



Powered by
EZVIZ AI

EZVIZ Y2000FVS


*Face Recognition Handheld
Smart Lock*


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

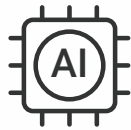



Designed around the way you live, the smooth, ergonomic handle of Y2000FVS makes it feel natural from the very first touch. Unlock effortlessly with facial or fingerprint recognition, or stay connected through the EZVIZ App to manage access anytime, anywhere. With smart detection that notices when someone lingers near your door, the Y2000FVS 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 Facial Recognition with 3D In-Depth Sensing Technology
- 


12 nm High Performance AI Chip & Dual-Core CPU
- 


Remote Unlocking & Status Checking via the EZVIZ App
- 

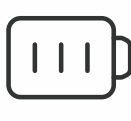
Built-in Door Viewer with 4-Inch Indoor Smart Screen
- 

Live View with Two-Way Video Call
- 

Wandering Detection with Real-Time Alerts
- 

Fully Localized 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

Next-generation AI built for smart locks

Only very few companies in the lock market develops and owns AI technologies, and fewer can bridge them with useful, user-friendly products through extensive real-life testing. EZVIZ is one of them.

Algorithm that leads

EZVIZ AI 3D modeling & recognition 3.0

that optimizes speed, accuracy, and adaptability

Hardware that excels

Built-in 12 nm high performance AI chip

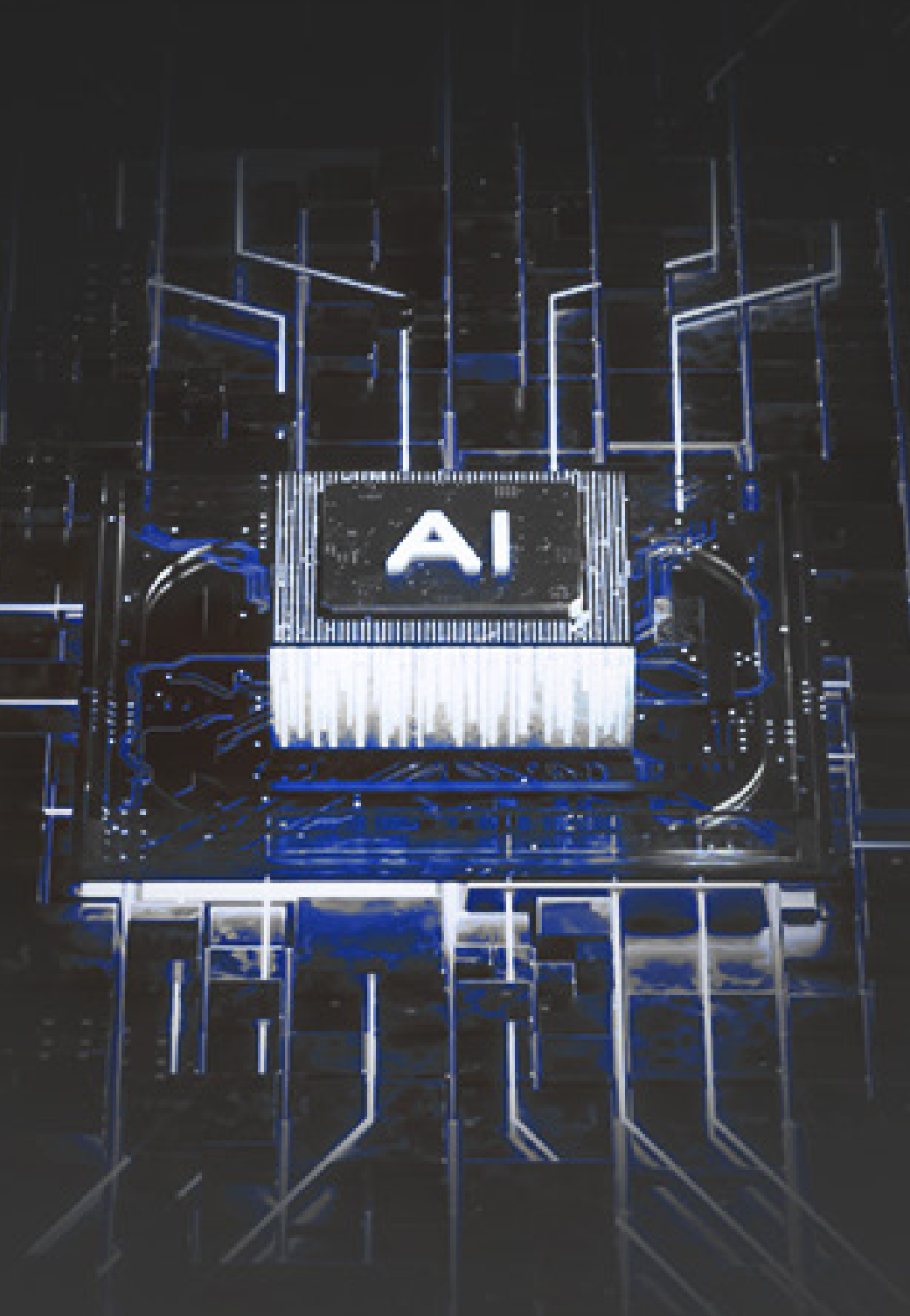
and **dual-core CPU** design that drive unmatched high performance

Security that endures

Strict data protection and end-to-end encryption, with **fully localized processing of facial recognition data**

Intelligence that enhances

Supports **over-the-air software updates** to your smart lock over time with longer product life cycle



State-of-the-art AI for convenience & security



≤ 1 second unlocking time²

for instant response & ultra-smooth experience

$\leq 0.0001\%$ false acceptance rate³

to ensure extremely high level of security while being fast in recognition

$\leq 0.1\%$ false rejection rate⁴

to greatly reduce frustration caused by repetitive verification

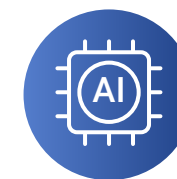
Your face unlocks the door, your hand brings you home

Coming home has never been easier. Just let the Y2000FVS recognize your face, press the handle like you normally would, and walk in. Then the door locks itself automatically behind you. Designed to make life safer and simpler, all your families now enjoy the benefits of AI-powered security without changing the way they move through their day.



User-Friendly
Lever Handle

+



Industry-Leading
AI Technology

+



Family-Ready
Convenience



The door that sees you, and opens only for you

Your home welcomes you at the first sight

Carrying groceries, holding your little one, or rushing through your day, opening the door shouldn't slow you down. The Y2000FVS is ready the moment you approach, recognizing you no matter your accessories, hairstyle, or anything else.

