Locstar®

SMART LOCK CATALOGUE

Welcome to Locstar Technology company.

Locstar founded since 1998, we have been in smart lock industry for more than 20 years, we are original OEM/ODM manufacture, we offer both products and solutions to hotels, apartment, offices, facilities and leisure facilities at domestic and oversea market with goods Compatibility by our PMS interface with Opera Fidelio and other popular PMS..

Locstar is located at LongGang, Shenzhen with 10,000M² production base. We wish to produce the most reliable lock to clients, and with this wish, we have developed a complete and mature production line, including the R&D, molding, punching, dieing, assembling testing and logistics.

Allied with 300 intelligent employees, and our department of R&D, production, marketing and after-sale center, we can secure customer and overall satisfication purchase experience.

Our products and systems are widely used in guesthouses, hotels, flats and office intelligent estates, and the quality and service of our firm are widely acknowledged by our users. For dependable and safety performance with low cost, LOCSTAR series of products are very popular with domestic markets. Especially, our locks pass ISO, BHMA, SIRIM, CE, FCC, SASO, SONCAP certificates, and have been exported to the worldwide countries for many years. We may say should you favor us with inquiries for specific requirements (such as detailed types, quantity, and destination). We are in a position to supply you with the first class products at competitive price.

You can trust on us, Sincerely look forward to win-win cooperation with your!

Mould

Testing

Assembly line

Quality inspection

Quality inspection

Delivery

CERTIFICATE

IECQ	ISO 9001	ISO 14001	ISO 45001
UL	FCC	RoHS	CE-RED
CE-LVD	CE-VOC	IP65	Z-Wave

HISTORY

1998
Locstar company established and developed 1st magnetic IC card hotel lock

1999
Developed the 1st RFid card lock & applied it in a 4 star hotel

2001
Be granted as Shenzhen Hi-Tech company

2004
ISO9001 approved

2005
Developed the 1st campus lock and applied it in Zhejiang University

2006
Developed the 1st fingerprint lock using Swedish FPC semi-conduct fingerprint module

2007
Start cooperation with famous Chain Hotels - Motel, Jinjiang Inn etc.

2008
Moved to self-owned Locstar manufacturing plant

2009
Be granted as National Hi-Tech company by government

2010
Developed the 1st network campus lock, and gained the National Innovation Funds

2011
Start cooperation with famous Chain Hotel: Home Inn, and upgraded all its hotels to All-In-One card system

2012
Launched the network locks for campus, hotel, and became the biggest supplier for campus lock in domestic market

2013
Developed the Z-wave lock and home-automation system, the project gained National Innovation Funds

2014
Launched high-end hotel lock & lock management system specially for 5 star hotel

2015
The first zwave smart lock used in Xiangtan University. The entrance records can be checked timely, it's easy and convenient for students' management.

2016
The first zwave smart lock used in Xiangtan University. The entrance records can be checked timely, it's easy and convenient for students' management.

2017
Developed our own zwave gateway with home automation system app Locstar Auto +

2018
Moved to self-owned Locstar manufacturing plant

2019
Be granted as National Hi-Tech company by government

2020
Developed the 1st network campus lock, and gained the National Innovation Funds

HOME SMART LOCK

Your smart phone is
now your key.

TTLock APP   Powered by tuya Intelligence Inside   TTHotel APP   ZWAVE

| Fingerprint | Card | Password | Key | WiFi | Bluetooth | APP |

TUYA LOCK SYSTEM
Gateway Zigbee /Wifi for different scenes

WiFi

Powered by
tuya
Intelligence Inside

Cloud

Could service deployment
Mainland China:Alibaba Tencent
Global:Amazon Microsoft

Zigbee(chose)

TuyaSmart or Smart Life app is free and features APP, convenient control, abundant scenarios, powerful functions, and global applicability. The app is compatible with different smart device types and brands. It has Android and iOS versions for you to control home appliances remotely.

Easily network matching: With the leading-edge Pegasus connection technology, the TuyaSmart or Smart Life app can automatically detect new devices and quickly pair with them.

Convinient to work with other tuya home smart device- It supports one-tap execution of combined automation smart scenes, and linkage between scenes and devices to enable interactions and interconnections between products.

Support Amazon Alexa / Google home: It allows users to use third-party platforms such as Amazon Echo and Google Home to voice control devices. Permission management and device sharing ensure security.

To sum up, the TuyaSmart or Smart Life app enables global users to easily control smart devices and learn home appliance status in real time.

