



EZVIZ Y2000F

Face Recognition Handle
Smart Lock

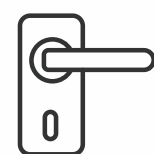
Know who's at your door
and unlock it your way



Powered by
EZVIZ AI

Designed around the way you live, the smooth, ergonomic handle of Y2000F makes it feel natural from the very first touch. Unlock effortlessly with face or fingerprint recognition, or stay connected through the EZVIZ App to manage access anytime, anywhere. With smart detection that notices when someone lingers near your door, the Y2000F combines intelligent technology with timeless design, bringing you security that feels simple, personal, and reassuringly smart.

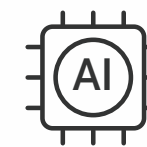
Key Features



User-Friendly Lever Handle Design



Secure & Fast Face Recognition with 3D In-Depth Sensing Technology



12 nm High Performance AI Chip & Dual-Core CPU



Remote Unlocking via the EZVIZ App



Wandering Detection with Real-Time Alerts



Fully Local Data Processing & Storage with Your Privacy at First¹



Safe Design Against Peeping & Forced Entry



Sturdy Lock Body with Anti-Tamper Alarm



Large-Capacity Rechargeable Lithium Battery

AI That Makes Every Unlocking Faster and Safer

Unlocks Faster

3D Face Recognition 4.0

Recognizes trusted users quickly and accurately in everyday lighting conditions.

Responds Smarter

12 nm AI Chip + Dual-Core CPU

Delivers smooth, responsive performance every time you unlock.

Protects Better

Local Facial Data Processing

Keeps your facial data encrypted and processed on the device.

Improves Over Time

OTA Software Updates

Optimizes performance and features throughout the product life cycle.



Built for Your Convenience & Security



≤ 1 sec Unlocking Time²

For Ultra-Smooth Experience

$\leq 0.0001\%$ False Acceptance Rate³

For Maximum Security

$\leq 0.1\%$ False Rejection Rate⁴

For Less Repeated Verification

Your Face Unlocks. Your Hand Opens.

Designed for homes, families and their everyday use. Walk in. Close the door. You're home.



AI Face Recognition



Recognizes you instantly as you approach.

Fingerprint Backup



Gives every family member another easy way in.

Lever Handle Design



Presses down and enter just like a traditional door.



Unlocks at First Sight. Protects at Every Moment.

Your home welcomes you at the first sight

Coming home should feel effortless, even when your hands are full. The Y2000F recognizes you as you approach, so you can unlock naturally and walk in with ease.