Step one



Step two

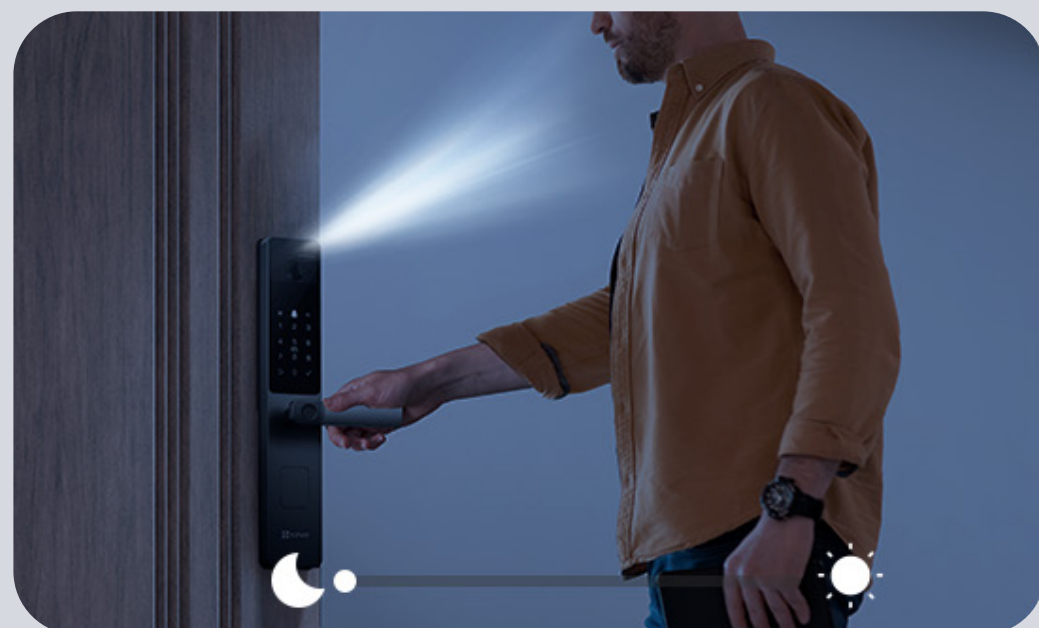


Despite hairstyle & makeup



Sees through glasses & beards





Dim hallway



Bright daytime

Your home welcomes no matter the moment you arrive

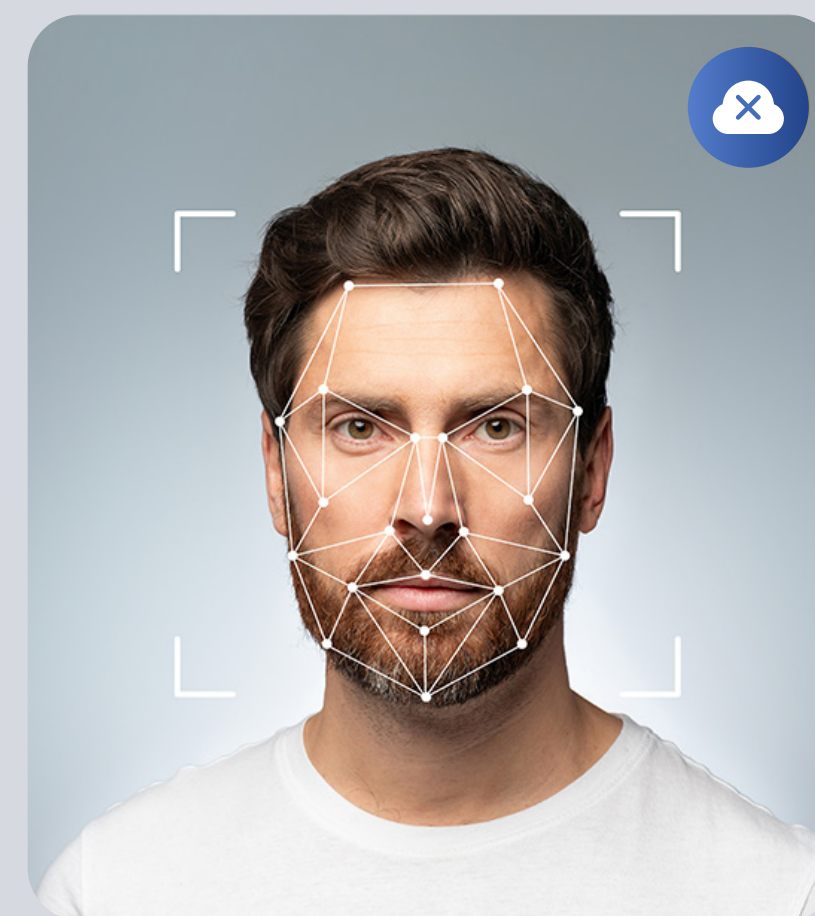
Whether it's the bright glare of morning sun or the soft glow of evening, the Y2000FVS recognizes you instantly and unlocks in seconds. What's better, you don't have to fumble or search in the dark. Your hand naturally finds the handle.

Tirelessly protects, with security at its core

Security is the cornerstone of a good lock. We build the Y2000FVS with multiple technologies to ensure that both your home and your data are well protected.



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



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

Natural unlocking methods without changing your habits

Experience an intuitive and smooth unlocking process, tailored to fit your usual habits and routines. All you need to do is to select your preferred method of unlocking, and with a gentle push on the handle, you can access your home efficiently and confidently.

Whatever way you unlock it, just use the handle and the door opens



3D Facial Unlock



Passcodes



Fingerprints



More ways to enter for tailored convenience

Your household can be busy with comes and goes, and you may not always be there to welcome the ones you trust. Choose what's convenient for your family and visitors, while keeping your front door under your watch.