TTLOCK SYSTEM
Gateway Bluetooth for different scenes

TTLock APP

WiFi

Gateway

Cloud
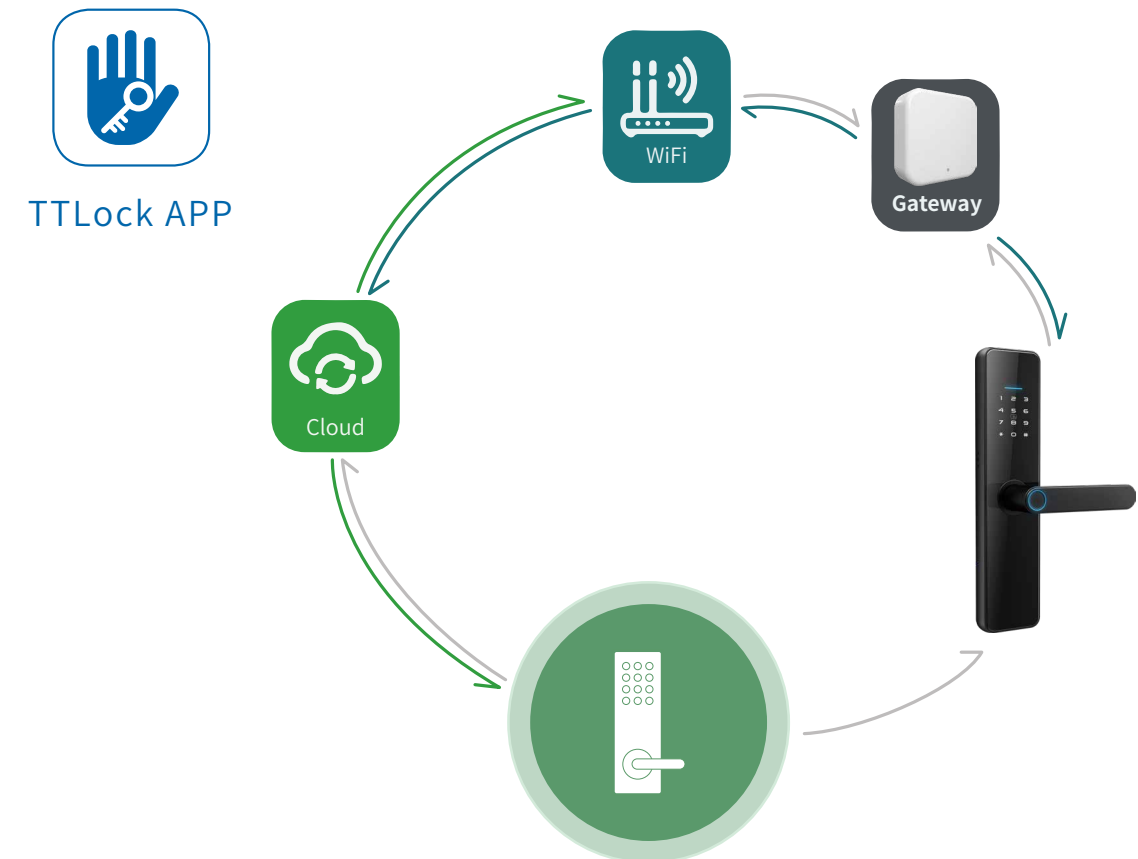
TT Lock App is a management software for smart lock . This APP can be used to manage various types of smart locks, including door locks, parking locks, safe locks, bicycle locks, and so on. The App and the lock communicate via Bluetooth to unlock, lock, hardware upgrade, read operation record, etc. on the App. The Bluetooth key can also help open the door lock through the AI watch.Currently, the App supports Simplified Chinese, Traditional Chinese, English, Spanish, French, German, Italian, Russian, Portuguese, Serbian, Malay, Japanese, Vietnamese.

Unlimited eKeys: Grant or Revoke Access with our Patented Online Cloud based eKeys. eKeys can be Time/Period Based, Permanent, One Time, Cyclic or Customised.

Convinient Password : Grant Access via Intelligent Passcodes from Anywhere in the World in Realtime without the need of Internet/WiFi/GSM, Passcodes can be Time Based, Cyclic, One Time, Permanent or Customised.

Free Checking Record by APP: Review Access Logs in Chronological order, Receive UNLOCK Notifications instantly.

Multiple Unlocking: Manage eKeys, Passcodes, Fingerprints, IC Cards all from within our APP.

‖ Moudle No.: LS-C87

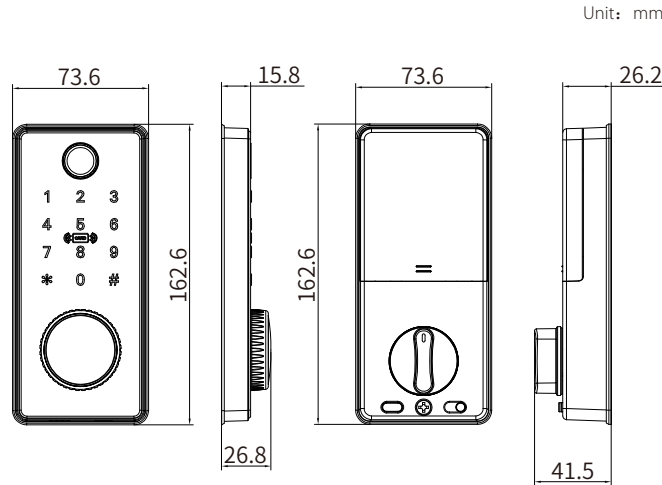| Fingerprint | Card | Password | Key | Bluetooth | APP |
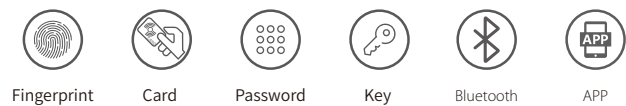
TTLock APP

Colour:

Silver Black

Technical parameter

- 6 ways to unlock: TTLOCK BLE APP, Fingerprint, Pass Code, Card, Mechanical Key Unlock;
- Convenient APP management system, you can manage your smart lock anytime and anywhere;
- You can manage a large number of locks with just one phone;
- Multi-level administrator settings to help you better manage your smart buildings;
- Query unlock records anytime and anywhere, the first time to know your home security;
- The compact size fits all wooden doors and metal doors;
- FPC fingerprint reader gives you the best security experience ;
- Emergency powersupply in case of lost power;
- We can customize production according to your requirements,OEM/ODM;

Technical parameter

Bluetooth standard	Bluetooth 4.1ble	Key type	Capacitive touch button
Supported mobile phone	Android 4.3 / IOS 7.0 or above	IC cards Capacity	Mifare M1 card 200
Power supply mode	4 alkaline dry batteries	Unlocking Ways	App, password, fingerprint, IC card, mechanical key
Low voltage alarm	4.8V	Fingerprint head type	Semiconductor fingerprint head
Voltage range	4.5~6V	Fingerprint capacity	120 pieces
Standby current	65 microamps	FAR	<0.001%
Working current	Less than 200 Ma	FRR	<1.0%
Unlocking time	≈ 1.5 seconds	Passwords Capacity	Custom and permanent password 150
Operating temperature	-20 ~ 70 ° C		Other dynamic passwords 150

Panel measurement

Unit：mm

73.6　15.8　73.6　26.2

162.6　162.6

26.8　41.5

Mortise measurement

Unit：mm

25.5　83.5　24.5

Ø19.6　23.5

Ø24.5　41　57　7.2　Ø7.5

15　3.5　41　60

93.5

70

‖ **Moudle No.: LS-C88**

| Password | Key | Bluetooth | APP |

Powered by
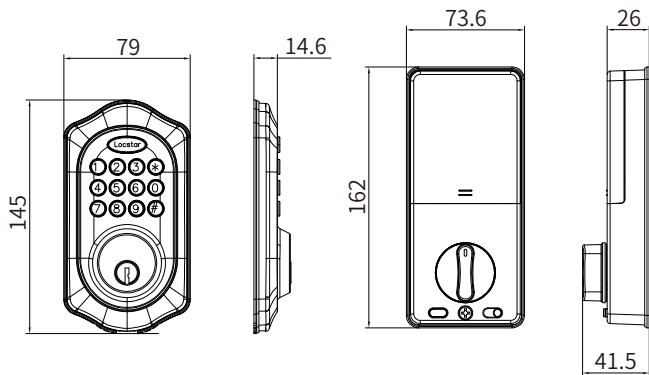**tuya**
Intelligence Inside

Technical parameter

- Access by APP, Pass code, Mechanical Key Unlock
- TUYA BLE App version and offline version available to choose.
- Strong and secure Aluminum alloy lock panel, Anti-corrosion and study.
- Emergency powersupply in case of lost power;
- We can customize production according to your requirements,OEM/ODM;

