EZVIZ

EZVIZ DL50FVS
Face Recognition Smart Lock

# Next-level convenience smartly made touchless

The latest innovation in EZVIZ's smart entry category, the DL50FVS, is ready to revolutionize your front door with advanced 3D facial recognition technology and top-notch home security features. As a multi-purpose device that acts as a smart lock, security camera and video doorbell, it provides secure yet simple access to your home while offering added convenience and protection to enhance your quality of life.

Key Features

Face Recognition with Dual-Lens 3D Structured Light
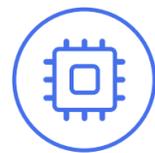
Built-In Security Chip for Local Processing

Multiple Unlock Methods

Remote EZVIZ App Controls & Alerts

Built-In Smart Door Viewer

4-Inch IPS Color Screen
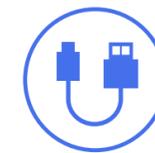
Live View with Two-Way Video Call

Up to 4 Months of Battery Life (5,000 mAh Rechargeable Lithium Battery)[1]

Safe Design Against Peeping & Forced Entry

Sturdy Lock Body with Anti-Tamper Alarm

Supports Emergency Power Supply

Touchless unlocking, securely powered by EZVIZ Technology

No more keys or cards dangling in your pocket. No more struggling to remember a complicated passcode. With the DL50FVS, gaining access to your home is now as easy as unlocking your phone.

Proudly powered by EZVIZ's self-developed facial recognition technology, the DL50FVS swiftly processes the detected facial images, and opens the door only for the right person.

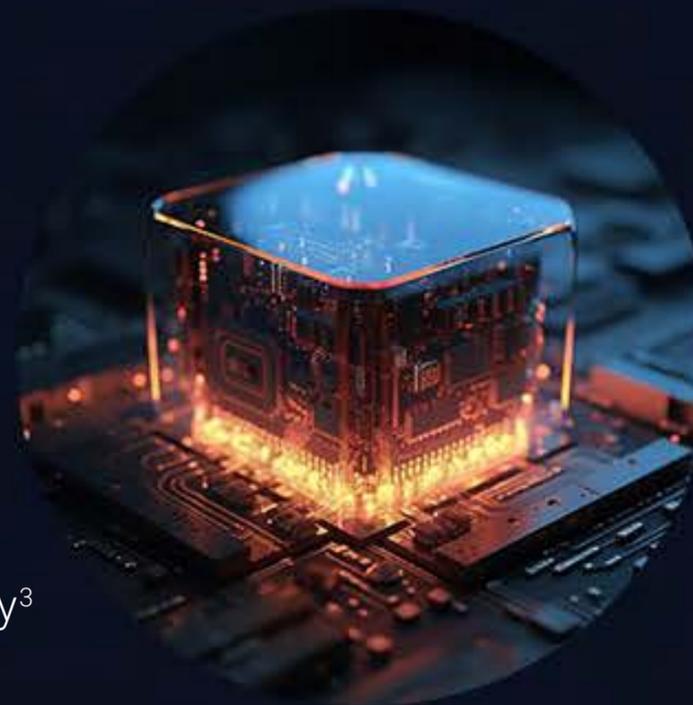### + 3D facial recognition

+ camera visual module

+ imaging algorithm

Speedy

High-performance AI chip and dual-core CPU to ensure fast facial identification in less than 1.5 second[2]

Smart

Smart recognition of only real human faces rather than photos/videos, despite makeup or angles

Secure

Strict data protection and local processing on the on-device AI chip to prioritize your privacy[3]

Easy

Extended detection height from 1.2 to 2 meters to provide convenience for kids, adults and seniors

Arriving home can be this easy for everyone

Whether you have your hands full after a day's shopping, or you have children who have accidentally locked themselves out and can barely remember the passcode, the DL50FVS lets everyone in the family in without a problem.

+ Supports OTA update for continuous improvement on detection capability

A smart doorman to see and respond

You no longer need to lean against the peephole to know who's outside. The DL50FVS works as a smart camera to notify you about a visitor even before they knock. A quick glance at the indoor color monitor is all it takes to understand what's happening. Or, you can use your phone to verify the visitor's identity even remotely.