For regular visitors



Fingerprints



Bluetooth Keys



Passcodes

Visiting Relatives



Close Friends



Long-Term Nannies



Pet Walkers



For services & deliveries



Temporary
Visitor Codes



App Remote
Unlock

Airbnb Guests or Short-Term Renters



Scheduled Housekeepers



Service Technicians

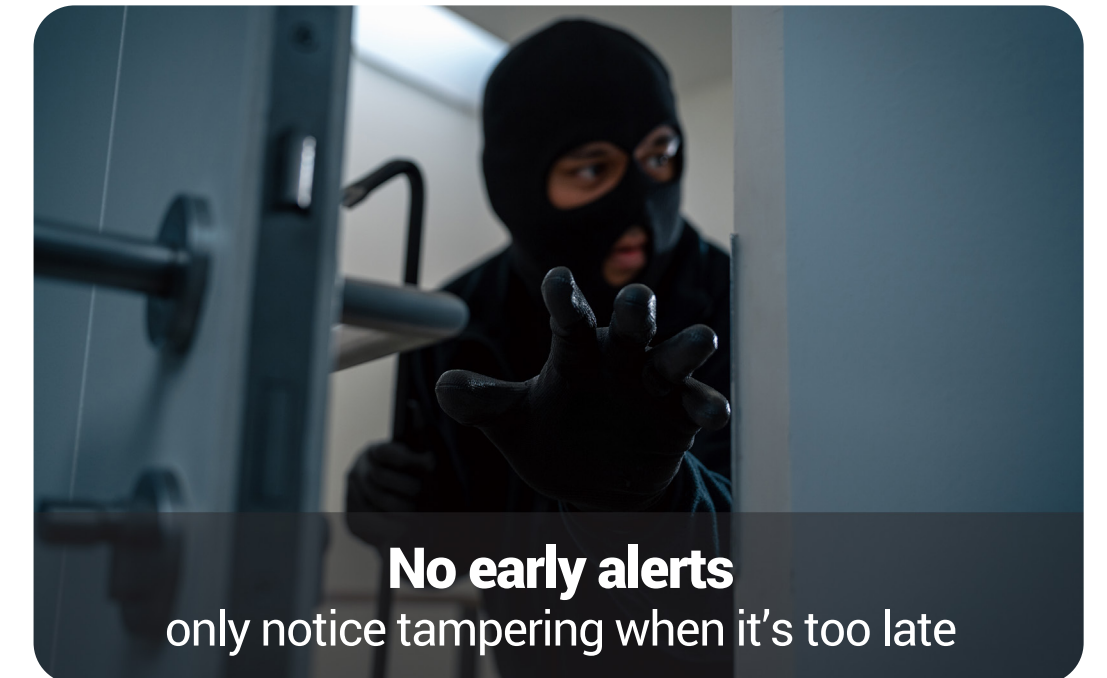


Package or Grocery Delivery



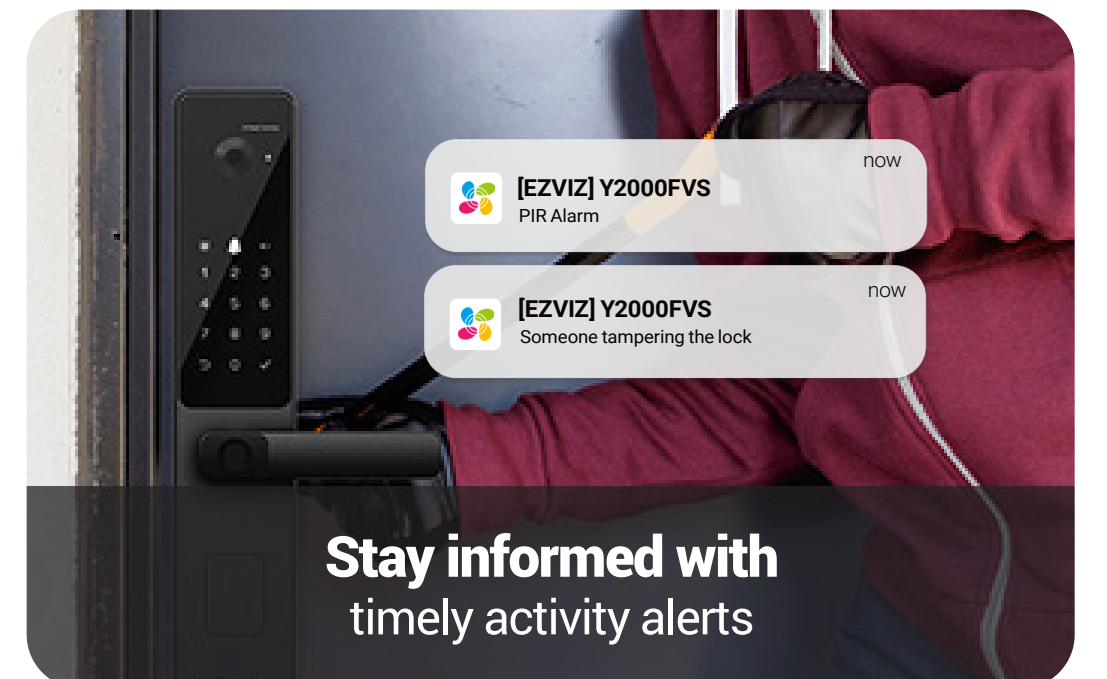
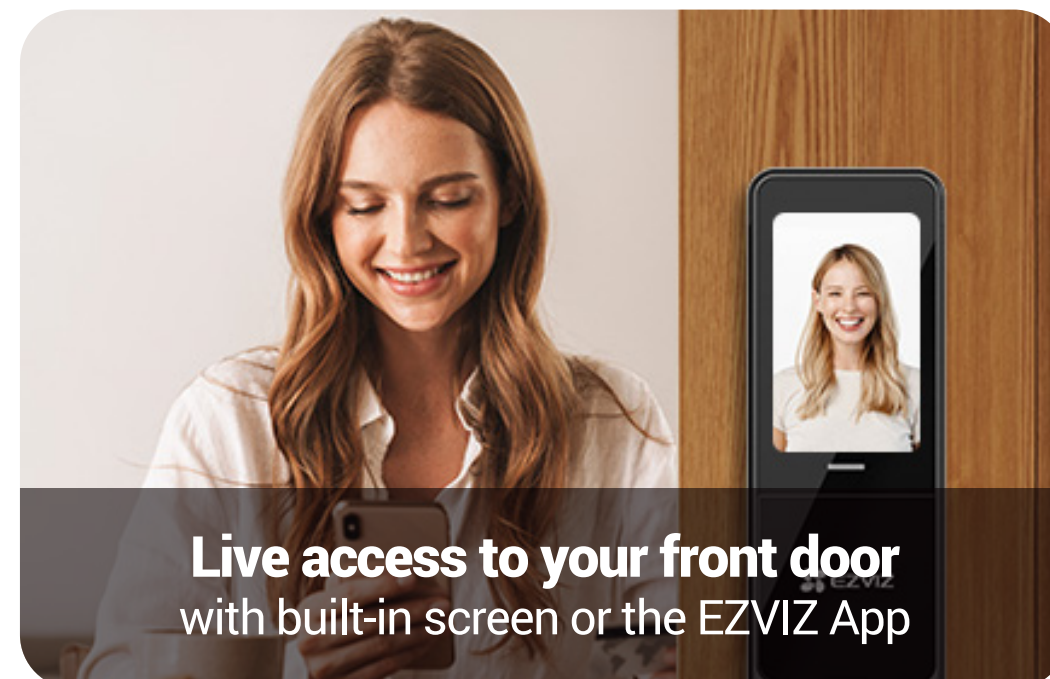
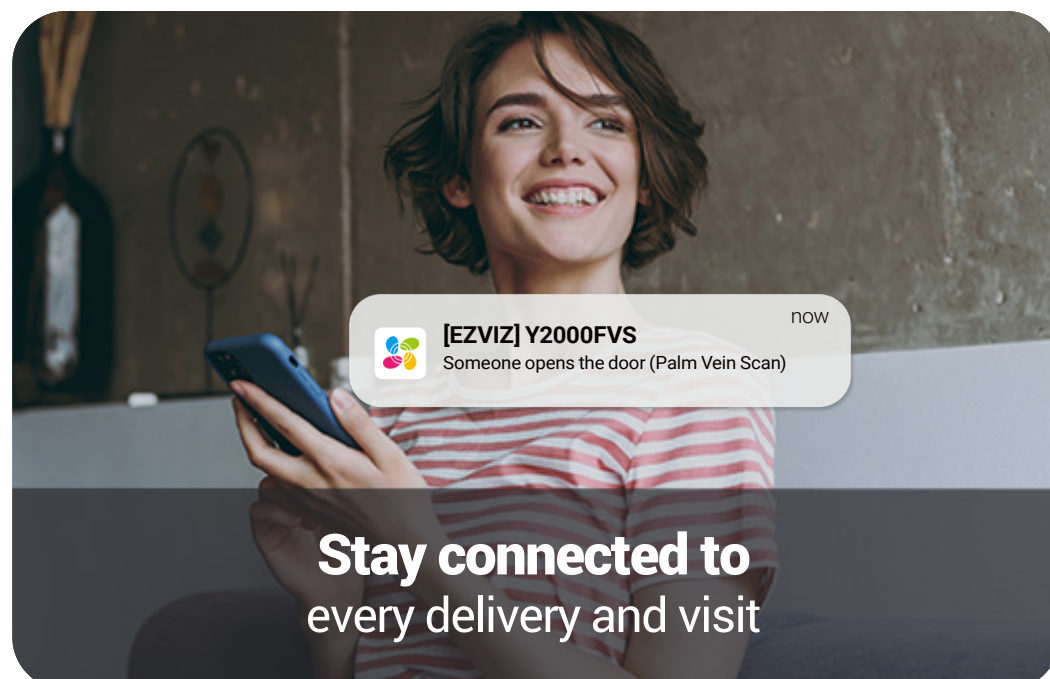
Why you want your lock to be more than a lock

Users expect more from a smart lock because they struggle with some difficult times, which requires flexibility, security, and convenience beyond just opening a door.