Step one



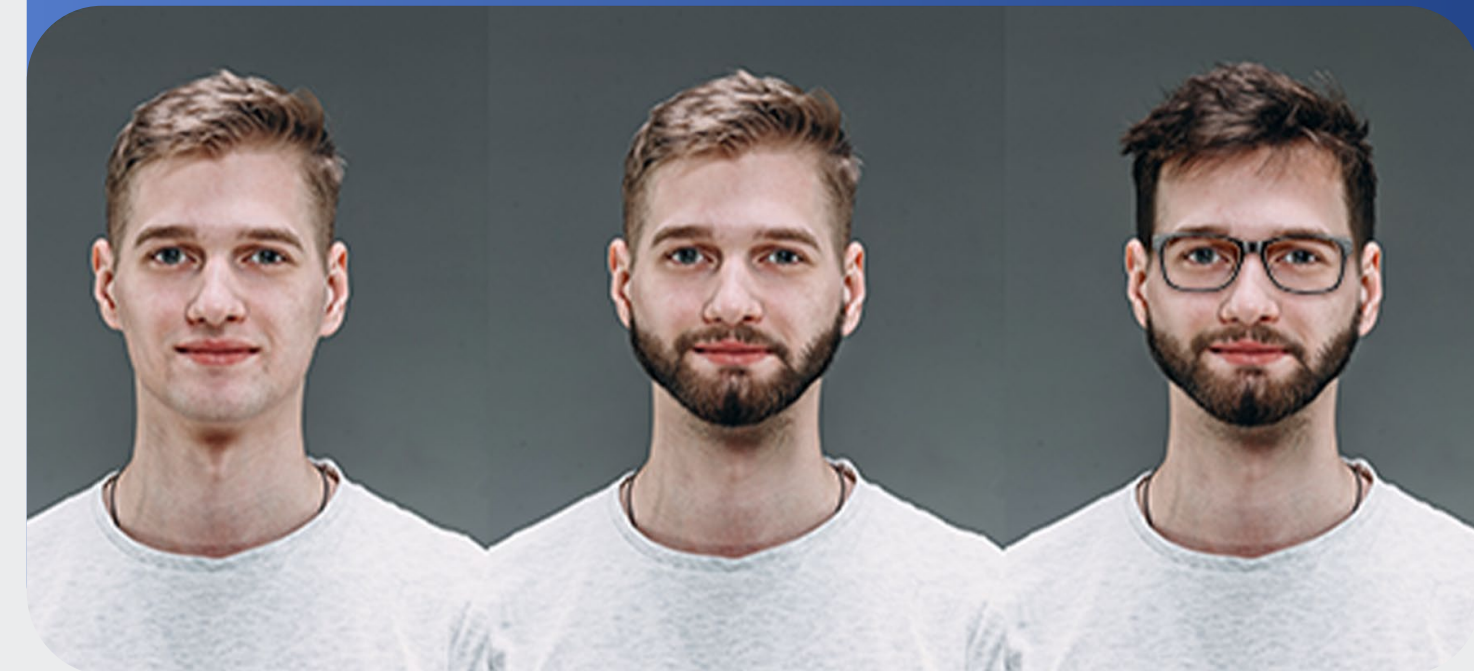
Step two



Despite hairstyle & makeup changes



Sees through glasses & beards

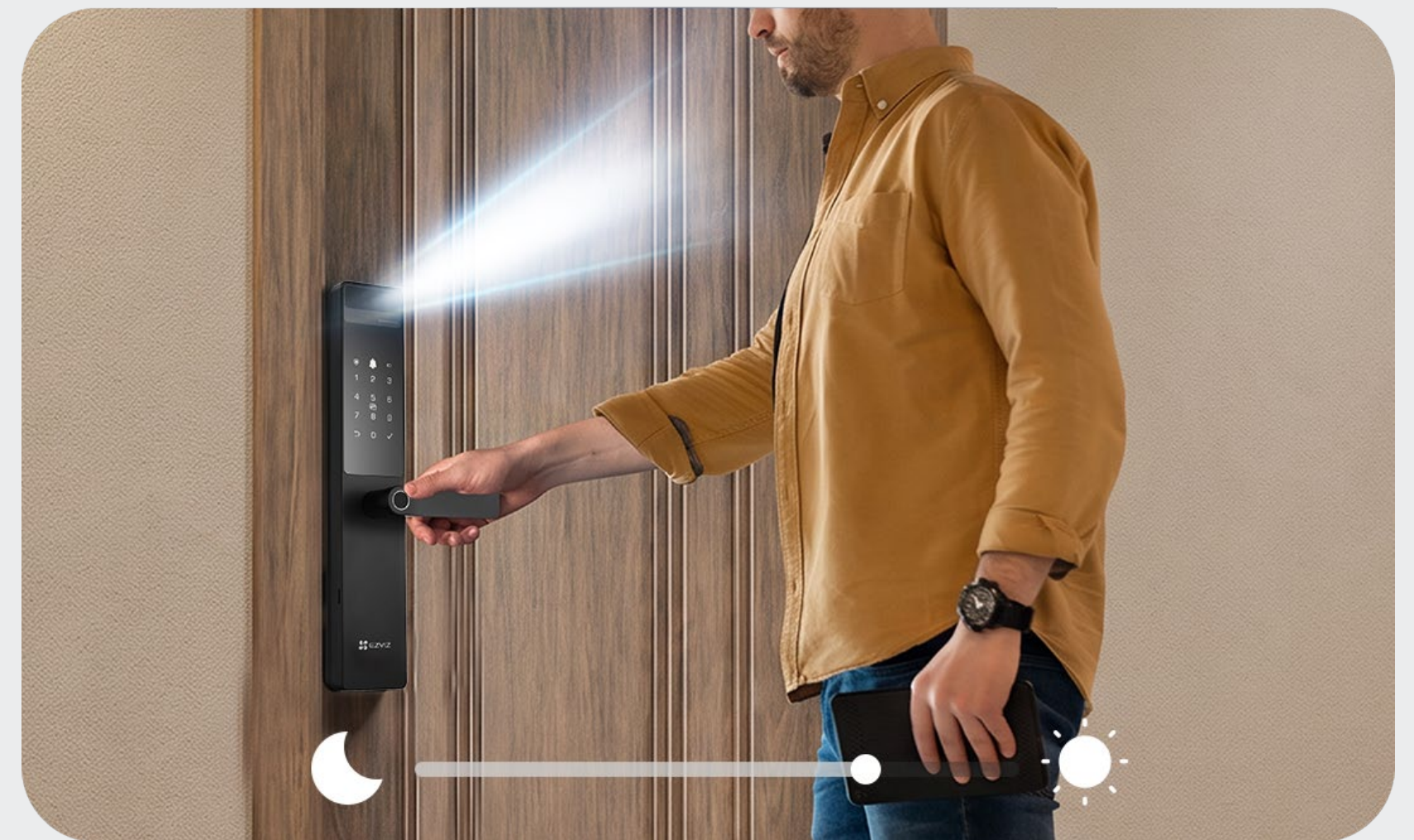


Your home welcomes you anytime you arrive

No searching in the dark—just a smooth way home, day or night. From bright daylight to dim hallways, the Y2000F recognizes you quickly and unlocks in seconds.



Dim hallway



Bright daytime

Chooses Your Own Way In

The Y2000F is designed around the way people naturally come home. With multiple unlocking options for different needs and routines, everyone can access the door with ease.