Crisp
video quality

Ultra-wide
field of view

Two-way talk
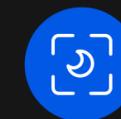*(with voice*
changer feature)

A reliable guard that works 24/7

Whenever people linger around your entrance area, the DL50FVS will notify you about such human motions via your mobile phone. Even late at night, the lock provides you with clear images. You can also check history motion videos stored on the device, in case you miss anything.

Radar human
presence sensor[4]

IR night vision
(up to 2 meters)

Built-in 8GB
storage space

User-friendly design, elegant style

The DL50FVS is a well-designed, versatile product that fits into any modern home with its high quality and elegant appearance. It ensures smooth, comfortable unlocking thanks to the unique, easy-to-grab handle. You can easily tilt the handle from whichever side you want to open the door, and don't have to worry about pinching your fingers on the door.

Enjoy much more flexible unlocking options

Recognizing the family isn't the only way the DL50FVS grants safe access. It has possibly one of the most flexible ways of unlocking.
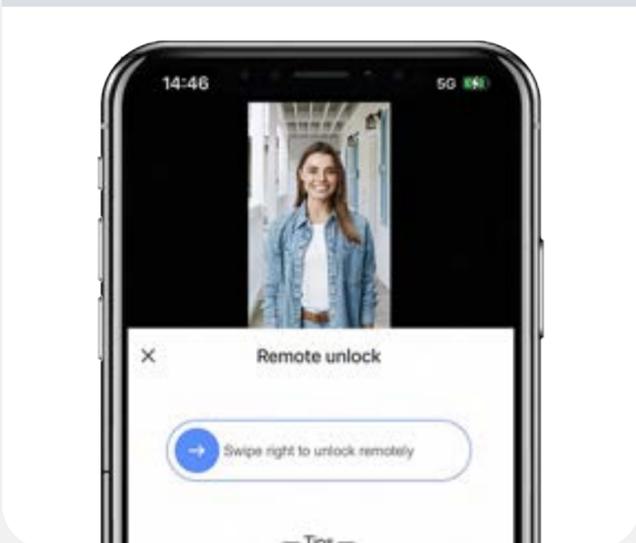

Face IDs

Fingerprints

Passcodes
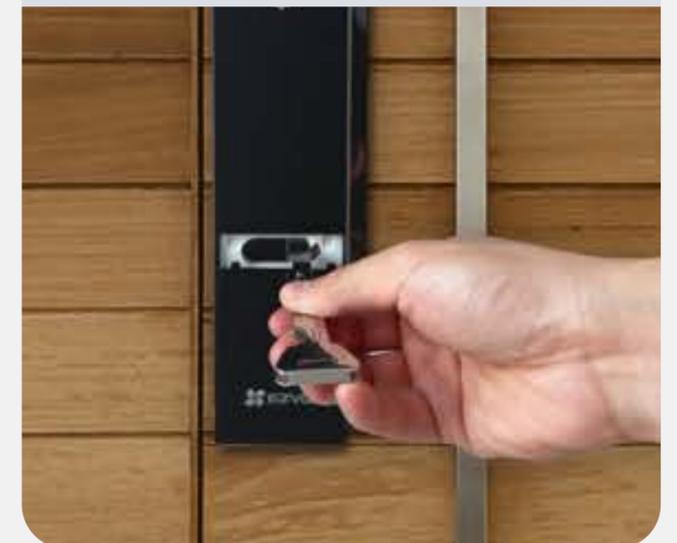

Temporary Visitor Codes

App Remote Unlock

Bluetooth Keys

Voice Controls (Available Soon)