One multi-purpose product offers total peace of mind

Here's what Y2000FVS offers



Much better than your old peephole

See more with a wide-angle view

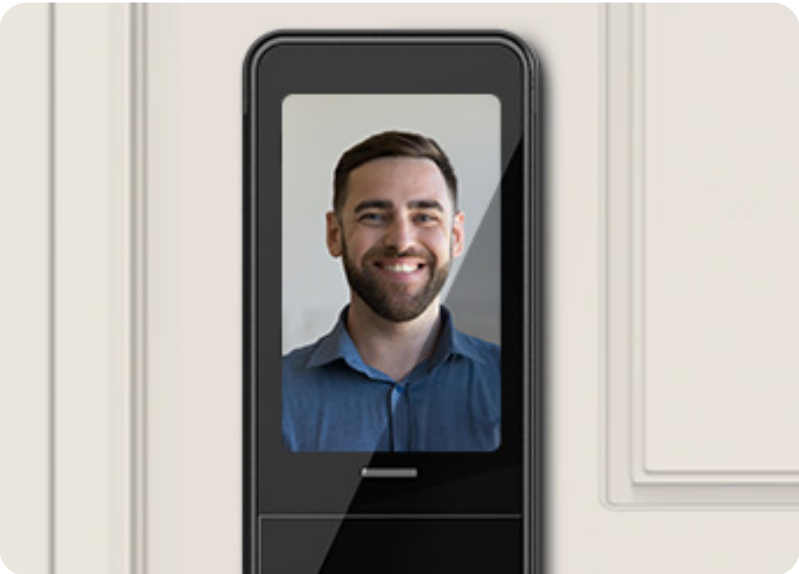
The smart lock features a built-in camera that delivers a clear, wide-angle view of your doorstep.



Ultra-Wide 132°
Field-of-View



Two-Way Talk
with Voice Changer



Check visitors with the indoor screen

The indoor screen helps everyone, from kids to grandparents, see who's at the door before unlocking, with no smartphone needed.



Crisp Video Clarity



4-Inch Color Screen

Active and smart as a security guard

Thanks to EZVIZ's smart visual technology, your lock knows when someone's near, or hanging around. It detects human movement by your door and sends instant alerts, keeping you in the know, day and night.