Fingerprints



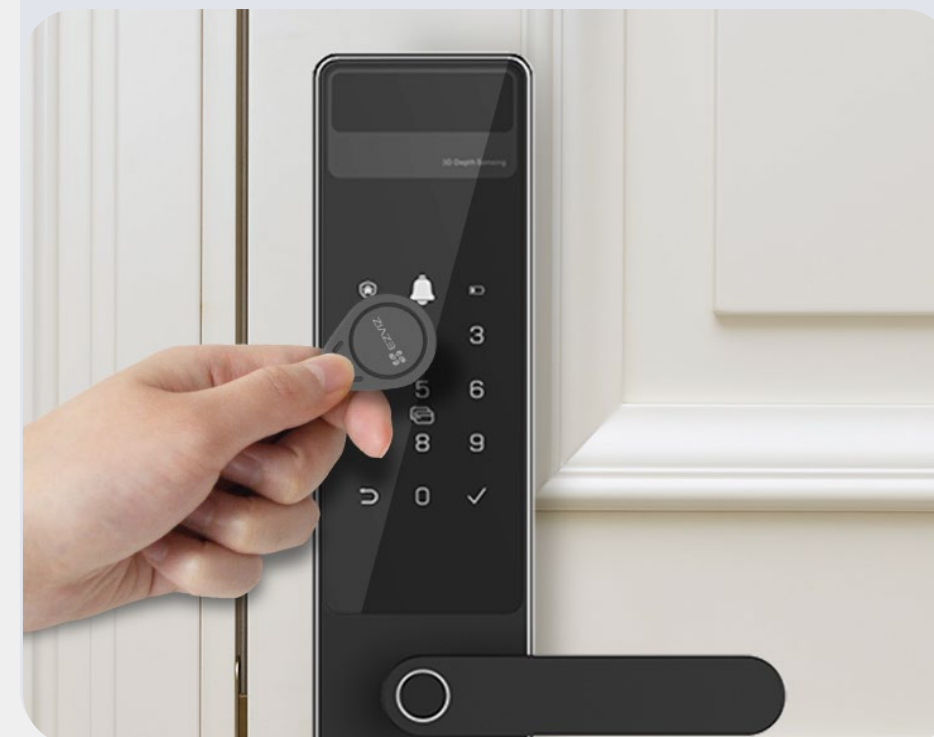
3D Face Unlocking



Passcodes



Proximity Card
(sold separately)



Shares Access Without Worry

From daily family routines to occasional visitors, the Y2000F helps you manage access with ease.
Give trusted people a convenient way in, without losing sight of who comes and goes.

For regular visitors



Fingerprints

Visiting Relatives



Long-Term Nannies



Passcodes

Close Friends



Pet Walkers



Temporary
Visitor Codes

Airbnb Guests or Short-Term Renters



Service Technicians



App Remote
Unlocking

Scheduled Housekeepers



Package or Grocery Delivery



Keeps Your Door Protected Longer

The Y2000F delivers up to 4–5 months of reliable use on a single charge⁵, minimizing the need for frequent recharging. Enjoy lasting performance with less maintenance and more everyday peace of mind.

Up To 4~5 Months⁵



Never Be Caught Off Guard

Low-battery alerts remind you before power runs low, helping you recharge in time. And if the battery is ever depleted, the emergency charging port lets you temporarily power the lock with a power bank, so you can still get back inside.

