

TD-F2-B

Smart Tuya Deadbolt Lock



Fingerprint



IC Card



PIN Code



Dynamic Password



Mechanical Key



Emergency Power Port



Tuya APP



Zinc Alloy Panel



Low Voltage Alarm



Product Features

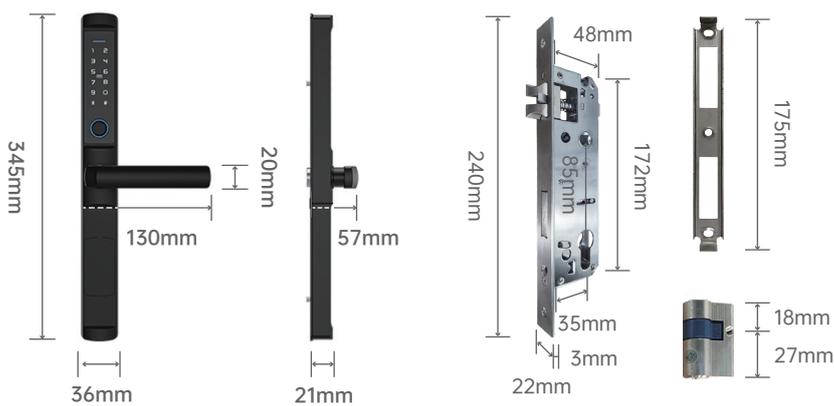
- Diverse Access: uses IC card, fingerprint, PIN, dynamic password, mechanical key, or remote control.
- Compact Design: slim profile 36x345x21mm.
- Top Security: fast semiconductor fingerprint recognition with minimal errors ($\leq 0.0001\%$). Double-locking function.
- Ample User Control: manage 9 administrators and store 300 Card/Fingerprint/PIN records.
- User-Friendly: includes human voice, 12-bit touch keypad, Tuya APP connectivity, low voltage alert, and quick ≤ 1 -second unlocking.
- Power Options: 4 AAA Battery-powered, with emergency power port.

Product Specifications

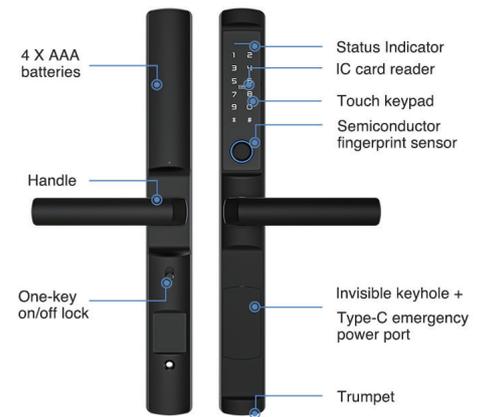
Unlock Method	IC Card, Fingerprint, PIN, Dynamic Password, Key, Remote control
Lock Dimension	36x345x21mm
Material	Zinc alloy panel, black nickle treatment
Supported Lock Mortise Size	single-point: 3085, 3585, 4085, 4585, 6085; multi-point: 3085, 3585, 4085, 4585; single-point double hook: 3085, 3585; multi-point double-hook: 3085, 3585;
Administrators Capacity	9
Card & Fingerprint & PIN Capacity	Total 300 records
Password Length	4~8 digits
Phantom Password	32 digits
Fingerprint Sensor	Semiconductor
Fingerprint Contrast time	≤ 0.6 Second
Fingerprint Identification Angle	360°

False Rejection Rate	≅ 0.1%
False Recognition Rate	≅ 0.0001%
Reaction Time	≅ 0.1 Second
Battery	4pcs AAA alkaline batteries
Power	DC 6V
Emergency Power	DC 5V
Static Current	≅ 50uA
Dynamic Current	≅ 200mA
Working Temperature	-20°C~60°Cv
Working Relative Humidity	20%~90%RH
Voice Assistant	Yes
Keypad	Standard 12-bit touch keypad
Low Voltage Alarm	4.6+0.2V
Unlock Time	≅ 1 Second
Tested Service Life	300,000 times
Connect to Tuya APP	Wifi
Double-Locking	Yes