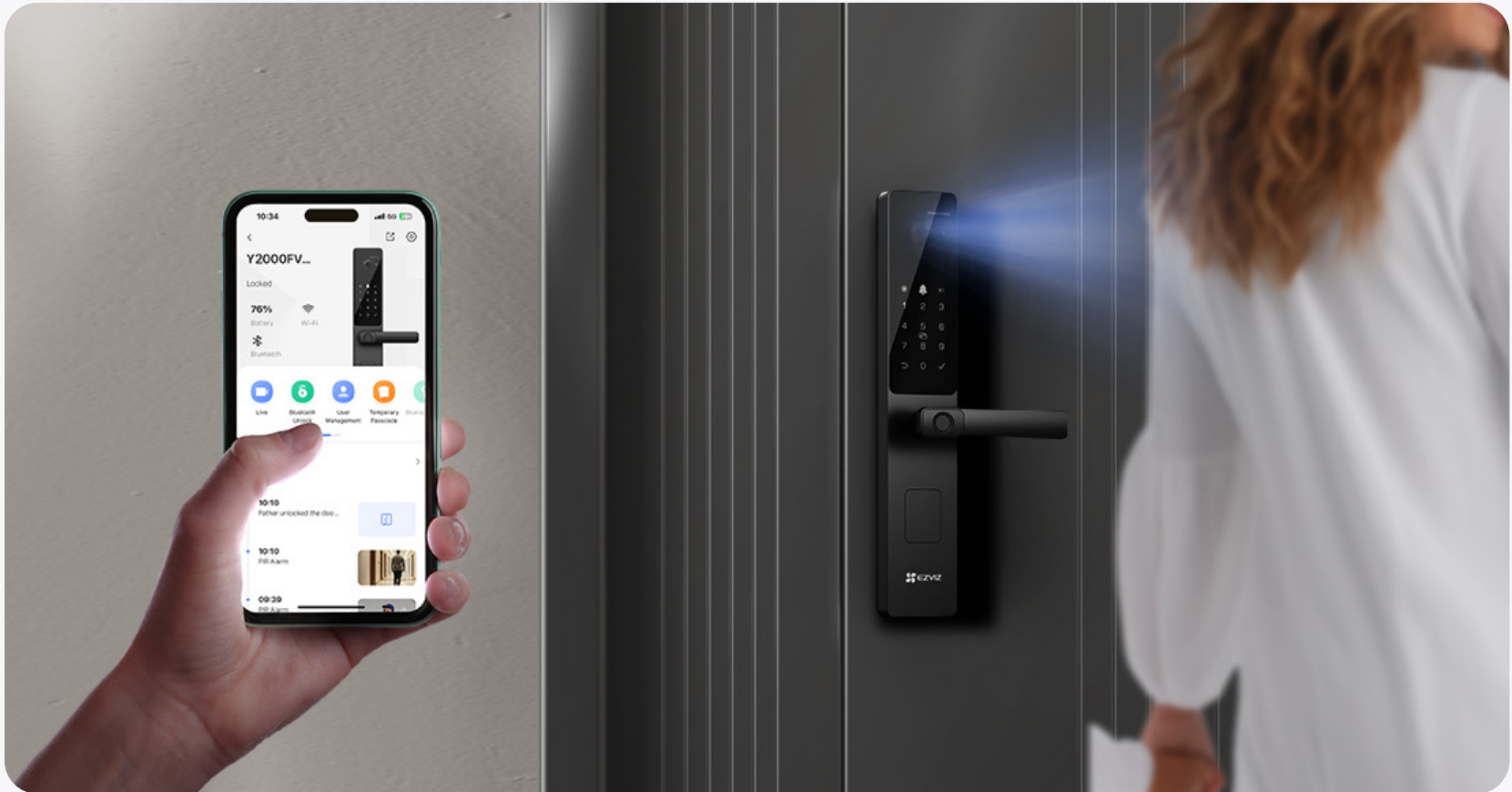
5.8 G Radar
Human Presence
Sensor⁵



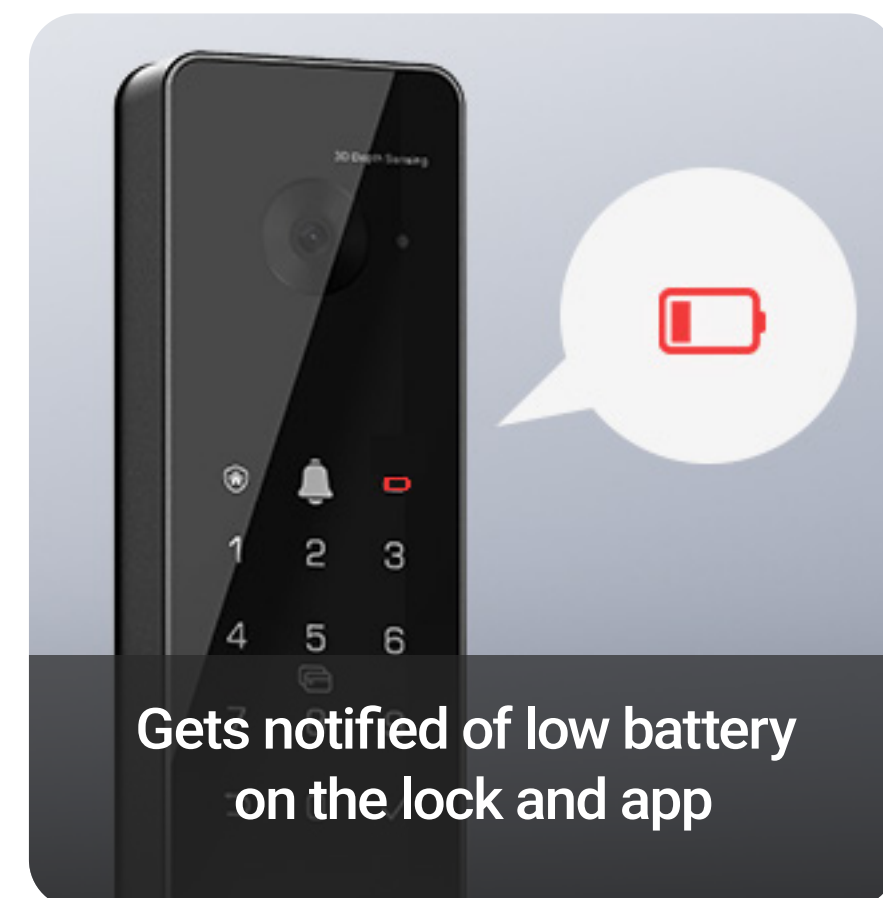
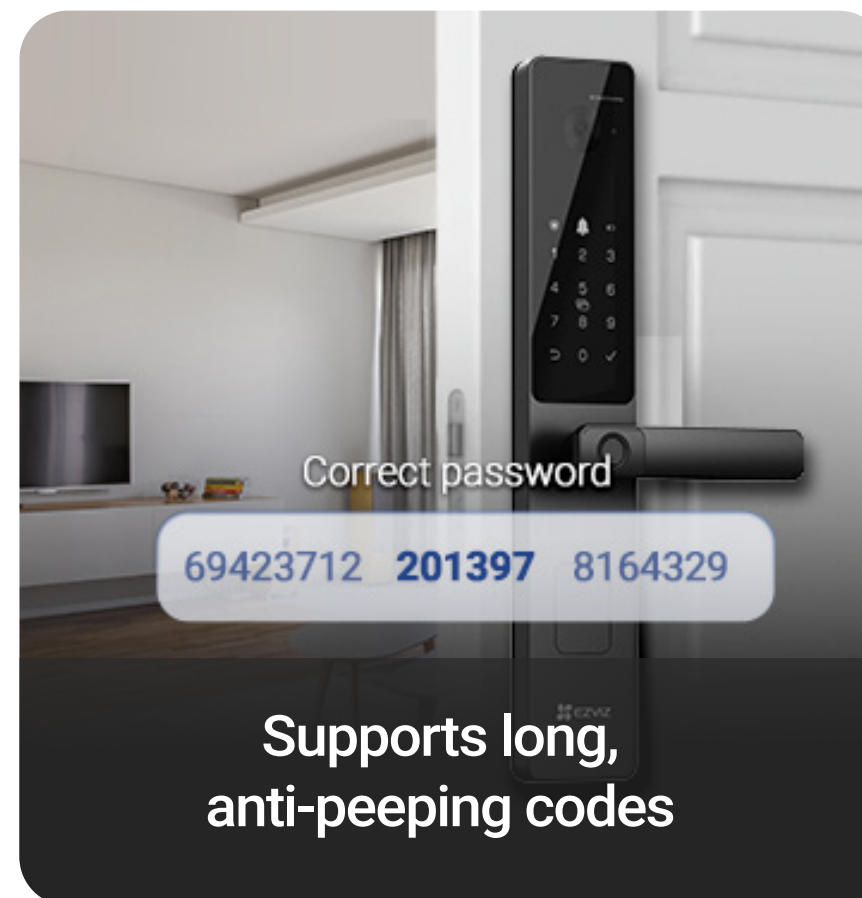