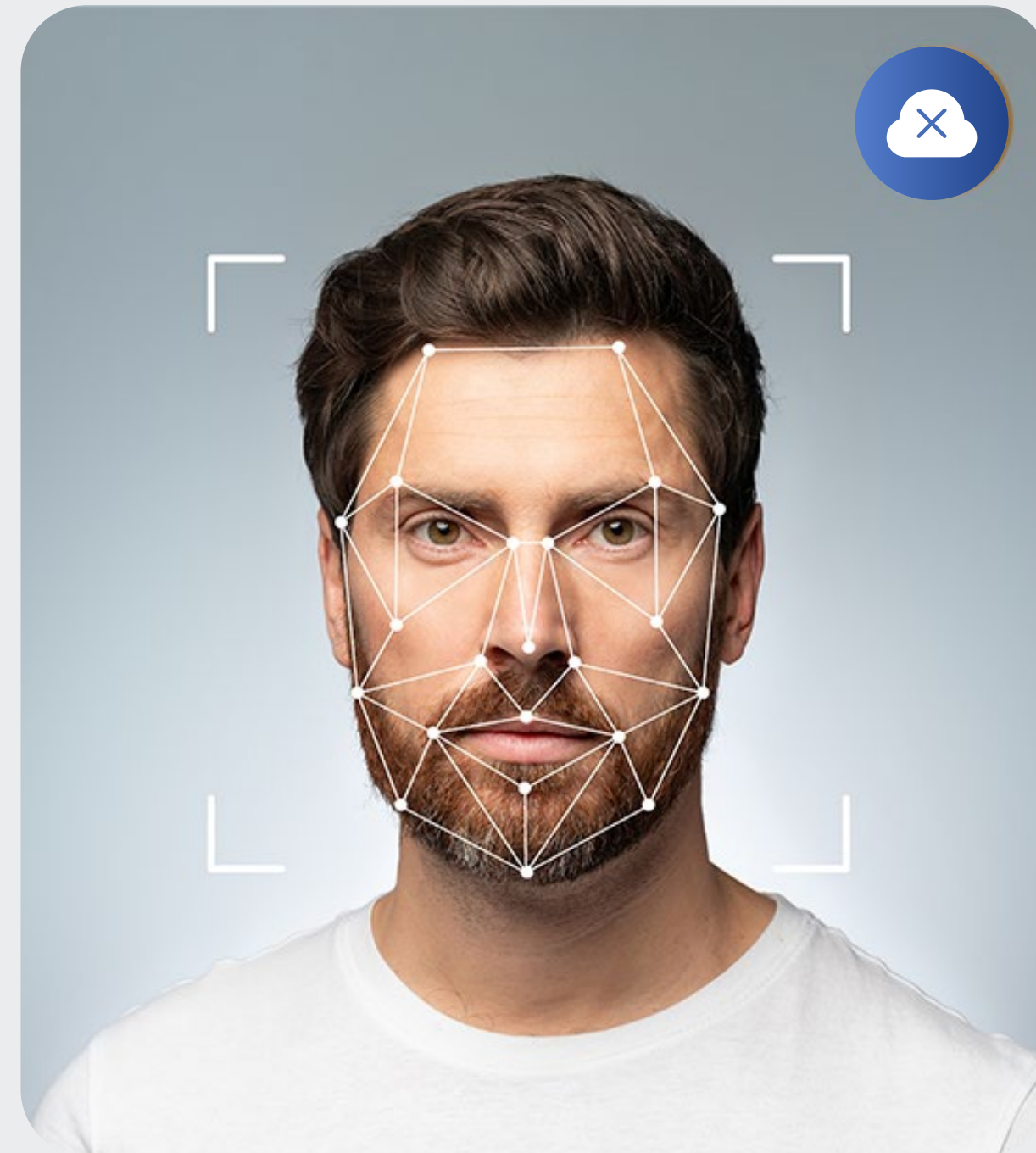


Protects Against Fake Faces

Built with advanced 3D recognition and local data processing, the Y2000F helps block photos, videos, masks, and other spoofing attempts—so only real, trusted users can unlock your door.