Technical parameter

Bluetooth standard	Bluetooth 4.1ble	Voltage range	4.5~6V
Supported mobile phone	Android 4.3 / IOS 7.0 or above	Standby current	65 microamps
Power supply mode	4 alkaline dry batteries	Key type	Capacitive touch button
Working current	Less than 200 Ma	Unlocking Ways	App, password, mechanical key
Unlocking time	≈ 1.5 seconds	Passwords Capacity	Password 150
Operating temperature	-20 ~ 70 ° C		
Low voltage alarm	4.8V		Temporary passwords 50

Colour:

Brown   Black

Panel measurement

Unit：mm

79   14.6   73.6   26

145   162   41.5

Mortise measurement

Unit：mm

25.5   Ø24.5 Ø19.6   94   24.5   23.5

41   57   2-Ø7.5

15   3.5   41   7.2

60

70
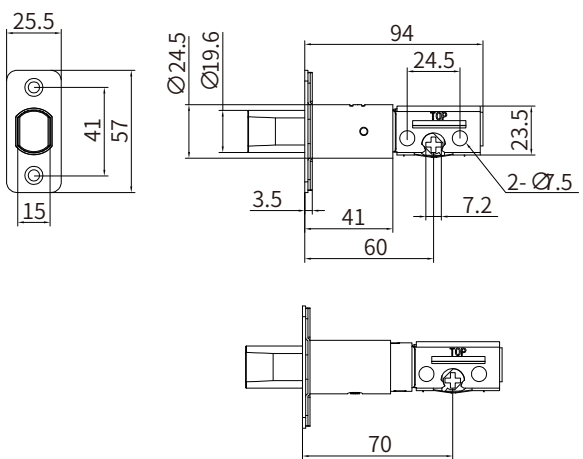
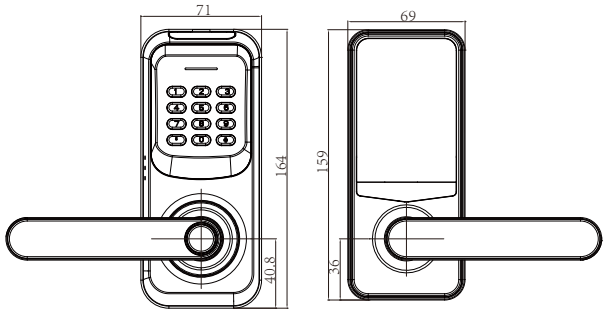‖ Moudle No.: LS-C90A

Fingerprint Password Key

Colour:

● Black

- 【Multiple unlock ways】: App+Fingerprint+Password+Card+Manual key, WiFi remote control (requires additional gateway device).
- 【CNC procession】: High quality end just like the phone production requirment, one by one CNC procession, not by mould batch production.
- 【Durability and stability】: Intelligent door lock has low power alarm function. the door lock has an emergency charging port (Micro-USB),
- 【Smart Home Access】: Send eKeys to friends or family, manage your smartphone's to view your access history.
- 【Virtual password】: it easy to enter your password in the dark, while voyeuristic virtual passwords help protect the privacy of access codes.
- 【Multiple application】: replaces the standard single cylinder American door lock and fits right and left doors, perfect for working in different environments in individual homes, rentals, co-op Spaces, offices or stores.

Technical parameter

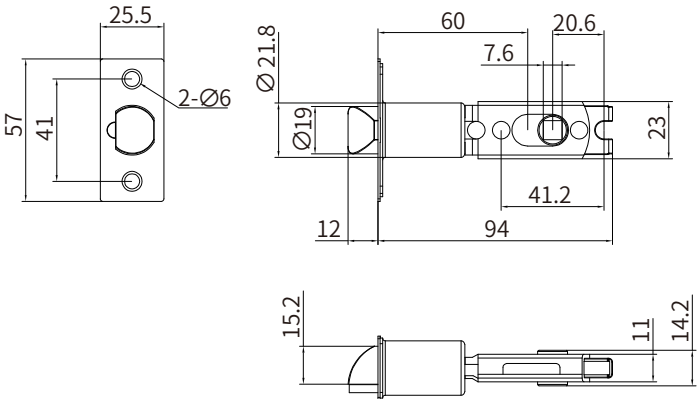| Power supply mode	4AA alkaline dry batteries	Key type	Silicone button
Low voltage alarm	4.8 V	Unlocking mode	Password, fingerprint, IC card, mechanical key
Voltage range	4.5 ~ 6 v	Fingerprint head type	Semiconductor fingerprint head
Standby current	65 microampere	Administrator user	1 pc (Password user)
Work current	Less than 200 mah	Ordinary user	299 PCS (fingerprint, password, card)
Unlocking time	≈1.5 seconds	Recognition rate (FAR)	<0.001%
Operating temperature range	-20 to 70 degrees Celsius	True rejection rate (FRR)	<1.0%

Panel measurement

Unit：mm

Mortise measurement

Unit：mm

‖ Moudle No.: LS-C90

| Fingerprint | Card | Password | Key | WiFi | Bluetooth | APP |

TTLock APP

Powered by tuya

Intelligence Inside
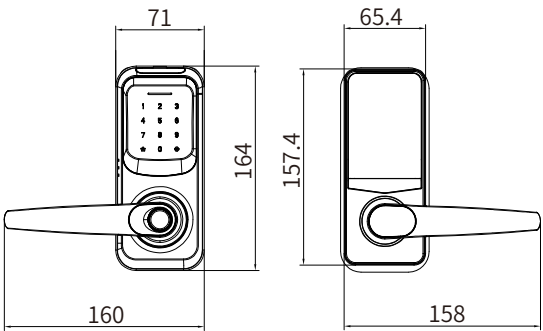
Colour:

● Black ● Brown

Technical parameter

- 【Multiple unlock ways】: App+Fingerprint+Password+Card+Manual key, WiFi remote control (requires additional gateway device).
- 【CNC procession】: High quality end just like the phone production requirment, one by one CNC procession, not by mould batch production.
- 【Durability and stability】: Intelligent door lock has low power alarm function. the door lock has an emergency charging port (Micro-USB),
- 【Smart Home Access】: Send eKeys to friends or family, manage your smartphone's to view your access history.
- 【Virtual password】: it easy to enter your password in the dark, while voyeuristic virtual passwords help protect the privacy of access codes.
- 【Multiple application】: replaces the standard single cylinder American door lock and fits right and left doors, perfect for working in different environments in individual homes, rentals, co-op Spaces, offices or stores.

Technical parameter

Bluetooth standard	Bluetooth 4.1ble
Supported mobile phone	Android 4.3 / IOS 7.0 or above
Power supply mode	4 alkaline dry batteries
Low voltage alarm	4.8V
Voltage range	4.5~6V
Standby current	65 microamps
Working current	Less than 200 Ma
Unlocking time	≈ 1.5 seconds
Operating temperature	-20 ~ 70 ° C

Key type	Capacitive touch button
IC cards Capacity	Mifare M1 card 200
Unlocking Ways	App, password, fingerprint, IC card, mechanical key
Fingerprint head type	Semiconductor fingerprint head
Fingerprint capacity	120 pieces
FAR	<0.001%
FRR	<1.0%
Passwords Capacity	Custom and permanent password 150
	Other dynamic passwords 150

Panel measurement

Unit：mm

71　65.4　164　157.4　160　158

Mortise measurement

Unit：mm

25.5　57　41　2-Ø6　Ø21.8　60　20.6　7.6　Ø19　23　41.2　12　94　15.2　11　14.2

Moudle No.: LS-C82A

| Fingerprint | Card | Password | Key | WiFi | Bluetooth | APP |

TTLock APP

Powered by tuya
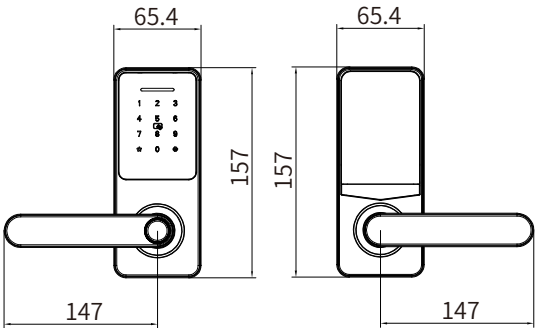
Intelligence Inside

Colour:

Silver

Black

Technical parameter

- 【Multiple unlock ways】: App+Fingerprint+Password+Card+Manual key, WiFi remote control (requires additional gateway device).
- 【CNC procession】: High quality end just like the phone production requirment, one by one CNC procession, not by mould batch production.
- 【Durability and stability】: Intelligent door lock has low power alarm function. the door lock has an emergency charging port (Micro-USB),
- 【Smart Home Access】: Send eKeys to friends or family, manage your smartphone's to view your access history.
- 【Virtual password】: it easy to enter your password in the dark, while voyeuristic virtual passwords help protect the privacy of access codes.
- 【Multiple application】: replaces the standard single cylinder American door lock and fits right and left doors, perfect for working in different environments in individual homes, rentals, co-op Spaces, offices or stores.
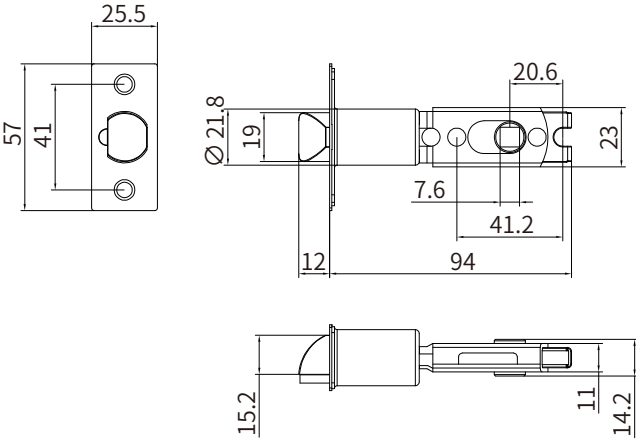
Technical parameter

Bluetooth standard	Bluetooth 4.1ble	Key type	Capacitive touch button
Supported mobile phone	Android 4.3 / IOS 7.0 or above	IC cards Capacity	Mifare M1 card 200
Power supply mode	4 alkaline dry batteries	Unlocking Ways	App, password, fingerprint, IC card, mechanical key
Low voltage alarm	4.8V	Fingerprint head type	Semiconductor fingerprint head
Voltage range	4.5~6V	Fingerprint capacity	120 pieces
Standby current	65 microamps	FAR	<0.001%
Working current	Less than 200 Ma	FRR	<1.0%
Unlocking time	≈ 1.5 seconds	Passwords Capacity	Custom and permanent password 150
Operating temperature	-20 ~ 70 ° C		Other dynamic passwords 150

Panel measurement
Unit：mm

65.4   65.4

157   157

147   147

Mortise measurement
Unit：mm

25.5

57   41

Ø21.8   19   20.6   23

7.6

41.2

12   94

15.2   11   14.2

‖ Moudle No.: LS-C89

Fingerprint	Card	Password	Key	WiFi	Bluetooth	APP

TTLock APP

Powered by tuya

Intelligence Inside

Technical parameter

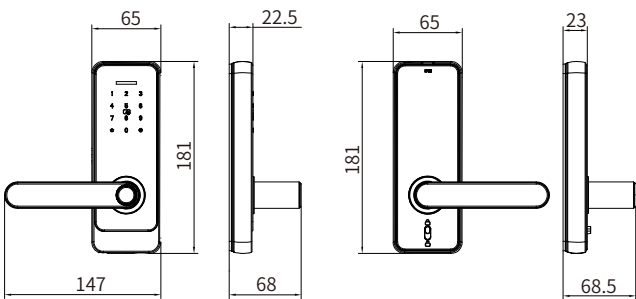- 【Keyless Smart Locks】- 5 unlocking ways: TTLock app+keyboard+fingerprint + smart card+Physical key
- 【Security and Convinient】 Anytime, Anywhere Security and Control With WiFi Gateway (optional add-on, sold separately,remotely lock and unlock your door, set up code or simply check status from anywhere, via mobile app.
- 【3D fingerprint sensor】 Hold the handle and press the fingerprint to unlock it. 100 fingerprints can identify you in less than 1 to 1.5 seconds, and is ideal for children and the elderly.
- 【Battery-powered, external power supply and spare key】Smart key lock (not included) powered by 4 AA batteries