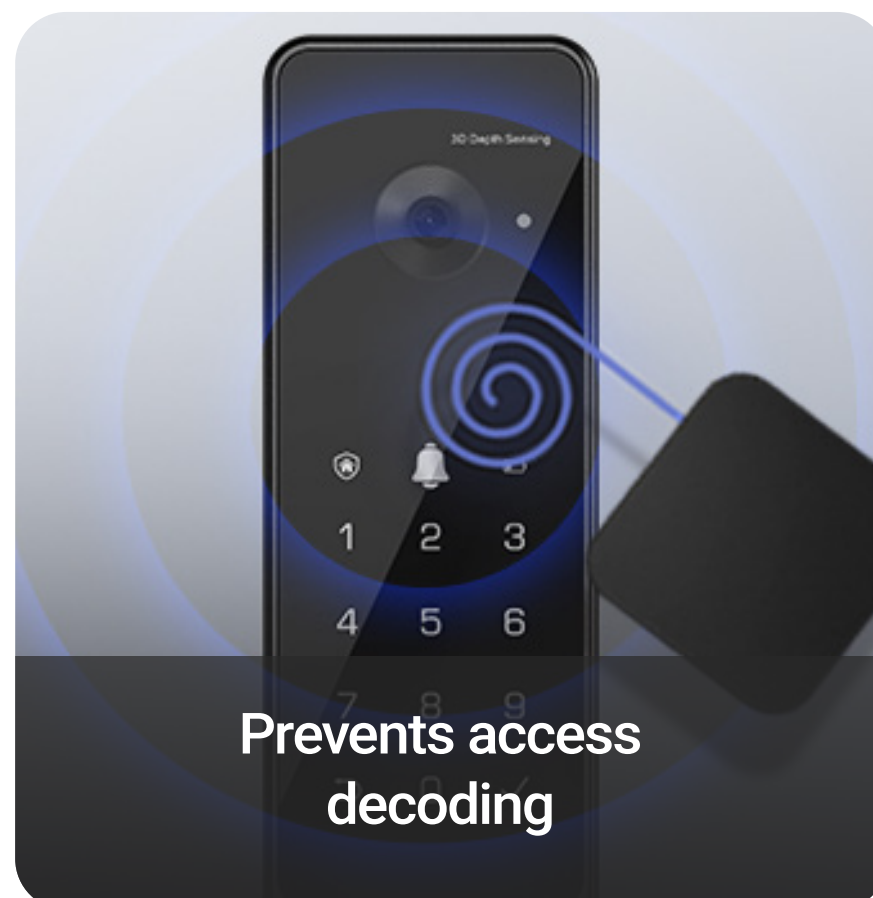
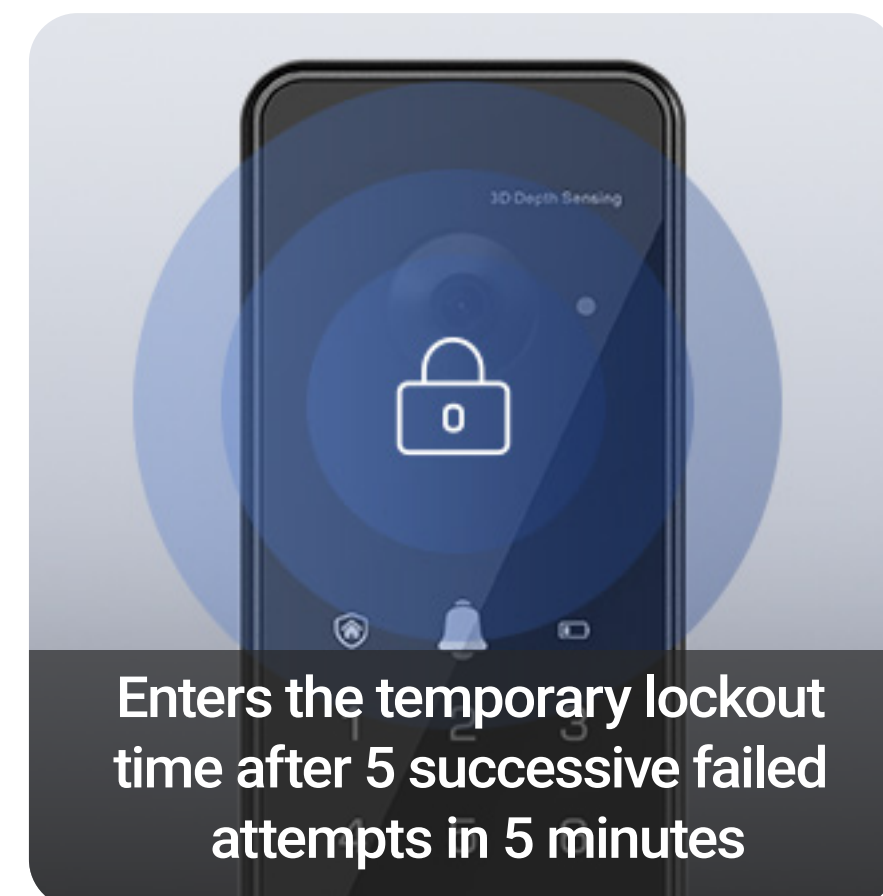
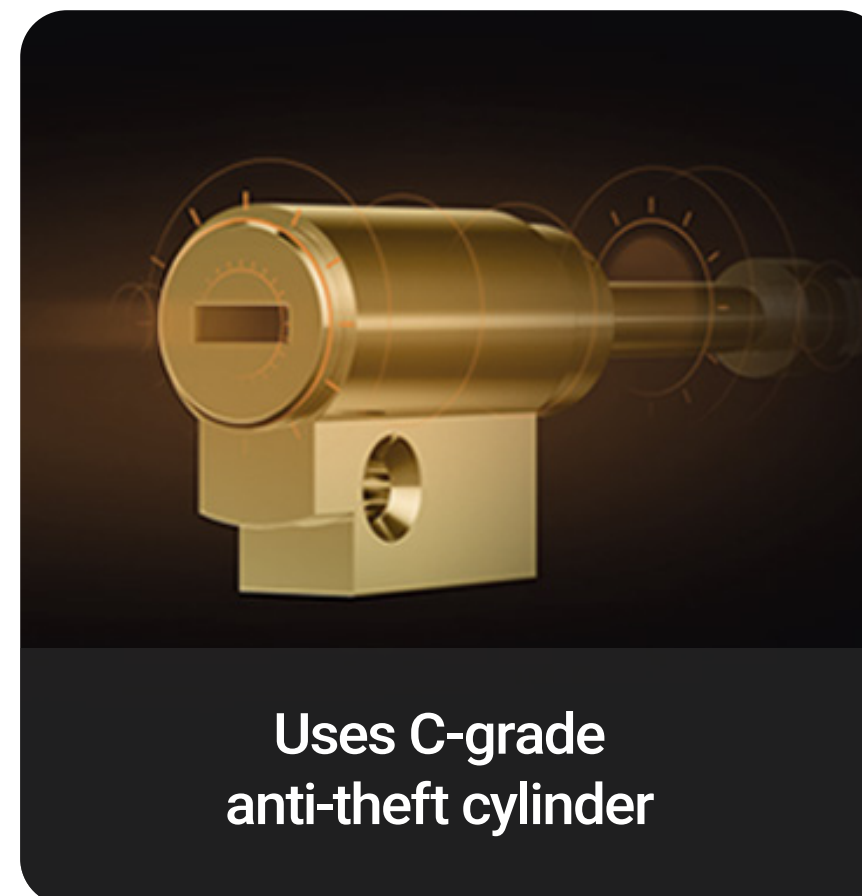
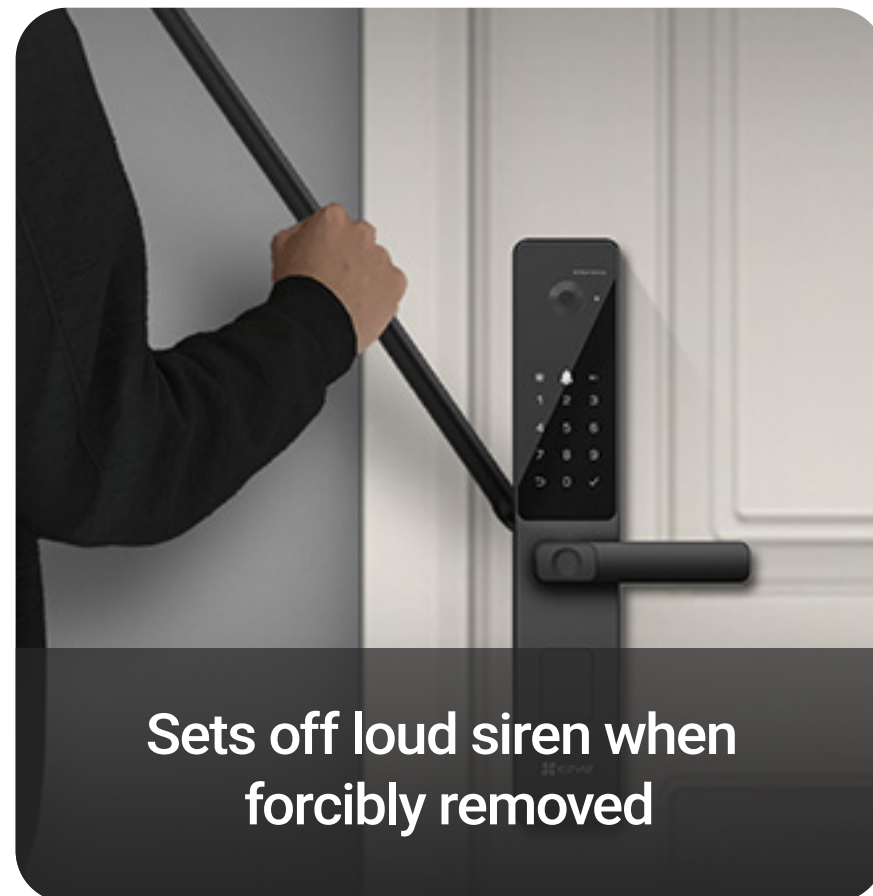
IR Night
Vision
(up to 2 m)



