

Smart Residential Lock

TD-X2-B



Palm Vein Recognition



Facial Recognition



Fingerprint



Password



IC card



Mechanical Key



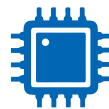
Emergency Power Port



HD Camera



Screen Display



Semiconductor Fingerprint Sensor



Aluminum Alloy Material



Tuya Smart App

Product Introduction

Unlock Methods

Fingerprint, IC card, Password, Face, Palm vein, Mechanicalkey, Combination verification, Tuya App, Temporary Password.

HD Camera

Integrated high-definition camera enhances security with facial recognition capabilities.

App Integration

Seamlessly connects to the Tuya Smart App for remote control and unlocking.

Material

Built with durable materials, this lock features an aluminum alloy body with a baking paint finish and IMD coating, providing both longevity and wear resistance.

Screen Display

Equipped with a 4.5" IPS screen, providing an intuitive user interface and clear visual feedback.

Palm Vein Recognition

Utilizes advanced palm vein sensors for highly secure identity verification, offering the convenience of unlocking with a simple hand wave.

Parameter Function

Unlock Method	Fingerprint, IC card, Password, Face, Palm vein, Mechanicalkey, Combination verification, Tuya App, Temporary Password.
Lock Dimension	Front Panel: 405x73x50mm, Rear Panel: 413x76x73mm
Material	CNC Engraved Aluminum + Tempered Glass Panel
Emergency Lock Cylinder	Grade C Lock Cylinder
Battery	4200mAh Lithium Battery
Security Emergency Solution	Mechanical Key + Emergency Power Supply
Emergency Power Supply	5V Type-C USB Port
Fingerprint Collector	Semiconductor Fingerprint Recognition
Fingerprint Recognition Time	≤0.5 Seconds
Administrators	3 Sets
General Users	297 Sets (Fingerprint, Password, Card)
Static Current	≤120μA
Facial Recognition Capacity	50 Sets
Operating Temperature	-25°C to 70°C
Dynamic Current	≤4A
Facial Recognition Configuration	2MP Night Vision Camera, 4.5-inch Large IPS Screen
Color	Black

Product Size



Product Components



Packing List