Technical parameter

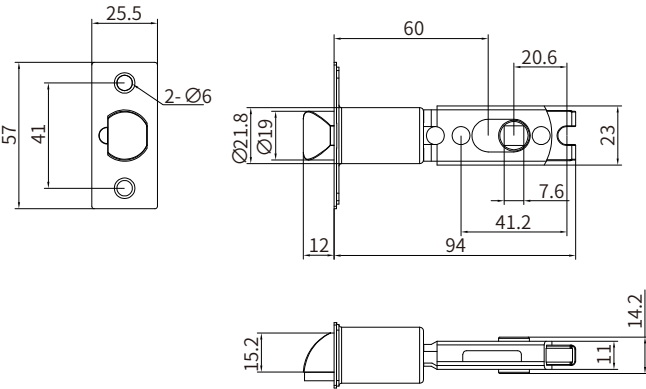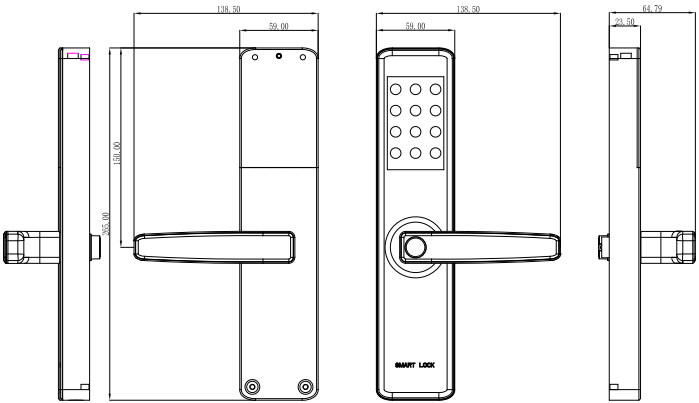|			
Bluetooth standard	Bluetooth 4.1ble	Key type	Capacitive touch button
Supported mobile phone	Android 4.3 / IOS 7.0 or above	IC cards Capacity	Mifare M1 card 200
Power supply mode	4 alkaline dry batteries	Unlocking Ways	App, password, fingerprint, IC card, mechanical key
Low voltage alarm	4.8V	Fingerprint head type	Semiconductor fingerprint head
Voltage range	4.5~6V	Fingerprint capacity	120 pieces
Standby current	65 microamps	FAR	<0.001%
Working current	Less than 200 Ma	FRR	<1.0%
Unlocking time	≈ 1.5 seconds	Passwords Capacity	Custom and permanent password 150
Operating temperature	-20 ~ 70 ° C		Other dynamic passwords 150

Colour:

Silver   Black

Panel measurement

Unit：mm

65   22.5   65   23

181   181

147   68   68.5

Mortise measurement

Unit：mm

25.5   60   20.6

2-Ø6

57   41   Ø21.8 Ø19   23

7.6

41.2

12   94

15.2   14.2   11

‖ Moudle No.: LS-C13

| Fingerprint | Card | Password | Key | WiFi | Bluetooth | APP |

TTLock APP

Powered by tuya

Intelligence Inside

SMART LOCK

Colour:

⚫ Black

Technical parameter

- 【Keyless Smart Locks】- 5 unlocking ways: TTLock app+keyboard+fingerprint + smart card+Physical key
- 【Security and Convinient】-Anytime, Anywhere Security and Control With WiFi Gateway (optional add-on, sold separately,remotely lock and unlock your door, set up code or simply check status from anywhere, via mobile app.
- 【3D fingerprint sensor】 Hold the handle and press the fingerprint to unlock it. 100 fingerprints can identify you in less than 1 to 1.5 seconds, and is ideal for children and the elderly.
- 【Battery-powered, external power supply and spare key】 Smart key lock (not included) powered by 4 AA batteries

Technical parameter

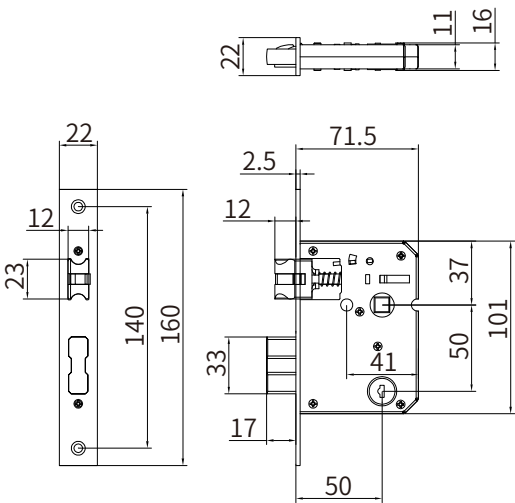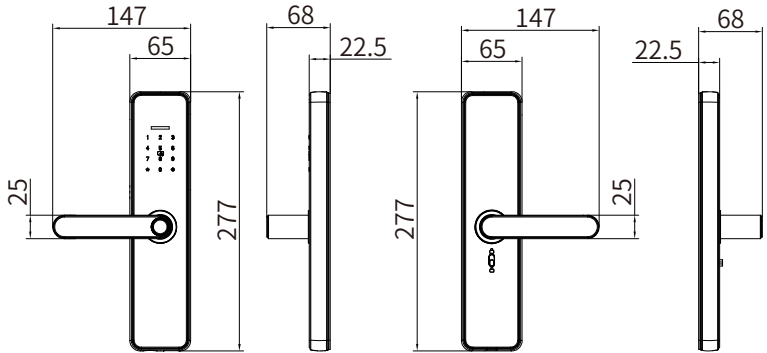| Bluetooth standard	Bluetooth 4.1ble		Key type	Capacitive touch button
Supported mobile phone	Android 4.3 / IOS 7.0 or above		IC cards Capacity	Mifare M1 card 200
Power supply mode	4 alkaline dry batteries		Unlocking Ways	App, password, fingerprint, IC card, mechanical key
Low voltage alarm	4.8V		Fingerprint head type	Semiconductor fingerprint head
Voltage range	4.5~6V		Fingerprint capacity	120 pieces
Standby current	65 microamps		FAR	<0.001%
Working current	Less than 200 Ma		FRR	<1.0%
Unlocking time	≈ 1.5 seconds		Passwords Capacity	Custom and permanent password 150
Operating temperature	-20 ~ 70 ° C			Other dynamic passwords 150