Detection Video
Replay (Built-in
8 GB memory)



Security you can trust in every part



Extra peace of mind, all at your fingertips

Instant notifications on attempted unlocking



[EZVIZ] Y2000FVS
Someone opens the door (Palm Vein Scan)

now

Real-time detection alerts on people who linger



[EZVIZ] Y2000FVS
PIR Alarm

now

Low-battery warning



[EZVIZ] Y2000FVS
Low Battery Alarm

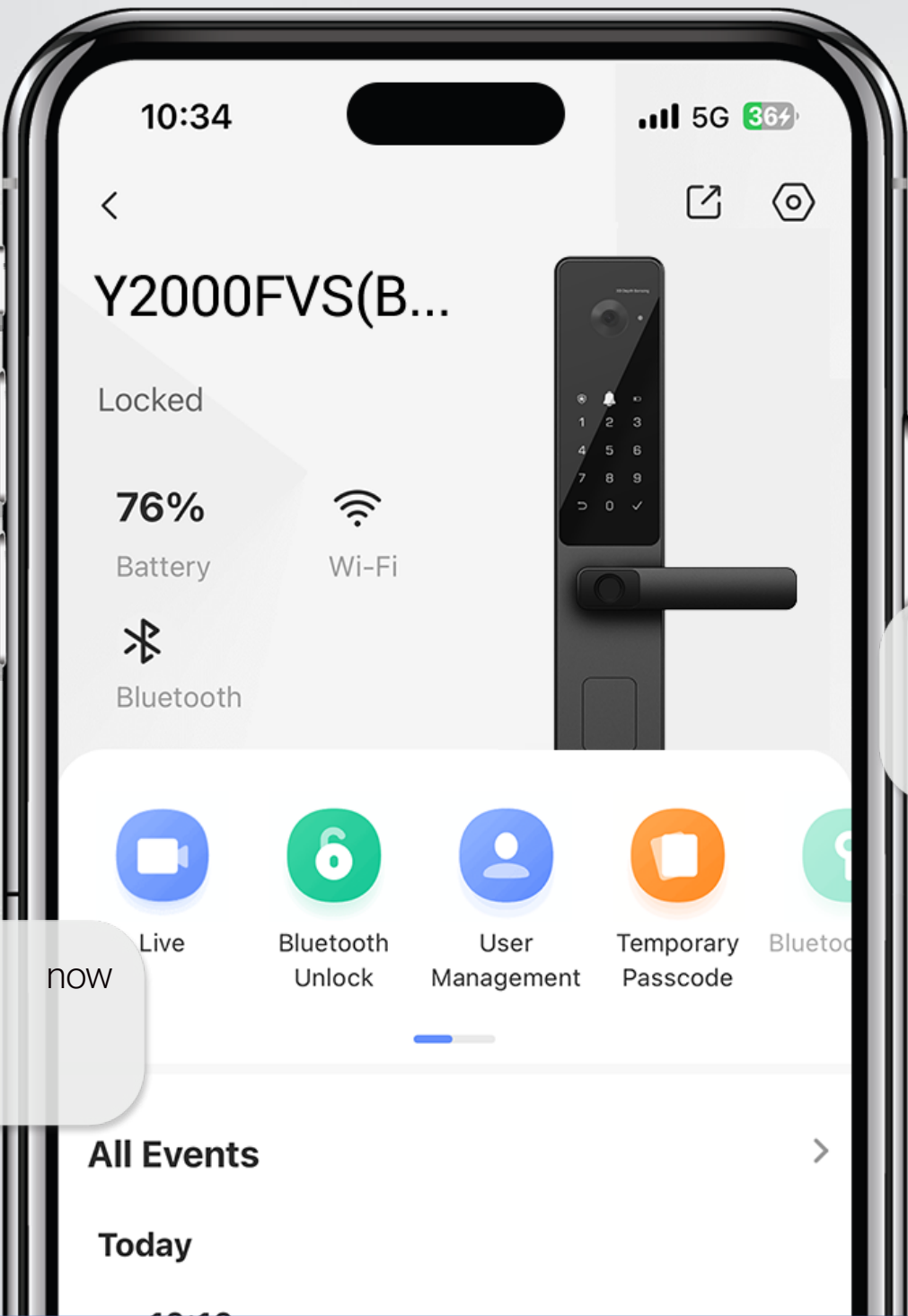
now

Anti-tamper alarm



[EZVIZ] Y2000FVS
Tamper Alarm

now



Lock status & activity log check

* For illustration purposes only.

