ZKTeco

SL03-T420H

Zigbee Digital Lever Mortise Lock

Passcode

Card

Mobile HTML5 Links

Key

Compatible with

SmartLock

ZKBio CVSecurity

Introduction

SL03-T420H is a ZigBee digital lever mortise lock specially designed for the apartment scenarios. In this new generation of smart lock products, ZKTeco's T4 smart lock series bring a modern and distinctive family-style industry design, combining an aluminum alloy housing and a 2.5D tempered glass panel.

To ensure robust physical security, the standard mortise lock is designed with an anti-card auxiliary latch and a deadbolt. Users can easily lift the handle to lock the door from inside or outside. Additionally, the door lock is equipped with a built-in detector, enabling the tamper-alarm function for enhanced protection.

Powered by the reliable Zigbee technology, the door lock can be remotely controlled and monitored in real time, significantly improving management and maintenance efficiency. More importantly, the Zigbee technology shows a better performance in terms of low power consumption, stable network connectivity and cyber security.

SL03-T420H will be an ideal choice for apartments, dormitories and short-term rentals, offering a more reliable, secure and convenient lifestyle.

Features

Remote Management
Remotely control the devices and monitor their status in real-time

Secure Mortise Design
Designed with an anti-card auxiliary latch and a deadbolt

Smart Event Alarms
Supports low battery, tamper and continuous authentication error alarms

Long Battery Life
Last for more than 2.5 years thanks to the reliable Zigbee technology

Full Firmware OTA
Supports the firmware upgrades for easier after-sales maintenance

USB Type-C Interface
Equipped with a commonly used Type-C emergency power interface

Specifications

Material	Housing Material	Aluminum Alloy
	Front Panel	Tempered Glass (2.5D edge processing) Touch keypad (12 digits)
	Color Options	Matt Black, Space Gray
Mortise Lock	Type	European Standard
	Backset	55 mm
	Axe Distance	72 mm
	Square Spindle	7.8 mm
	Faceplate (H×W)	24×235 mm; squared standard
Technical	Unlocking Methods	Passcode (dynamic/ periodic) ; Card (IC/ NFC) ; Mobile HTML5 Links ; Mechanical Key.
	Capacity	User: 100; Passcode: 100; Card: 100; Local Records: 500
	Card Reader	IC Card @13.56 MHz; NFC Supported (ISO/IEC 14443A)
	Audio Prompt Language	English, Spanish
	Indicator	Green (access granted) ; Red (Verification failed); Blue (OTA update); White Light (Keypad backlight).
	Wireless Communication	Zigbee 3.0 (IEEE 802.15.4)
	Emergency Power	USB Type-C Interface, DC 5V
	Power Supply	8 x AA Alkaline Batteries (Not Provided)
	Battery Life	approximately 2.5 years
	Supported Software	ZKBio CVSecurity SmartLock
Door Compatibility	Door Type	Wooden Swing Door
	Door Thickness	35 to 60 mm (standard)
	Opening Direction	All Direction (reversible lever design)
General	Net Weight	2.5 kg
	Gross Weight	3.0 kg
	Product Dimensions (H×W×T)	Exterior: 330.9×75.2×25.3 mm; Interior: 330.9×75.2×24.5 mm. (∗ Lever not included)
	Package Dimensions (L×W×H)	225.0×130.0×430.0 mm
	Operating Temperature	-20°C to 55°C (-4°F to 131°F)
	Operating Humidity	10% to 90% RH (Non-condensing)
	Certifications	CE, FCC
Standard Functions		Unlock, Temporary Passcode (dynamic, periodic), Anti-Peeping Codes (up to 20 digits), Passage Mode, Tamper Alarm, Low Battery Alarm, Continuous Authentication Error Alarm, Firmware OTA
Package Contents		Exterior Assembly, Interior Assembly, Mortise Kit, IC Card * 2, Mechanical Key * 2, Studs & Screws Kit, Installation Template, Installation Guide

Applicable Scenarios

Apartments

Dormitory

Short-term Rentals

Dimensions (mm)