**Can't be fooled by photos, videos,
3D masks or statues**

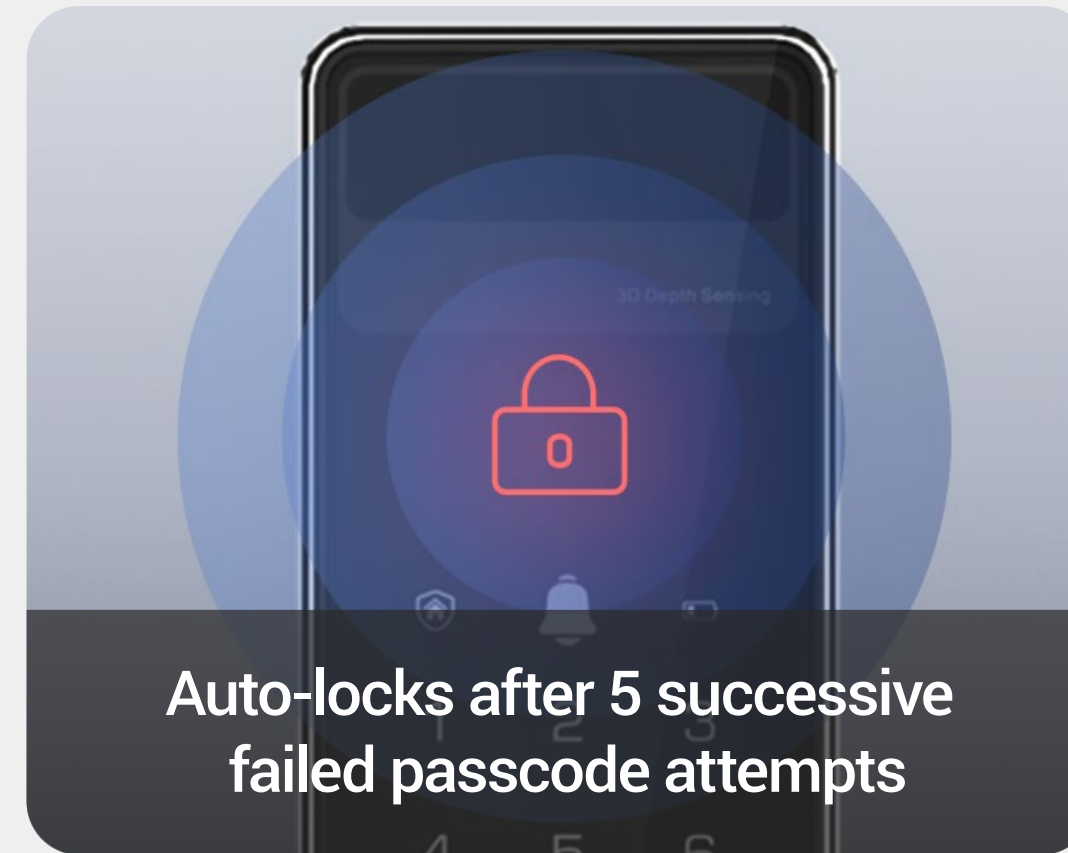


**Local 3D data processing without
real-life user photos stored or transmitted**

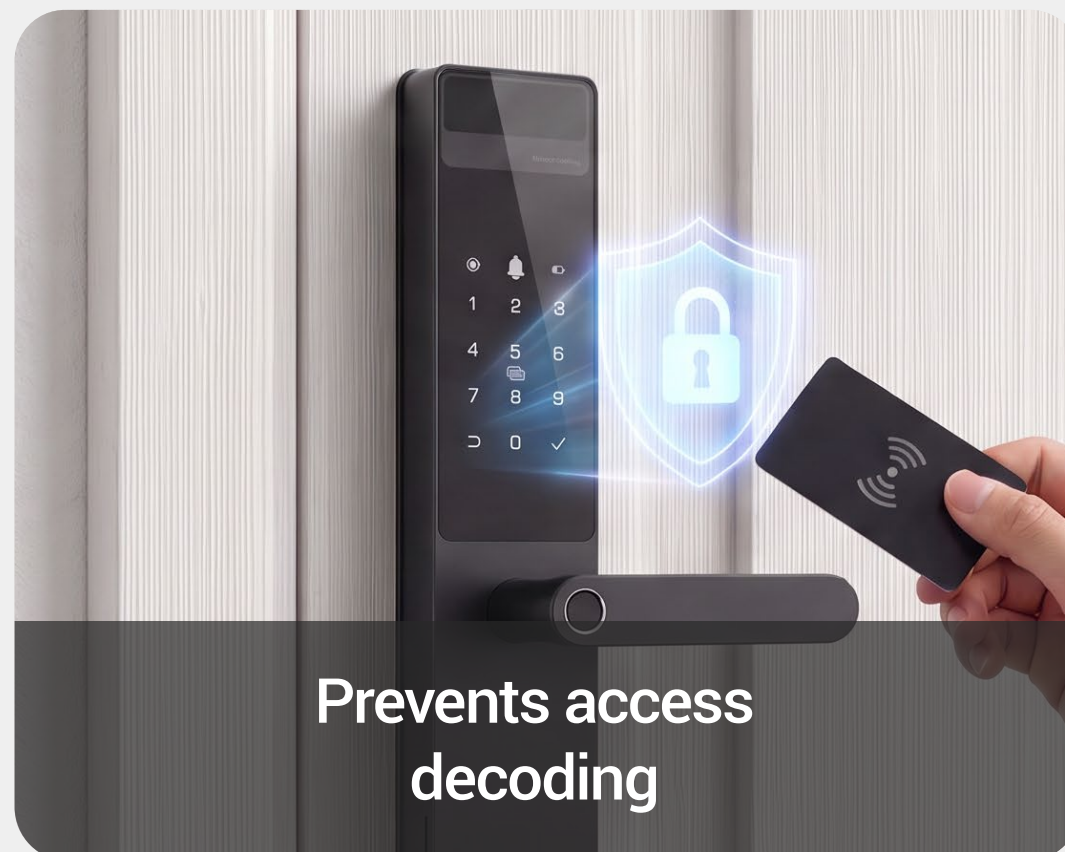
Security You Can Trust in Every Part



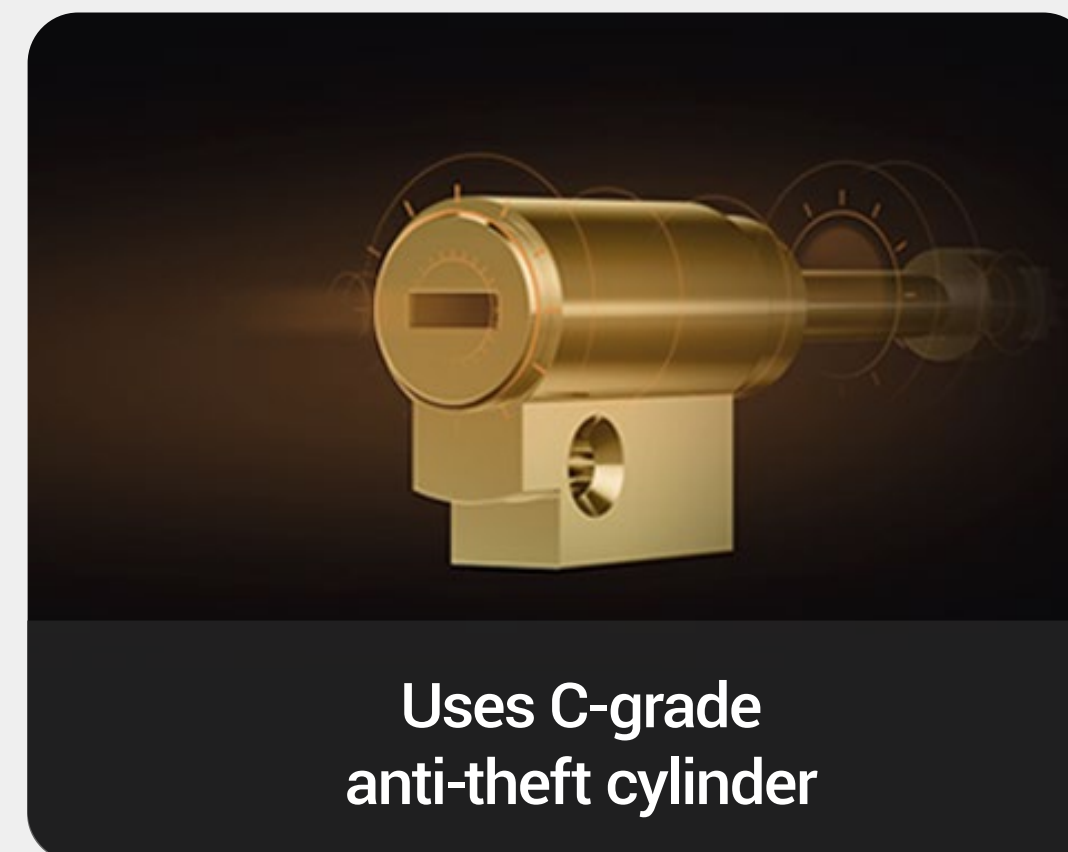
Sets off loud siren when
forcibly removed



Auto-locks after 5 successive
failed passcode attempts



Prevents access
decoding



Uses C-grade
anti-theft cylinder

Extra Peace of Mind, All at Your Fingertips

Instant notifications on attempted unlocking



[EZVIZ] Y2000F
Someone opens the door (Palm Vein Scan)

now

Real-time detection alerts on people who linger



[EZVIZ] Y2000F
PIR Alarm

now

Low-battery warning



[EZVIZ] Y2000F
Low Battery Alarm

now

Anti-tamper alarm



[EZVIZ] Y2000F
Tamper Alarm

now

Lock status & activity log check

* For illustration purposes only.