Mechanical Emergency Keys

Easily assign and manage secure access

For family or friends who visit, you don't need to pass keys around or stay until they arrive. With the EZVIZ App, you can create permanent or time-limited access for the ones you trust with custom unlocking methods.
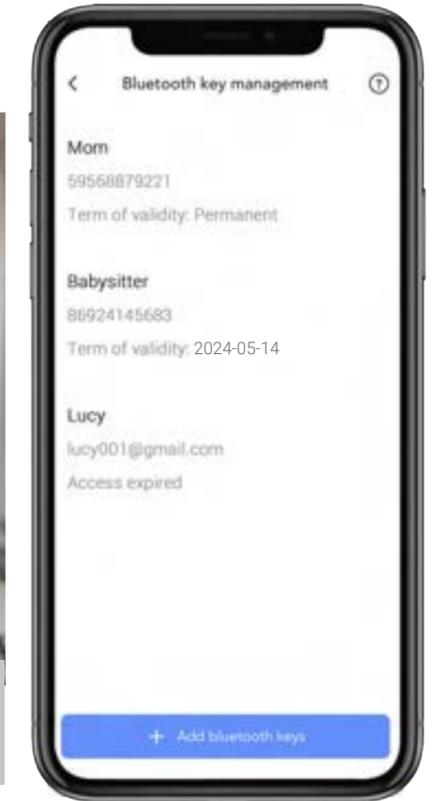
Family members
who visit on holidays

Close friends
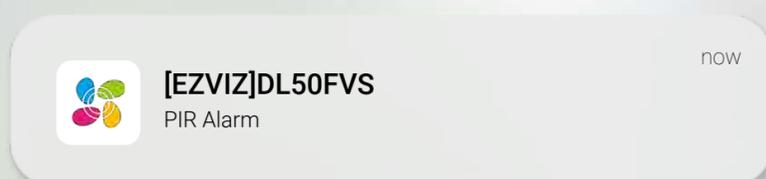who come by often

Babysitters or pet walkers
who walk in regularly

< Bluetooth key management ?

Mom
59568879221
Term of validity: Permanent

Babysitter
86924145683
Term of validity: 2024-05-14

Lucy
lucy001@gmail.com
Access expired

+ Add bluetooth keys

Extra peace of mind, all at your fingertips

Instant notifications on attempted unlocking

[EZVIZ]DL50FVS   now
Someone opens the door (Face ID)

Real-time detection alerts on people who linger

[EZVIZ]DL50FVS   now
PIR Alarm

07:51

< DL50FVS(...

96%   🛜
Battery   Wi-Fi

❄
Bluetooth

Live   Bluetooth   User   Temporary   Blueto...
       Unlock   Management   Passcode

Low-battery warning

[EZVIZ]DL50FVS   now
Low Battery Alarm

Anti-tamper alarm

[EZVIZ]DL50FVS   now
Tamper Alarm

Lock status & activity log check
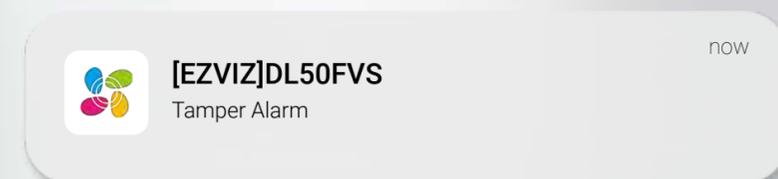
* For illustration purposes only.

