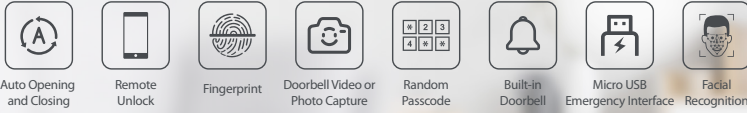


## HBL400

Wi-Fi Enabled Digital Lock  
3D Structured Light Facial Recognition  
with a Built-in Doorbell and LCD Screen



Compatible With  
**ZSmart App**



### Introduction

HBL400 is a multi-biometric, fully automatic smart lock with a built-in indoor monitoring screen. This smart lock can unlock through facial recognition, smartphone fingerprint, IC card and pin code password. Also, HBL400 will lock the door, when users open the door with a smartphone. HBL400 is compatible with ZSmart, an application designed for home automation.

### Scenarios



Automatic locking and unlocking after verification



Watch outdoor environment on LCD screen



When someone requests remote unlock outside, the owner could take a look at the person through ZSmart App, and unlock for them via the App



When there is a break-in or incorrect password input for 5 times, the intrusion alarm system will be triggered

## Features



### 3D Structured Light Facial Recognition

3D Structured Light Facial Recognition  
Quick verification and unlock



### Temporary Access

Share digital keys valid for specific time to friends or guests



### Supports Remote Mobile App

Unlock and manage the lock from anywhere



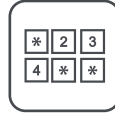
### Wi-Fi Communication

Ensure a fast and stable by Wi-Fi IEEE 802.11b/g/n (2.4GHz Wi-Fi)



### Audio Instructions

User-friendly audio prompts, support English and Spanish



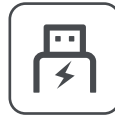
### Random Passcode

Add random digits to protect your passcode from prying eyes



### Capacitive Fingerprint Sensor

Fast verification for dry and rough fingers



### Emergency Charging Port

Charging via the micro-USB port



### Smart Alerts

Receive real-time notifications of low battery, hijack and offline



### Built-in Doorbell

Built-in electronic doorbell  
Need not deploy a physical doorbell



### Lock Automatically

The deadbolt will protrude when you close the door immediately, no extra action required



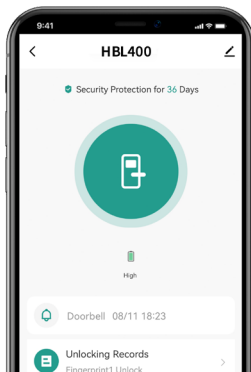
### Capture Photos / Videos

Capture photos/videos and save in TF card (support max. 128 GB), who requests remote unlock or press the doorbell

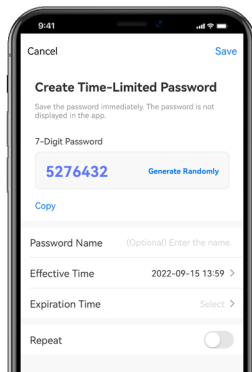
## Mobile Application



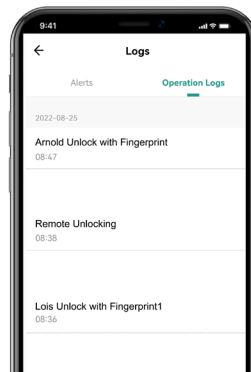
## ZSmart App



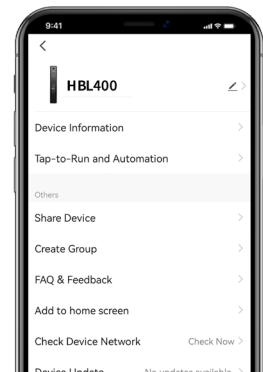
App Control



Share Temporary Password



Check Records



Lock Setup

## Specifications

<b>Material</b>	Aluminium Alloy and Tempered Glass
<b>Capacity</b>	Face: 50 IC S50 Card: 50 Fingerprint: 100 Password: 50
<b>Events Log</b>	Access events records by ZSmart APP Doorbell calling history; Wrong Password Alert; Remote unlocking history (Free cloud storage for 6 months)
<b>Face Recognition Technology</b>	3D Structured Light Facial Recognition
<b>Communication</b>	IEEE 802.11b/g/n (2.4GHz Wi-Fi)
<b>Facial Recognition Speed</b>	<1s
<b>Facial Recognition Distance</b>	0.5m to 1m
<b>Supported Application</b>	ZSmart App
<b>Video Camera</b>	1280*720 pixel
<b>Display LCD Screen</b>	3.5 inch, 640*480 pixel
<b>Power Supply</b>	4,200mA; lithium battery
<b>Emergency Interface</b>	Micro USB 5V
<b>Mortise Type</b>	Chinese standard mortise (6068)
<b>MCBF</b>	>100,000
<b>Door Thickness</b>	45mm to 60mm (customizable)
<b>Static Current</b>	<80uA
<b>Operating Temperature</b>	-25°C to 75°C
<b>Operating Humidity</b>	20% to 90%RH (Non-condensing)
<b>Random Password</b>	Supports
<b>Doorbell</b>	Supports
<b>Audio Prompts</b>	English and Spanish
<b>TF Card Slot</b>	Maximum 128 GB
<b>Application Scenarios</b>	Duplexes, townhouses, apartments, condos, and residential buildings
<b>Dimensions</b>	Outdoor unit: 400*74*23mm (L*W*H) Indoor unit: 400*74*34.8mm (L*W*H)

## Dimensions (mm)