Stands Strong and Protects Always

Designed to endure real-world conditions, the smart lock passes rigorous testing for weather resistance, long-term use, and electrical safety, delivering reliable protection you can count on.



96 Hours
Neutral Salt Spray Test

100,000 Times
Full Device Life Cycle Test

15 KV
Air Electrostatic Discharge Test

-10°C ~ 55°C
High and Low Temperature Test

We're Committed to Protecting with Trust

We put security as the primary goal of every product and system that we build, and assiduously improve our practices to better protect your device, data and privacy.

[Learn more about our security practices >](#)



*End-to-end
Data Encryption*

AES
Data Encryption

TLS
*Data Transmission
Encryption*

Our global certifications in the fields of **information security, privacy information security, and cloud security**



- 1 The biometric recognition technology in Y2000F operates ENTIRELY LOCALLY on the product that you control and manage yourself, and only serves the sole purpose of supporting your decision of unlocking. During the whole course, the saved data always only contains technical value, i.e. the biometric data obtained from the templates you proactively provided in advance (such as facial images), which cannot be used to reconstruct your original data.
- 2 Data from EZVIZ Lab's testing results based on standard conditions. The actual recognition speed may vary due to environmental factors.
- 3 Data from EZVIZ Lab's testing results based on standard conditions. The actual false acceptance rate may vary due to various objective factors, such as heavy makeup or strong sunlight exposure.
- 4 Data from EZVIZ Lab's testing results based on standard conditions. The actual false rejection rate may vary due to various objective factors, such as heavy makeup or strong sunlight exposure.
- 5 When being connected via Bluetooth with the Wi-Fi mode disabled, the lock can run up to 4-5 months with fully charged batteries based on the usage of 10 openings per day. When the lock is connected via Wi-Fi, its battery life may reduce due to internet activities, and the actual use may vary due to the network stability or other environmental factors.

Specifications

CS-Y2000F-R100-WBCP-BK(6068)

Material and Specification

Panel Material	Aluminum Alloy
Panel Size	Front Panel: 392.6 x 73.6 x 28.3 mm Rear Panel: 394.2 x 75.4 x 30 mm
Color	Metallic Black
Lock Body Type	Mechanical lock body 6068
Lock Cylinder	C-Level Cylinder
Emergency Charging	Type-C
Working Power	4200mAh Rechargeable Lithium Batteries

Technical Specification

Unlocking Method	Face ID, Fingerprint, Passcode, Proximity Cards, Mechanical Key, Temporary Codes, Remote Unlocking
User Capacity	50 pcs
Face ID	50 pcs
Proximity Cards	50 pcs (sold separately)
Palm Vein	50 pcs
Fingerprint Capacity	50 sets
Passcode Capacity	50 pcs
Communication Methods	2.4GHz Wi-Fi, Bluetooth
IP Grade	IP52

Face Recognition	Standing distance < 1 m, Height greater than 1.2 m and less than 2 m Recognition speed ≤ 1 s, supports day / night recognition, supports changing hairstyle and wearing glasses recognition * EZVIZ laboratory data
Palm Vein Recognition	The palm is facing the sensor at a distance of 15~25 cm, and the palm can be recognized * EZVIZ laboratory data
Software Function	Anti-peeping code / Low battery warning / Privacy mode / User management / Real time notification / Anti-test locking / Anti-tamper alarm / Remote control
Supported Door Thickness	6068: 40 -120 mm
Working Temperature	-10°C~55°C
Operating Humidity	10%~95%

In the box

- Front Panel
- Rear Panel
- Hole Template
- Lock Body
- Standard Screw Bag
- Handing Screw Bag
- Battery
- Key Bag
- Square Rod
- Bumper Pad
- Regulatory Information
- Quick Start Guide

Certifications

CE (EMC / LVD / RED / ROHS) / REACH SVHC / WEEE

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