Panel measurement
Unit：mm

Mortise measurement
Unit：mm

‖ Moudle No.: LS-C91

Fingerprint	Card	Password	Key	WiFi	Bluetooth	APP

Powered by
tuya
Intelligence Inside

TTLock APP

Technical parameter

- 【Keyless Smart Locks】- 5 unlocking ways: TTLock app+keyboard+fingerprint + smart card+Physical key
- 【Security and Convinient】-Anytime, Anywhere Security and Control With WiFi Gateway (optional add-on, sold separately,remotely lock and unlock your door, set up code or simply check status from anywhere, via mobile app.
- 【3D fingerprint sensor】 Hold the handle and press the fingerprint to unlock it. 100 fingerprints can identify you in less than 1 to 1.5 seconds, and is ideal for children and the elderly.
- 【Battery-powered, external power supply and spare key】Smart key lock (not included) powered by 4 AAA batteries
- Single latch60/70, European 5050/ 6050/ 3585/ 4585/ 6085/ 6072 / 5572

Technical parameter

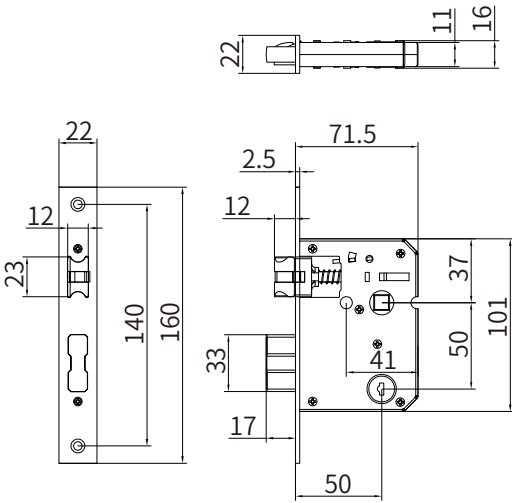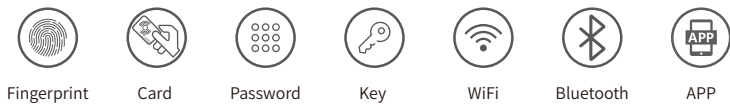| Bluetooth standard	Bluetooth 4.1ble	Key type	Capacitive touch button
Supported mobile phone	Android 4.3 / IOS 7.0 or above	IC cards Capacity	Mifare M1 card 200
Power supply mode	4AAA battery	Unlocking Ways	App, password, fingerprint, IC card, mechanical key
Low voltage alarm	4.8V	Fingerprint head type	Semiconductor fingerprint head
Voltage range	4.5~6V	Fingerprint capacity	120 pieces
Standby current	65 microamps	FAR	<0.001%
Working current	Less than 200 Ma	FRR	<1.0%
Unlocking time	≈ 1.5 seconds	Passwords Capacity	Custom and permanent password 150
Operating temperature	-20 ~ 70 ° C		Other dynamic passwords 150

Panel measurement

Unit：mm

Mortise measurement

Unit：mm

Colour:

Silver   Black   Gold

‖ Moudle No.: LS-C96

Fingerprint	Card	Password	Key	WiFi	Bluetooth	APP

TTLock APP   TTHotel APP

Colour:

● Black

Technical parameter

- 【5-in-1 keyless Unlock ways】:3D Biometric Fingerprint+RFID Card+Anti-peep Keypad Code+TUYA APP+Key+ Auto-Relock+Passage Mode+ Low Battery Reminder+Voice Guide; The lock can also be remotely operated no matter where are you ,bring you an easy intelligent home life.
- 【STRONG STRUCTURE】The whole lock body is made of Stainless steel 304,It has the advantages of anti-rust, anti-Collision ,anti-drilling, anti-prying ,long service life, Sturdy and reliable.
- 【HIGH SECURITY】Anti-Fake-finger,anti-Technical-Unlocking , anti-break-in alarm,preventing high-frequency pulse unlocking,Sturdy and reliable mechanical make sure maximum security and convenience for you.
- 【STRONG APP FEATURES】The APP enables you to unlock door via your phone, add or delete users,get Log Record that who's entered and exactly when they did from your phone APP at anywhere, anytime,grant access for specific dates or periods, make you enjoy the latest biometric Cloud technology.
- 【Package Content】：A:C81*1. B: Back-up door key*2;C: Card*2; D: Installation and Operation manual*1

Technical parameter

Item Number	C96	Card Type	MF1 Card (13.56MHz)
Material Made	Aluminium Alloy	Identification Time	<0.3S
Unlock Ways	TTLOCK App,Fingerprint, Password, Card, Mechanical Key	Low Voltage Warning	Below 4.8V
Power Supply	4AA Batteries(6V)	Working Temperature	-20℃~70℃
Card Capacity	200pcs	Working Humidity	10%~95%
Finger Capacity	150pcs	Application Places	Residential, Apartment, Home, Office, Airbnb
Password Capacity	300pcs	Door Thickness	30mm~75mm
Fingerprint Reader	FPC Fingerprint Reader		

Panel measurement

Unit：mm

Mortise measurement

Unit：mm

6#(双拼35*85+不带天地锁) 6#(双拼35*85+带天地锁) 4#(35*85) 4#(28*85)

4#(45*85) 4#(60*85) 5#(单拼35*85)

‖ Moudle No.: LS-C81

| Fingerprint | Card | Password | Key | WiFi | Bluetooth | APP |

TTLock APP   TTHotel APP

Colour:

