L100 series
Smart Lock

The perfect combination of fashionable appearance and modern, intelligent technology.

Fingerprint   Password   RFID Card

Sleek design, comfortable keypad
Durable zinc alloy body
Unique BioNANO fingerprint algorithm
High capacity storage for fingerprints, ID and cards
Offers you simple and safe solutions

Safe and Convenient

Forgot or lost your key? In a hurry?
Can't remember your password?

L100 offers maximum convenience by
simply applying a fingerprint. You'll never
need to search your pockets or purse for
your keys again.

User-friendly design
Easy installation

The reversible handle ensures you can
replace the old lock in one step.

Considerate Design

Ergonomically-designed, the keypad is
produced with shallow grooves.
A simple and semi-transparent keypad
design allows for easy operation at night.

Optional handle

The optional handle provides for two distinct door handle styles.

Prevention of violent break

When the device is locked, the handle can be turned. However, the door will remain locked. This is crucial for the prevention of a forcible entry. Other door-locking devices have handles that maintain a rigid position when locked. Blunt force can be used to break the lock and open the door. The L100 has solved this problem.

Electroplating technology

The durable zinc alloy body passed a 72-hour salt-spray, fog corrosion test. Very suitable for environments which are in contact with corrosive material such as hotels located by the ocean, or industrial production zones.

Low power consumption

Complete with energy efficient technology. Low energy-consumption chips substantially extend the lifespan of the battery. Two additional forms of energy conservation are built-in: Infrared light sensitization, and function keycard activation. These features ensure that while the identity verification portion of the device is inactive, it remains in a power conservation mode.

🔓 Always-open mode

When you host a social event, people frequently enter and exit the premise, this can be inconvenient. You can set the lock to "always-open" mode. In this case, ID certification is not required.
Enjoy your party!

🔋 Low-voltage alarm

Light and sound indicators provide two ways to notify you that the L100 has a low battery. A door can still be opened 500 times once you are notified of a low battery. This gives you enough time to change the battery.

Emergency Door Unlocking

When the batteries are completely discharged, you can easily supply emergency power to the lock with the standard 9V battery. Also there is a Mechanical key for you to open the door.
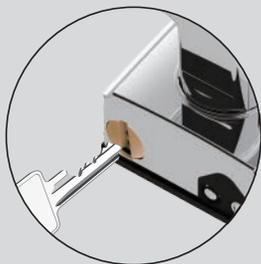
Safe password

A unique security code can be entered when your fingerprint can't be provided. The keypad will automatically lock for 12 seconds if the password is incorrectly entered three times. The locking time will be even longer if the improper code is input again.

Be locked
12s

User management

Manage through the hardware: Work directly through the device interface: register, and add or delete appointed people.

+ Add button

− Delete button

Nixie tube

OK "OK" confirm Key

C "C" cancel Key

Anviz fingerprint algorithm and module

A unique Anviz BioNANO algorithm that automatically accounts for the broken lines in fingerprint images, and rapidly and precisely verifies dry or wet fingerprints. Optical fingerprint sensor is scratch-proof and durable.

Fingerprint Algorithm

1. Suitable for both wet and dry fingers.
2. Automatically accounts for broken lines in fingerprint images.
3. Can extract features in worn fingerprints.
4. Auto-updates fingerprint templates.

Optical Fingerprint Sensor

1. A viewable surface area is increased to 22x18mm thanks to the larger image capture window.
2. High-quality optical imaging glass creates improved image quality.
3. Antireflective and wear resistant plate enhances durability.
4. Fully sealed sensor for weather resistance and durability

		L100	L100D	L100K	L100KD
Credential	FingerPrint	99	99	99	99
	RF/Mifare Card	99(Precondition FP=0)	99(Precondition FP=0)	--	--
	Password	--	--	1 Group	1 Group
	Mechanical Key	Yes	Yes	Yes	Yes
Fingerprint Part	Sensor	Optical AFOS300	Optical AFOS300	Optical AFOS407	Optical AFOS407
	Resolution	500 DPI	500 DPI	500 DPI	500 DPI
	Scan area	22mm*18mm	22mm*18mm	22mm*18mm	22mm*18mm
	Active mode	Automatic	Automatic	Automatic	Automatic
	FRR	0.001%	0.001%	0.001%	0.001%
	FAR	0.00001%	0.00001%	0.00001%	0.00001%
Specification	Front size(W*H*D mm)	70*150*38	70*150*38	70*150*38	70*150*38
	Handle size	140(L)*24(H)* 50(W) mm	140(L)*24(H)* 50(W) mm	140(L)*24(H)* 50(W) mm	140(L)*24(H)* 50(W) mm
		44(D)*48(H) mm	44(D)*48(H) mm	44(D)*48(H) mm	44(D)*48(H) mm
	Material	Zinc alloy	Zinc alloy	Zinc alloy	Zinc alloy
	Handle type	Lever	Knob	Lever	Knob
		Knob(optional)		Knob(optional)	
	Bolt	Latch bolt	Dead bolt	Latch bolt	Latch bolt
	Extral power interface	9V battery	9V battery	9V battery	9V battery
	Suitable Door thickness	30-60mm	30-60mm	30-60mm	30-60mm
	Power Supply	4*AA batteries	4*AA batteries	4*AA batteries	4*AA batteries
	Low-voltage alarm	3.8V	3.8V	3.8V	3.8V
	Door switch time	5s	5s	5s	5s
	Temperature	-10℃~40℃	-10℃~40℃	-10℃~40℃	-10℃~40℃
	humidity	55% ~ 85%	55% ~ 85%	55% ~ 85%	55% ~ 85%

ANVIZ ®

Intelligent . Security