium battery(7.4V 5000mAh)
Unlock Times	Over 20000 times
Low power consumption	Standby current ≤50uA, working current ≤200mA
Humidity	20% to 80%
Working temperature	-10℃ ~ 55℃
Other functions	One-key reset, one-key clear administrator
Installation conditions	Glass door thickness 10-12mm, door seam 4-15mm
Applicable door	Frameless full glass double door, frameless full glass right door, frameless full glass left door, left frameless glass door + right unilateral frame, right frameless glass door + left unilateral frame

# Main Features



Face Recognition



Palm Vein Recognition



Passwords Recognition



Fingerprint Recognition



Swiping Card



Remote Control



Mobile App



Attendance Report



Door Bell



Low Battery Alert



Auto Lock

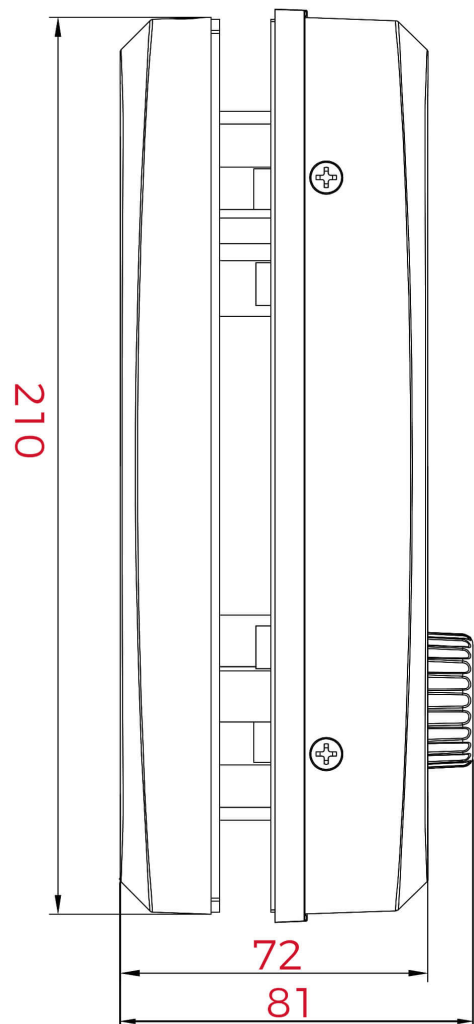
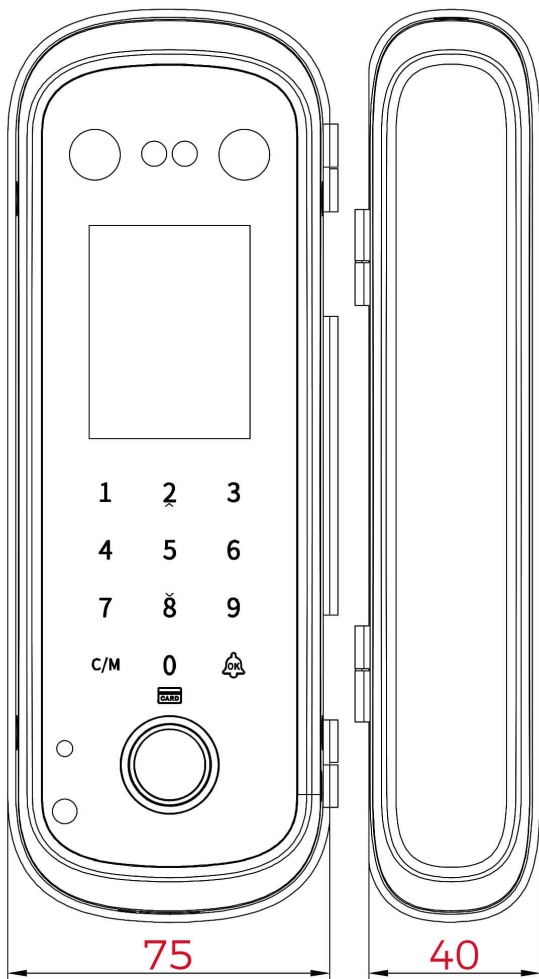


Normal Open Mode

- LockEngine B20 is a smart door lock which is an intelligent and convenient for glass door entrance solution.
- Multiple unlocking ways: Facial, Fingerprint, Palm Vein, Virtual Password, Card, Manual Rotary Knob, Remote control (optional).
- Intelligent face recognition living body detection, anti-photo, pseudo video, pseudo face registration and recognition.
- Innovative technology, palmar vein recognition, automatic unlocking.
- Time attendance management system function, the attendance report is generated automatically without connecting Internet. Support detailed excel report can be directly exported through U disk.
- The lock is powered with long lasting rechargeable lithium battery, effectively powering the lock for 20000 times. It doesn't need any external power source.
- In case of low power, the USB port can support for temporary charge to open the door and please recharge the batteries.
- The lock can be suitable used for the door thickness 10-12mm, door seam 4-15mm, including glass door, sliding door, wooden door etc.
- Very easy to install, no drilling, no mess. The lock simply clips on to your glass door.

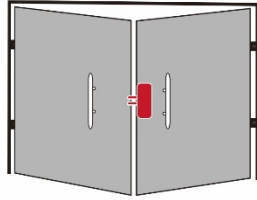


● Dimension



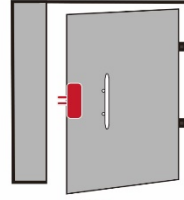
- Suitable install for different types of glass doors

## A Frameless Door



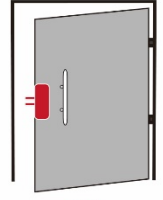
1

Double Door  
(right open)



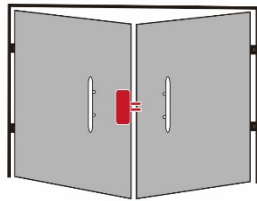
2

Single door+glass wall  
(right open)



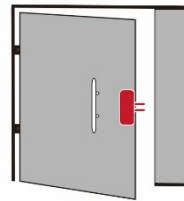
3

Single door+mud-brick wall  
(right open)



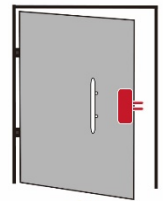
4

Double Door  
(left open)



5

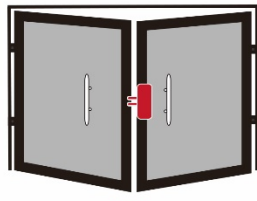
Single door+glass wall  
(left open)



6

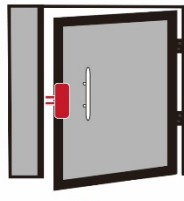
Single door+mud-brick wall  
(left open)

## B Framed Door



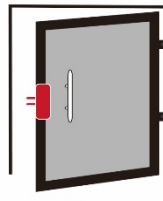
1

Double Door  
(right open)



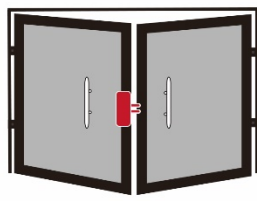
2

Single door+glass wall  
(right open)



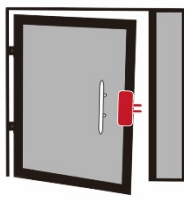
3

Single door+mud-brick wall  
(right open)



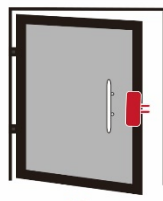
4

Double Door  
(left open)



5

Single door+glass wall  
(left open)



6

Single door+mud-brick wall  
(left open)

**Note:** Please let us know your door types and the door thickness according to the above before ordering.