Product Size



Product Components



Packing List



Smart lock



Key & IC card



Lock body & Door buckle

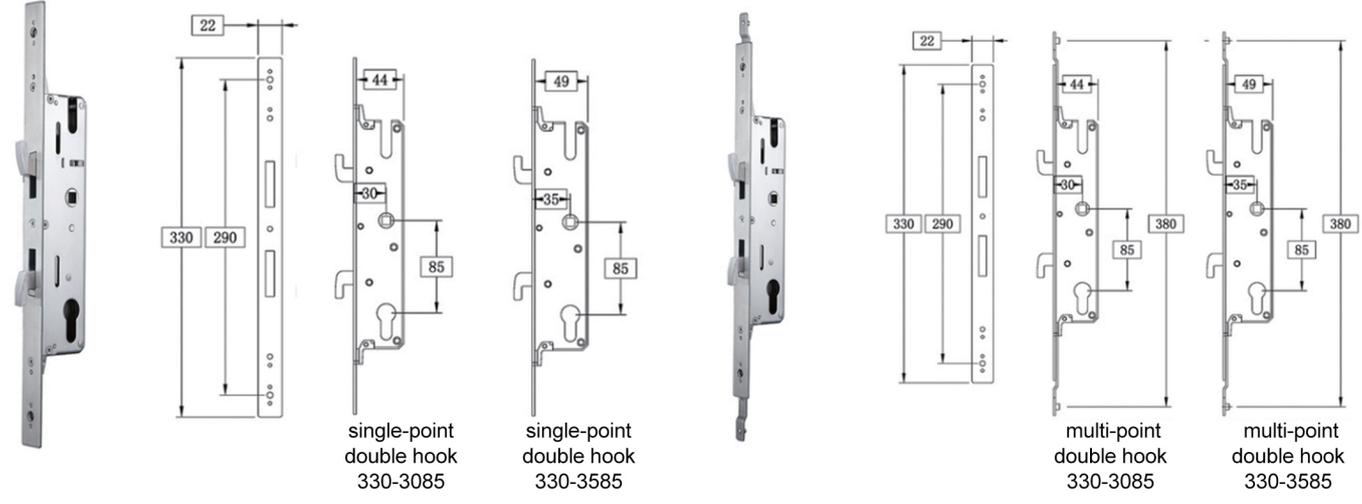
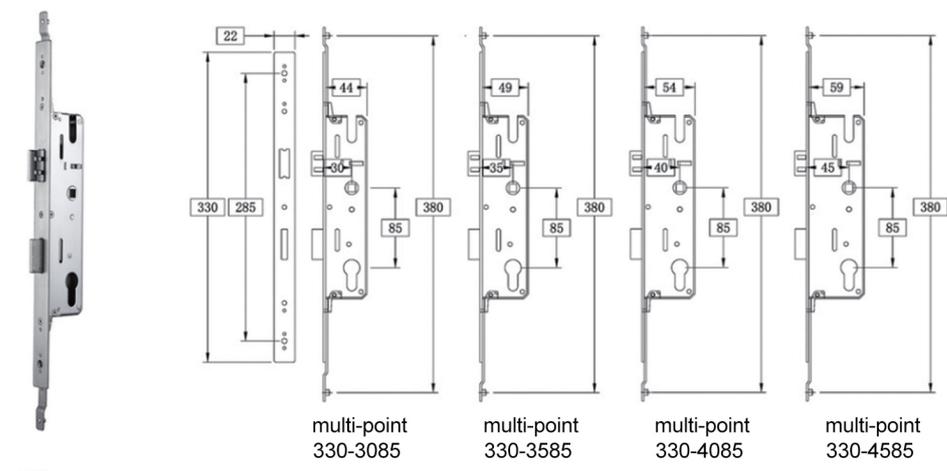
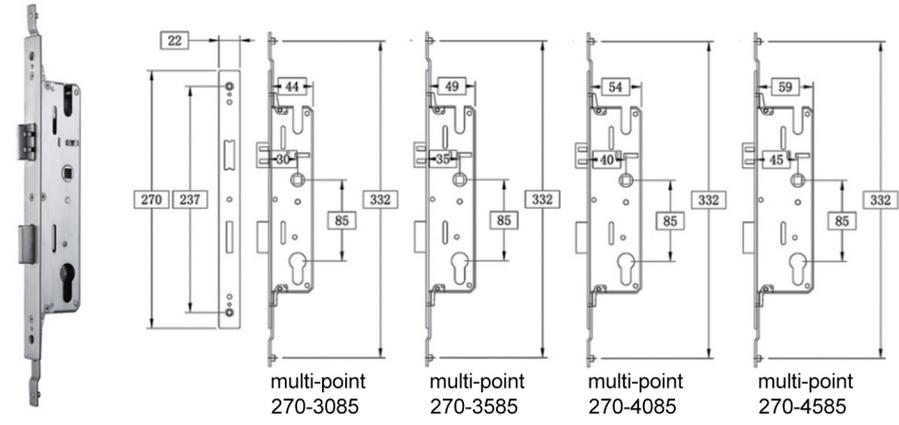
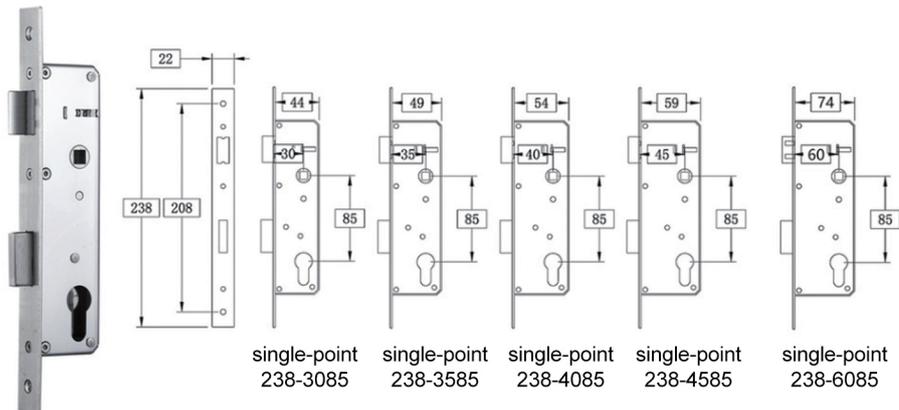


Square column & Screws & Casing



User manual

Supported Lock Mortise



Website: <http://www.trudian.com/en>
 Address: Farbell Technology Park, Yixian Road, Nanlang, Cuiheng New District, Zhongshan City, Guangdong Province, China. Zip Code: 528451
 Phone: +86-0760-23689666
 Email: sales@trudian.net