Reliable power for a busy household

The DL50FVS works on a large built-in 5,000 battery
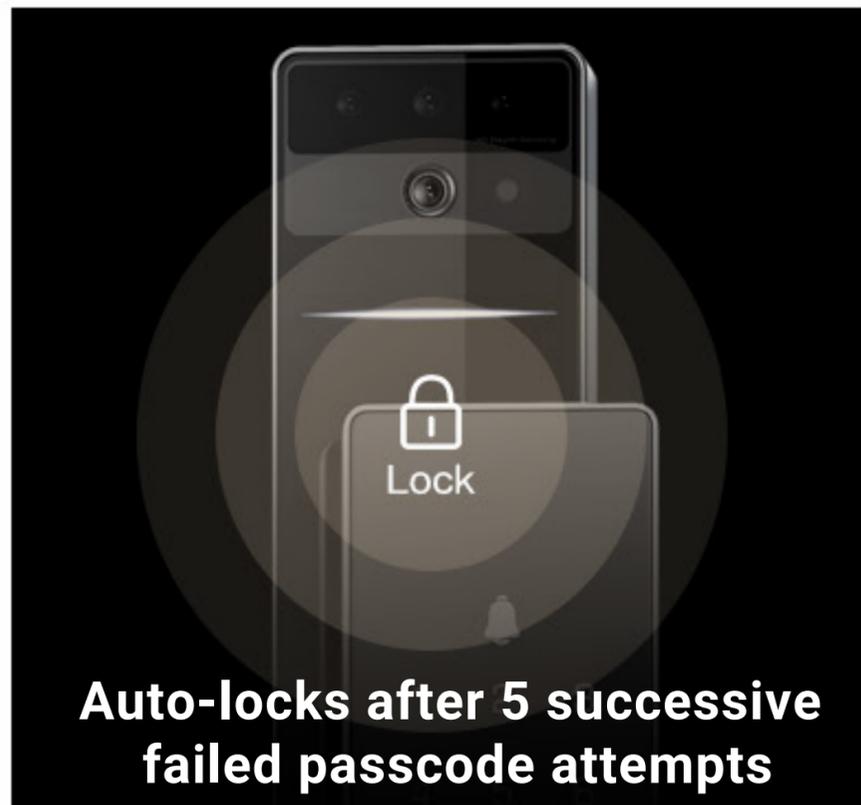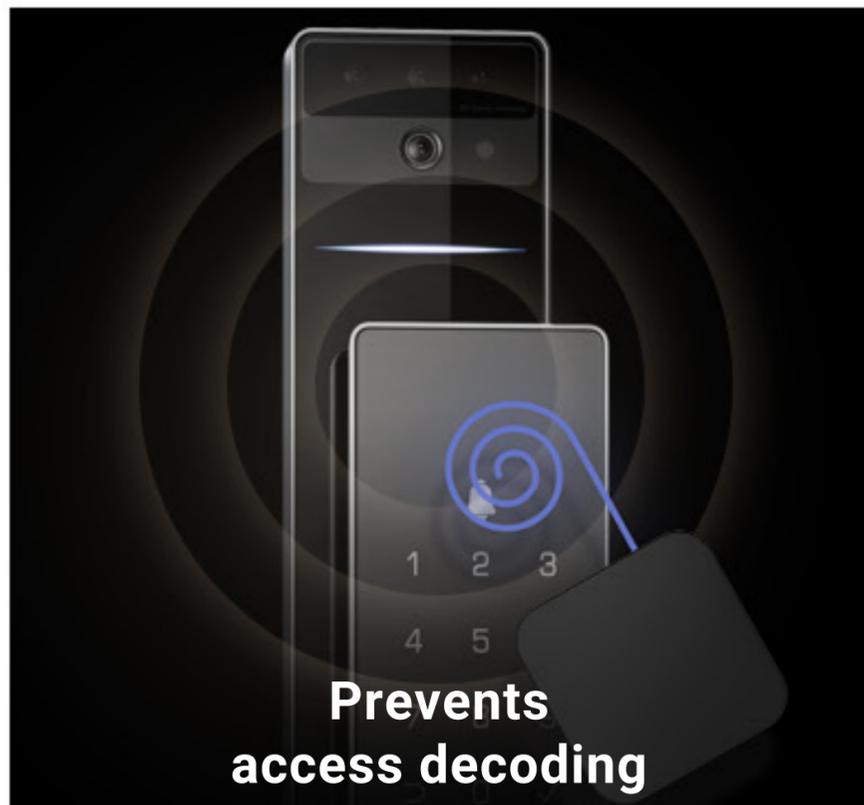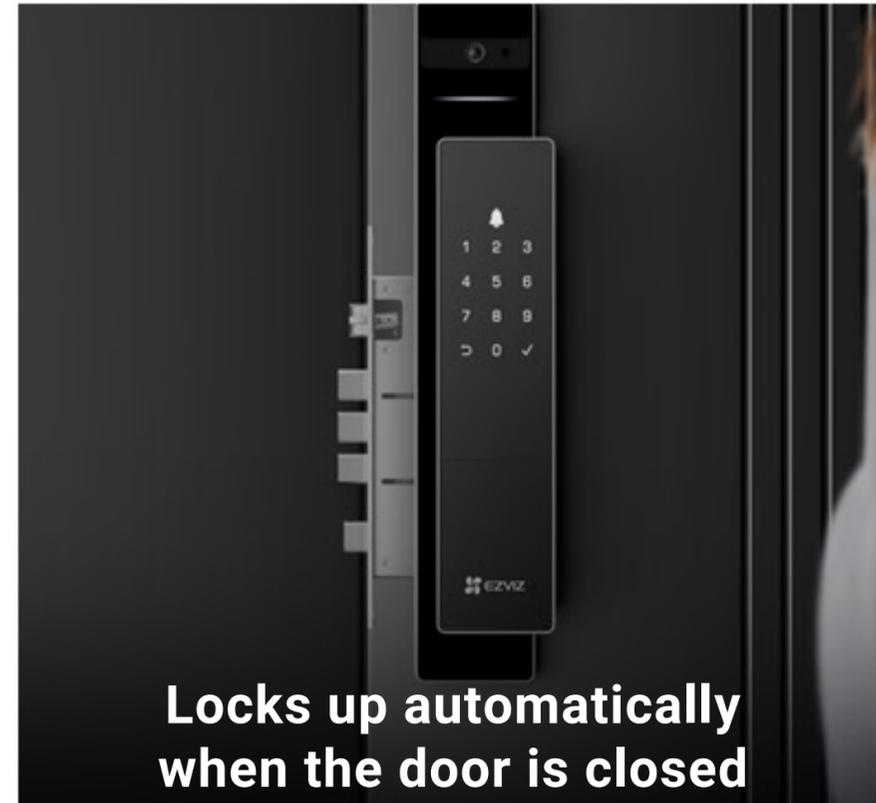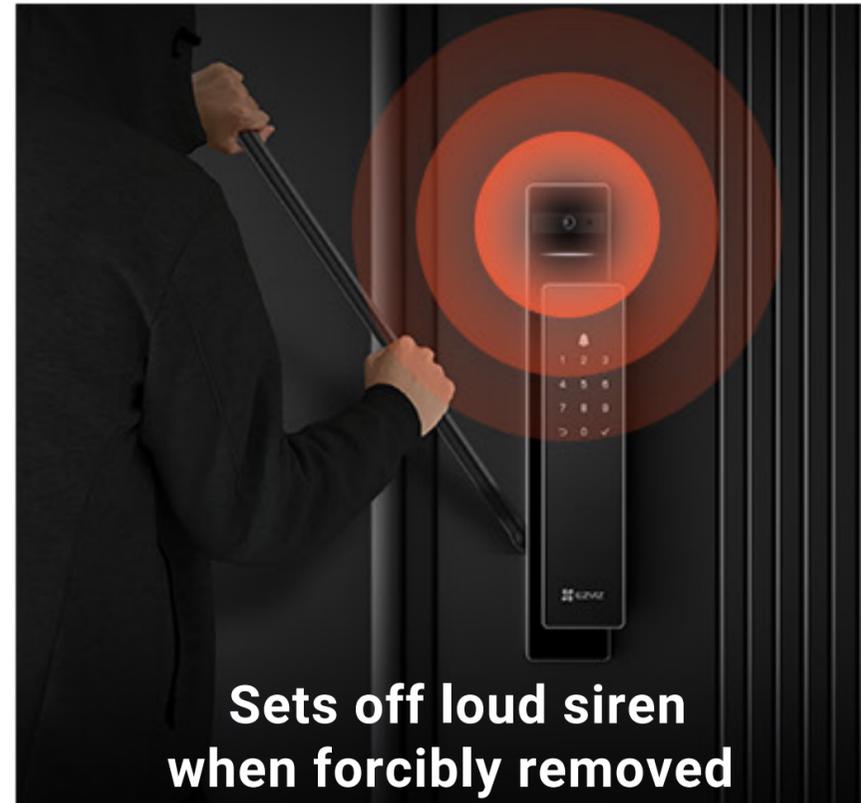to provide continuous protection to your home, so
you only need to recharge it about every four months[1].
In the extreme case of dead batteries, you can
connect it to a power bank for emergency unlocking.

