

Z4500 Palm Vein & Face Recognition Automation Lock

Z4500









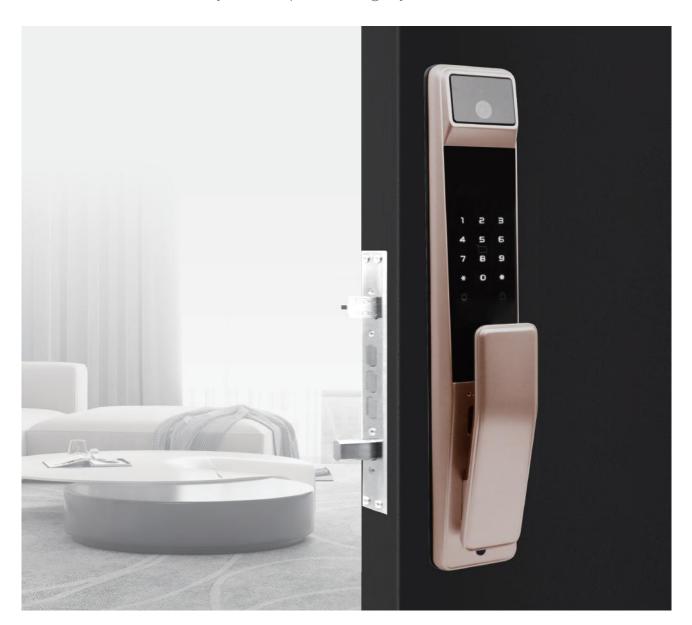






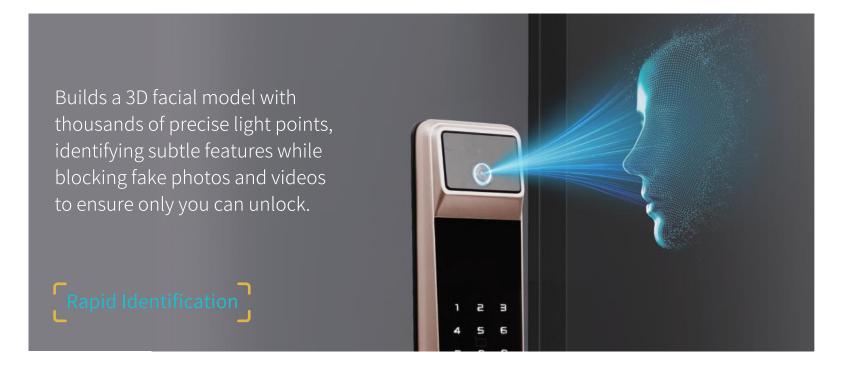
Product Overview

The Z4500 features a futuristic design that blends seamlessly with modern spaces. Equipped with 3D face recognition, palm vein authentication, and a touchscreen keypad, it offers advanced security and intuitive access. Supporting Bluetooth connectivity and app-based local management, the Z4500 is ideal for smart homes and luxury offices prioritizing style, innovation, and convenience.



Key Features

3D Face Recognition



Palm Vein Recognition

Leverages unique palm vein patterns for secure unlocking, unaffected by fingerprints or skin color differences, offering unparalleled safety.







Decoy Password Feature

Allows random digits before or after the real password to prevent prying, enhancing password security.

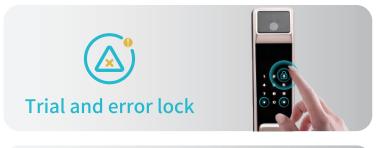


Anti-Pulse Attack



Local alarm

Locks the device and triggers an alarm after multiple failed attempts, preventing brute-force attacks and enhancing security.







Technical Specifications

Unlocking Modes	Palm vein /3D face/PIN code/NFC Optional (Support Dual Verification)
Palm Vein Capacity	100 groups
3D Face Capacity	100 groups
PIN Code Capacity	100 groups
Wireless Standards	Bluetooth
Power Supply	Lithium battery 7.4V /5000mAh
Battery Life	Lithium battery: 12 months (unlocking 10 times a day)
Emergency Power	Type-C port for emergency charging
Material	Aluminum alloy
Working Temperature	-20°C~55°C
Door Category	Wood, Composite, metal, Anti-Burglary Door
Door Thickness	50mm–120mm
Product Size	Front panel: 370*72*25mm Rear panel: 370*72*25mm

Package Contents

- 1 x Smart Lock Front Panel
- 1 x Rear Panel
- 1 x Lock Body (Size as per model)
- 2 x Mechanical key

- 1 x Installation Toolkit
- 1 x Type-C Emergency Cable
- 1 x Quick installation Guide