Silver   Black

Technical parameter

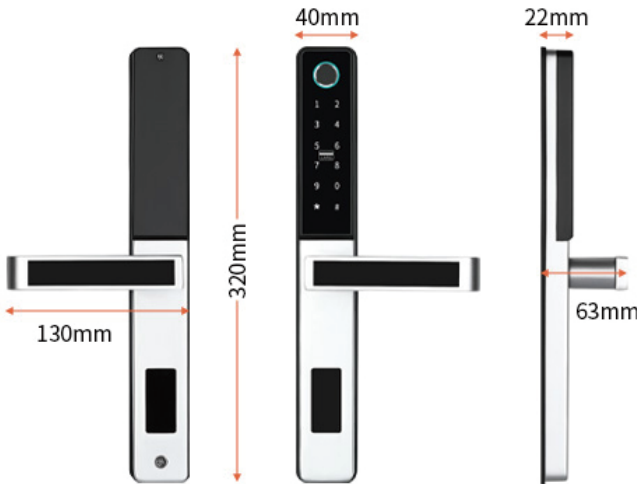- 【5-in-1 keyless Unlock ways】:3D Biometric Fingerprint+RFID Card+Anti-peep Keypad Code+TUYA APP+Key+ Auto-Relock+Passage Mode+ Low Battery Reminder+Voice Guide; The lock can also be remotely operated no matter where are you ,bring you an easy intelligent home life.
- 【STRONG STRUCTURE】 The whole lock body is made of Stainless steel 304,It has the advantages of anti-rust, anti-Collision ,anti-drilling, anti-prying ,long service life, Sturdy and reliable.
- 【HIGH SECURITY】 Anti-Fake-finger,anti-Technical-Unlocking , anti-break-in alarm,preventing high-frequency pulse unlocking,Sturdy and reliable mechanical make sure maximum security and convenience for you.
- 【STRONG APP FEATURES】 The APP enables you to unlock door via your phone, add or delete users,get Log Record that who's entered and exactly when they did from your phone APP at anywhere, anytime,grant access for specific dates or periods, make you enjoy the latest biometric Cloud technology.
- 【Package Content】: A:C81*1. B: Back-up door key*2;C: Card*2; D: Installation and Operation manual*1

Technical parameter

Item Number	C81	Card Type	MF1 Card (13.56MHz)
Material Made	Aluminium Alloy	Identification Time	<0.3S
Unlock Ways	TTLOCK App,Fingerprint, Password, Card, Mechanical Key	Low Voltage Warning	Below 4.8V
Power Supply	4AA Batteries(6V)	Working Temperature	-20°C~70°C
Card Capacity	200pcs	Working Humidity	10%~95%
Finger Capacity	150pcs	Application Places	Residential, Apartment, Home, Office, Airbnb
Password Capacity	300pcs	Door Thickness	30mm~75mm
Fingerprint Reader	FPC Fingerprint Reader		

Panel measurement

Unit：mm

40mm   22mm

320mm

130mm   63mm

Mortise measurement

Unit：mm

35 mm   35 mm   35 mm   28 mm

270 mm   270 mm   240 mm   240 mm

85 mm   85 mm   85 mm   85 mm

22 mm   22 mm   22 mm   22 mm

6#(双钩35*85+不加天地钩)   6#(双钩35*85+加天地钩)   4#(35*85)   4#(28*85)

45 mm   60 mm   35 mm

240 mm   240 mm   240 mm

85 mm   85 mm   85 mm

22 毫米   22 毫米   22 mm

4#(45*85)   4#(60*85)   5#(单钩35*85)

‖ Moudle No.: LS-C81A

Fingerprint　Card　Password　Key　WiFi　Bluetooth　APP

TTLock APP

Technical parameter
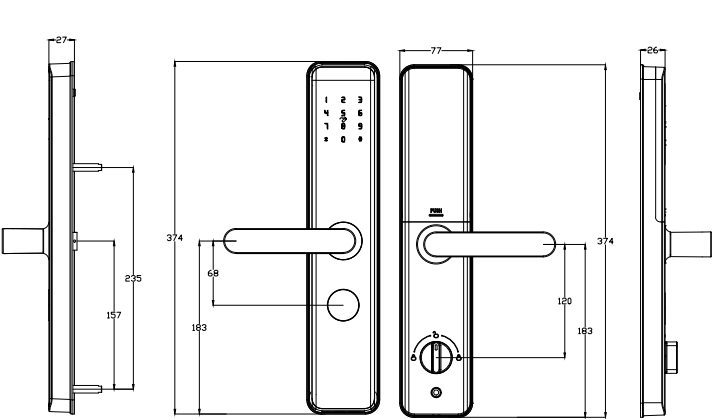
- 【Keyless Smart Locks】- 5 unlocking ways: TTLock app+keyboard+fingerprint + smart card+Physical key
- 【Security and Convinient】 -Anytime, Anywhere Security and Control With WiFi Gateway (optional add-on, sold separately,remotely lock and unlock your door, set up code or simply check status from anywhere, via mobile app.
- 【3D fingerprint sensor】 Hold the handle and press the fingerprint to unlock it. 100 fingerprints can identify you in less than 1 to 1.5 seconds, and is ideal for children and the elderly.
- 【Battery-powered, external power supply and spare key】Smart key lock (not included) powered by 4 AA batteries

Technical parameter

Item Number	C81-A
Material	Panel Aluminum /Handle Zinc alloy
Unlock Ways	APP/ fingerprint/ password/IC card/key/Bluetooth
Power Supply	4AA Batteries(6V)
Fingerprint Capacity	150pcs
Card Capacity	200pcs
Key Quantity	2pcs
Card quantity	2pcs

Fingerprint Type	FPC 160X160
Mortise	28/35/45/50/60/70/85
Working Temperature	-20℃~70℃
Working Humidity	10%~95%
Size	310*40*20mm
Door Thickness	30mm~75mm
Color	Silver and Black

Colour:

Silver　　Black

Panel measurement

Unit：mm

40　　　20　　　40

85

188

85

310

Mortise measurement

Unit：mm

35 mm

35 mm

35 mm

28 mm

270 mm

270 mm

340 mm

240 mm

85 mm

85 mm

85 mm

85 mm

22 mm

22 mm

22 mm

22 mm

6#(双钩35*85+不印天地锁)　6#(双钩35*85+印天地锁)　4#(35*85)　4#(28*85)

45 mm

60 mm

35 mm

340 mm

340 mm

240 mm

85 mm

85 mm

85 mm

22 毫米

22 毫米

22 mm

4#(45*85)　4#(60*85)　5#(单钩35*85)

Moudle No.: LS-A50

Fingerprint	Card	Password	Key	WiFi	Bluetooth	APP

TTLock APP

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Intelligence Inside

Technical parameter

- 【Keyless Smart Locks】- 5 unlocking ways: TTLock app+keyboard+fingerprint + smart card+Physical key

- 【Security and Convinient】-Anytime, Anywhere Security and Control With WiFi Gateway (optional add-on, sold separately,remotely lock and unlock your door, set up code or simply check status from anywhere, via mobile app.