Stand strong and protect 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

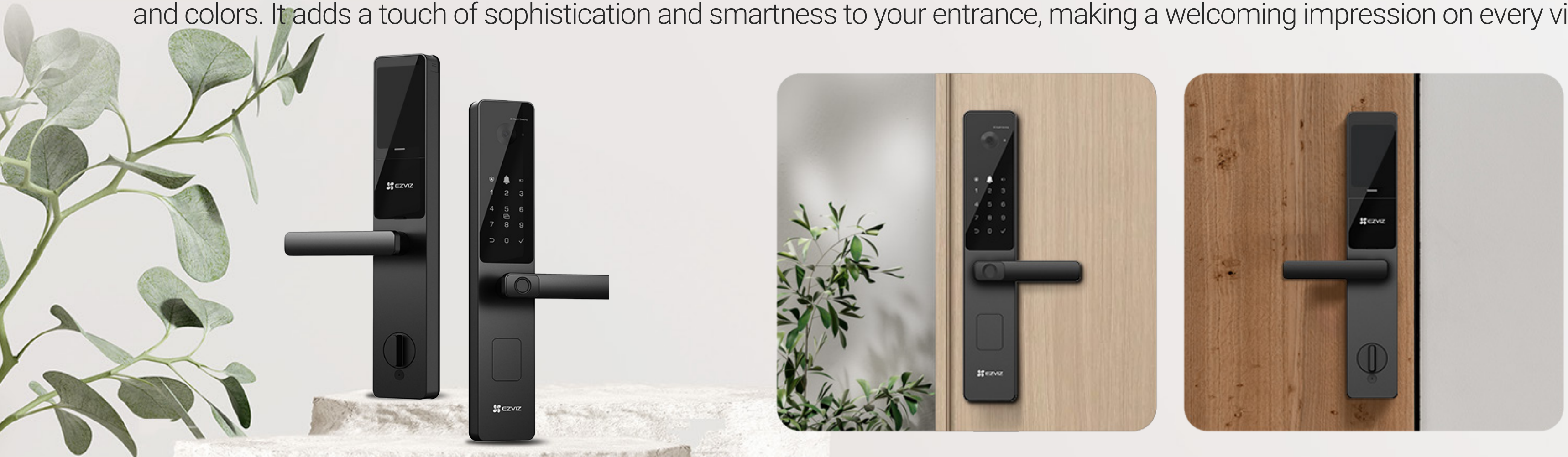
Air Electrostatic Discharge Test

-10°C ~ 55°C

High and Low Temperature Test

Beauty that secures, elegance that lasts

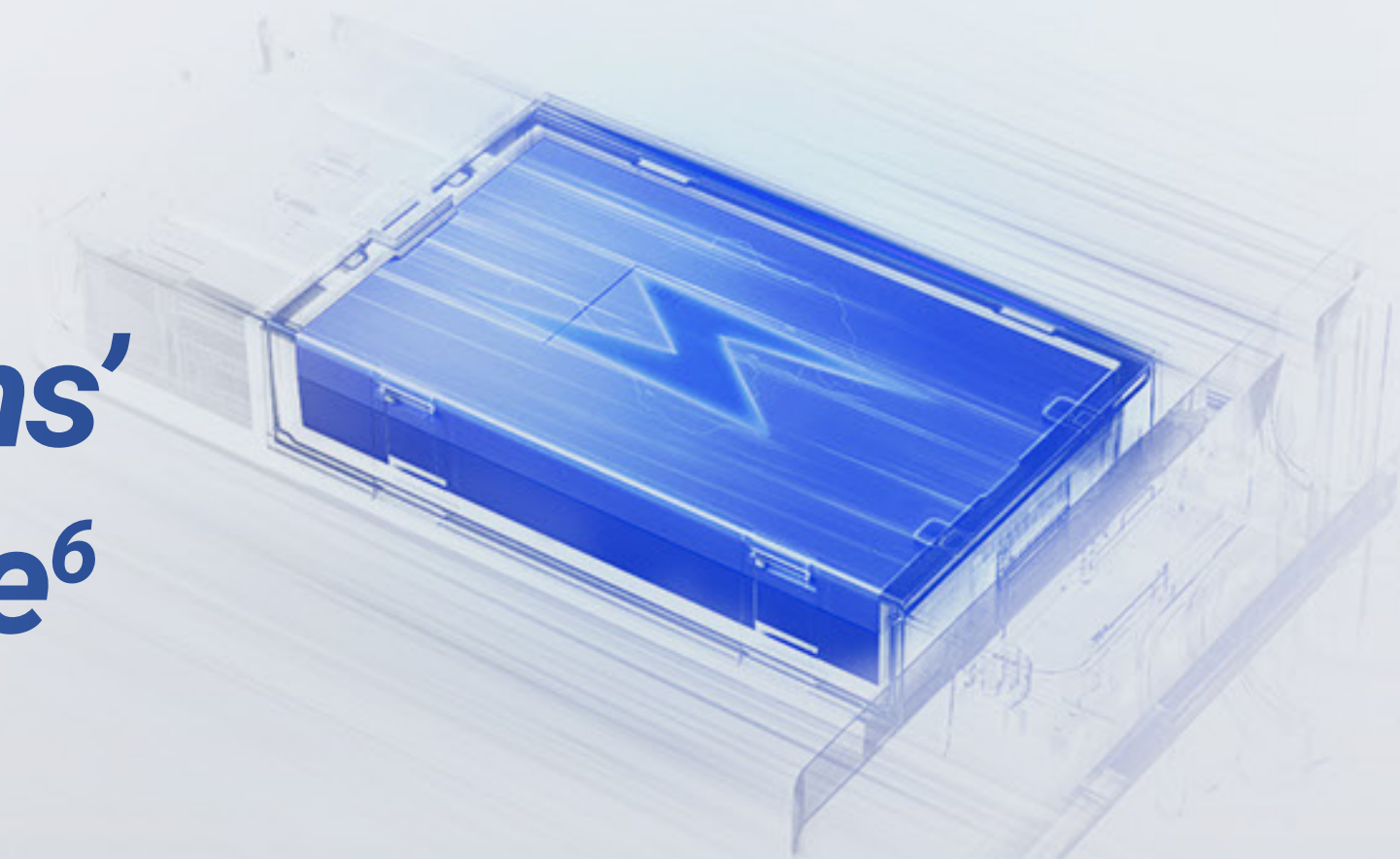
Designed with classic and elegant lever handles, the Y2000FVS blends seamlessly into your front door, regardless of materials and colors. It adds a touch of sophistication and smartness to your entrance, making a welcoming impression on every visitor.



Reliable protection that stands the test of time

Designed for durability, the lock delivers up to 4 to 5 months of reliable performance on a single charge with a 5,000 mAh rechargeable battery. Even when the battery level is low, it can be easily reactivated by connecting to a power bank or a nearby power source.

***4~5 Months'
Battery Life⁶***



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 >](#)



Local Storage

*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 Y2000FVS 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 The human presence sensing feature uses the built-in radar sensor and does not involve the detection of human faces. You can choose to activate or deactivate this function on the EZVIZ App.
- 6 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-Y2000FVS

Material and Specification

Panel Material	Aluminum alloy
Panel Size	Front panel: 391.4 × 72.4 × 28.2 mm Rear panel: 391.4 × 72.4 × 30 mm
Color	Metallic black
Lock Body Type	Automatic mechanical detection lock body 6068
Lock Cylinder	C-level cylinder
Emergency Charging	Type-C
Working Power	5,000 mAh rechargeable Lithium batteries

Technical Specification

Unlocking Method	Face ID, fingerprint, passcode, mechanical key, Bluetooth key via EZVIZ App, temporary codes, remote unlock
User Capacity	50 pcs
Face ID	50 pcs
Fingerprint Capacity	50 sets
Passcode Capacity	50 pcs
Communication Methods	2.4GHz Wi-Fi, Bluetooth
Screen (not touch)	IPS 4-inch (480 × 800)
IP Grade	IP52
Front Panel Camera Resolution	1080 × 1960
Front Panel Camera Lens	view angle: 70° (Horizontal), 105° (Vertical), 132° (Diagonal)
IR Night Vision Distance	2 m


Storage	EMMC 8G, support EZVIZ Cloud
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 <small>* EZVIZ laboratory data</small>
Software Function	Anti-peeping code / low battery warning / privacy mode / user management/ real time notification / anti-test locking / anti-tamper alarm / remote control / video calling / change voice / wandering detection
Voice Control	Supports (Google assistant / Alexa (OTA))
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
- Lock Body Screw Bag
- Standard Screw Bag
- Handing Screw Bag
- Battery
- Battery Slot Cover
- Key Bag
- Square Rod
- Bumper Pad
- Sticker
- Regulatory Information
- Quick Start Guide × 2

Certifications

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

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