⊞ EZVIZ

Type - C

Emergency Power Supply

We make it as safe as possible, at multiple levels

Uses C-grade anti-theft cylinder

Sets off loud siren when forcibly removed

Locks up automatically when the door is closed

Prevents access decoding

Lock

Auto-locks after 5 successive failed passcode attempts

Correct password

89425712 201397 8164329

Supports long, anti-peeping codes
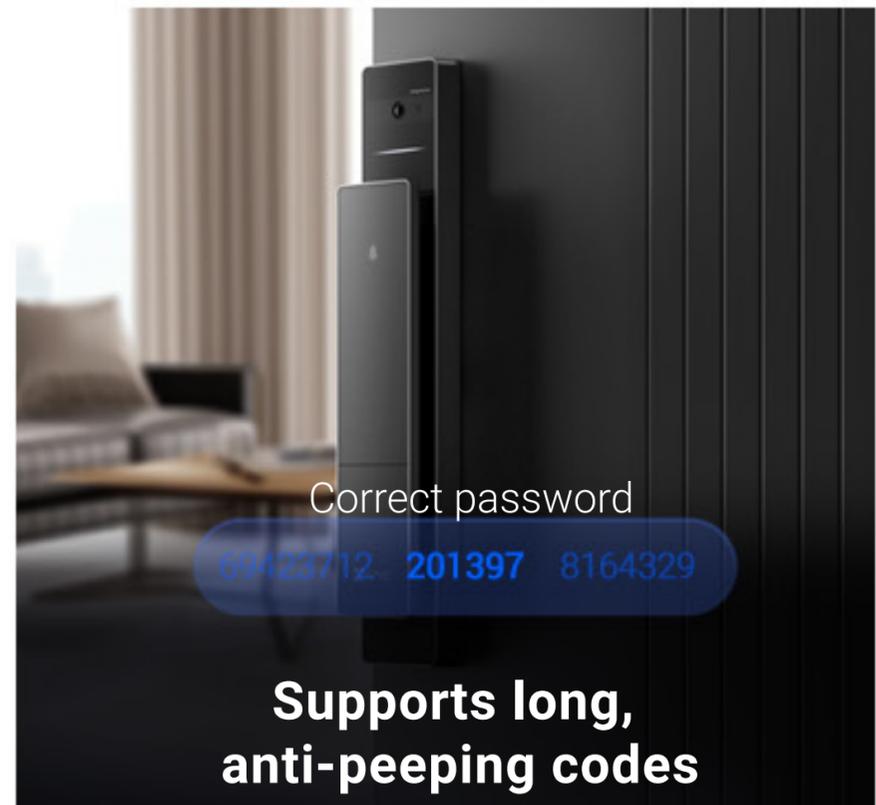
1 Data from EZVIZ Lab's test results under standard conditions, based on the usage of: approximately 10 successful unlocks with face IDs and 150 seconds of video viewing via the EZVIZ App. Actual use may vary due to environmental factors or frequency of opening/closing.

2 Data from EZVIZ Lab's testing results based on standard conditions. The actual recognition speed may vary due to environmental factors.

3 The DL50FVS does not store the original images of human faces. It only stores the processed images of facial models locally on the device.

4 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.

Specifications CS-DL50FVS

Material and Specification

Panel Material	Aluminum alloy
Panel Size	Front panel: 400 × 72 × 22.5 mm , Rear panel: 400 × 72 × 30.5 mm
Color	Metallic Grey
Lock Body Type	Automatic Mechanical Detection lock body
Lock Cylinder	C-level cylinder
Emergency Charging	Type-C
Working Power	5000mAh 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
Fingerprint Capacity	50 pcs
Passcode Capacity	50 sets
Face ID	50 pcs
Communication Methods	2.4GHz Wi-Fi, Bluetooth
Screen (Not touchable）	IPS / 4 inch
IP Grade	IP54
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, voice changer, wandering detection
Supported Door Thickness	6068: 40-120 mm; 5085: 40-100 mm
Working Temperature	-10°C~55°C
Operating Humidity	10%~95%

In the box

- Front Panel

- Rear Panel

- Hole Templet

- Lock Body

- Lock Body Screw Bag

- Standard Screw Bag

- Battery

- Key Bag

- Square Rod

- Stickers

- Regulatory Information

- Quick Start Guide

Certifications

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