

## **Biometric fingerprint door lock with keypad PY-3398**

### **Features**

Perfect combination of fingerprint and password, 3 ways to unlock. you can either use fingerprint, password or the mechanical key to open the door; independent mechanical key can be used if the electronic parts fail.

Support up to 120 fingerprints memory, and 1 password;

Reversible handle;

Moisture-proof design: PCB surface epoxy encapsulated to prevent moisture disseminated in order to maximize the protection of the PCB;

Self-management: you can add new user, delete, and initialize the lock anytime;

International standardized operational methods, user no need to re-learn when purchasing another new lock;

U.S. standard single latch, strengthened internal structure; integrated lock cast structure;

Anti-pick functions;

Battery / external power supply: fingerprint lock is supported by four 1.5V AA alkaline batteries which can be used about a million times; external power 6V ~ 9V battery can also be used when low voltage normally.

Low Voltage alarm: when the battery voltage is low, alarm will sound to notify the user to replace the alkaline batteries timely;

Operational signal and sounds tips: you can simply figure out the status of the lock by different signal and sound.

### **Technical Features**

Support up to 120 fingerprints, and 1 password

Fingerprint template registration twice for each fingerprint to generate a template

Fingerprint update automatically.

Fingerprint templates are stored automatically

Verification time: less than 1 second

Verification method: 1: N

FRR:  $\leq 1\%$

FAR:  $\leq 0.0001\%$

Angle for finger position: Any angle

30 megapixel CMOS color sensor

Resolution: 500 DPI

Anti-destruction sensor: 4H pencil 20 cm continuous impact 1000 times without damaging

Static power consumption  $<10\mu\text{A}$

Dynamic power consumption  $<200\text{ mA}$

Operating voltage four 1.5V alkaline battery, 6-volt DC

Battery life: about one million times (less than 4.5V)

Power supply 4 AA alkaline batteries or 6V ~ 9V external power supply

Opening and closing motor activation time of 0.5 seconds

Close in 5 seconds automatically

### **Picture Shows**





