ZKTeco

HBL400

Multi-Biometric Wi-Fi Smart Digital Lock

3D Structured Light Facial Recognition	Auto Opening and Closing	Remote Control	Fingerprint	Random Passcode	Doorbell

Introduction

HBL400 is designed as a multi-biometric automatic video smart lock. It could unlock and lock itself. It is compatible with USmart Go, an application designed for home automation. Users could enjoy remote control and online real-time monitoring when connecting the smart lock to the Wi-Fi network.

What's more, HBL400 is an intelligent door lock powered by 3D Structured Light facial recognition technology, offering more accurate performance than infrared and visible light facial recognition technology. It works well during daylight and low-light environments. When the house owner returns, the lock will quickly extract their face data, then instantly calculate and compare the acquired information with the template stored in the smart lock. If the data matches, the smart lock will unlock automatically.
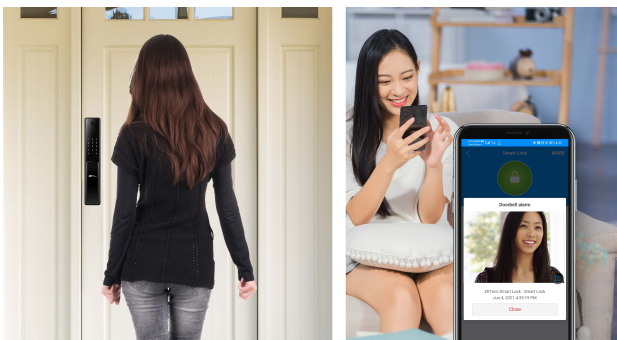
Scenarios

Automatic locking and unlocking after verification

Real-time monitoring from the indoor

When someone presses the doorbell outside, the owner could take a look at the person through the app

Remotely unlock using the app

Features

• Auto opening and closing according to personalization settings
• An OLED screen for monitoring the outdoor situation inside the house
• Compatible with USmart Go; remote control and real-time monitoring online through Wi-Fi
• 3D structured light facial recognition, quick verification and quick unlock
• A hidden fingerprint semi-conductor installed behind the outdoor handle unit with ergonomics and anti-collision design
• No need to deploy an additional doorbell
• Class C cylinder protection; even the outdoor unit of the lock is damaged, your home is still safe

Specifications

Material	Aluminum Alloy and Tempered Glass
Capacity	IC S50 Card: 50 Face: 50 Fingerprint: 100 Password: 50 Administrator: 5
Power Supply	4,200mA; lithium battery
Emergency Interface	Micro USB 5V
Mortise Type	Chinese standard mortise (6068)
MCBF	>100,000
Communication	Wi-Fi
Static Current	<80uA
Working Temperature	-25°C to 75°C
Working Humidity	20% RH to 90% RH
Induction Distance	50cm to 100cm
Recognition Speed	1.25 seconds
Random Password	Supports
Doorbell	Supports
Retrieving Unlocking Records Online	Supports
Application	Duplexes, townhouses, apartments, condos, and other residential areas
Door Thickness (mm)	45 to 60 (customizable)
Dimensions (mm)	Outdoor unit: 400*74*23 Indoor unit: 400*74*24

Dimensions (mm)