- 【3D fingerprint sensor】Hold the handle and press the fingerprint to unlock it. 100 fingerprints can identify you in less than 1 to 1.5 seconds, and is ideal for children and the elderly.

- 【Battery-powered, external power supply and spare key】Smart key lock (not included) powered by 4 AA batteries

Technical parameter

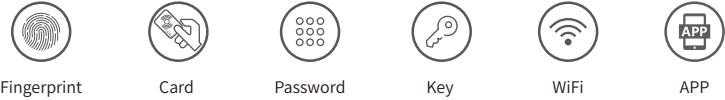| Bluetooth standard	Bluetooth 4.1ble	Key type	Capacitive touch button
Supported mobile phone	Android 4.3 / IOS 7.0 or above	IC cards Capacity	Mifare M1 card 200
Power supply mode	4 alkaline dry batteries	Unlocking Ways	App, password, fingerprint, IC card, mechanical key
Low voltage alarm	4.8V	Fingerprint head type	Semiconductor fingerprint head
Voltage range	4.5~6V	Fingerprint capacity	120 pieces
Standby current	65 microamps	FAR	<0.001%
Working current	Less than 200 Ma	FRR	<1.0%
Unlocking time	≈ 1.5 seconds	Passwords Capacity	Custom and permanent password 150
Operating temperature	-20 ~ 70 ° C		Other dynamic passwords 150

Panel measurement
Unit：mm

Mortise measurement
Unit：mm

Colour:

Silver	Black	Rose gold

‖ Moudle No.: LS-A60

| Fingerprint | Card | Password | Key | WiFi | APP |

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Intelligence Inside

Grey Rose gold
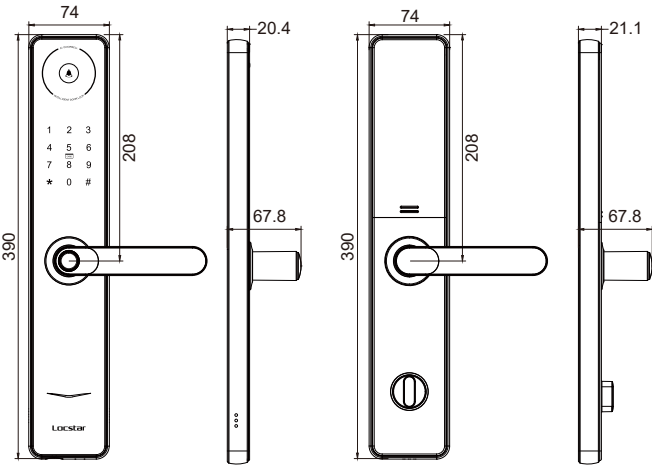
Colour:

Technical parameter

- Access by TUYA(WiFi) APP Access, M1 Card, Fingerprint, Pass code, Mechanical Key Unlock
- TUYA WiFi/BLE App version are available to choose. Convenient APP management system, you can manage your smart lock anytime and anywhere;
- Unique stylish thin panel, it can be fit most of the wooden, sliding doors.
- One-Touch-Access Biometric Fingerprint sensor on the reader.
- Strong and secure Aluminum alloy lock panel, Anti-corrosion and study.
- Multi-level administrator settings to help you better manage your smart buildings;
- Reversible free style handle.
- Emergency powersupply in case of lost power;
- We can customize production according to your requirements,OEM/ODM;

Technical parameter

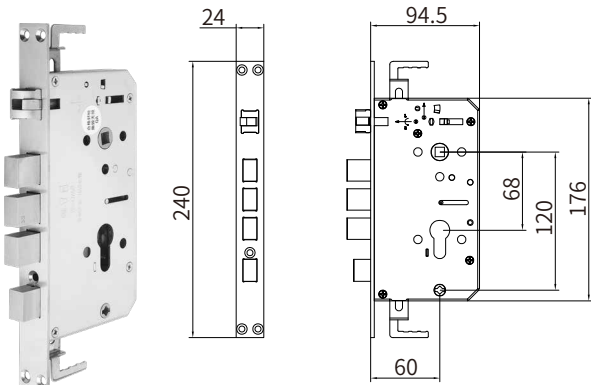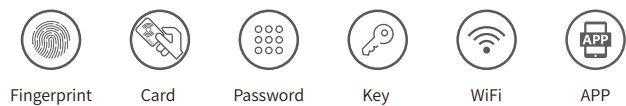| Support phone system	Android 4.3/IOS7.0 or above		Bluetooth standard	Bluetooth 4.1
Power supply	4* AA alkaline battery		Card type	Mifare M1
Low-voltage alarm	4.8V		Cards Capacity	200pcs
Static current	65 μA		Unlocking way	APP、Password、fingerprint、IC card、key
Working current	<200 μA		Motor output voltage	-0.3V
Unlocking time	≈1.5 seconds		Fingerprint module	semi-conductor fingerprint module
Working temperature	-20℃~70℃		Fingerprint capacity	120pcs
Key type	Touch screen key		False recognition rate	<0.001%
Password Capacity	Customized password+ permanent password	150pcs	Rejection rate	<1.0%
	Dynamic password	No limited		

Panel measurement

Unit：mm

Mortise measurement

Unit：mm

74 20.4 74 21.1 24 94.5
208 208 68 120 176
390 67.8 390 67.8 240 60

Locstar

‖ Moudle No.: LS-A61

| Fingerprint | Card | Password | Key | WiFi | APP |

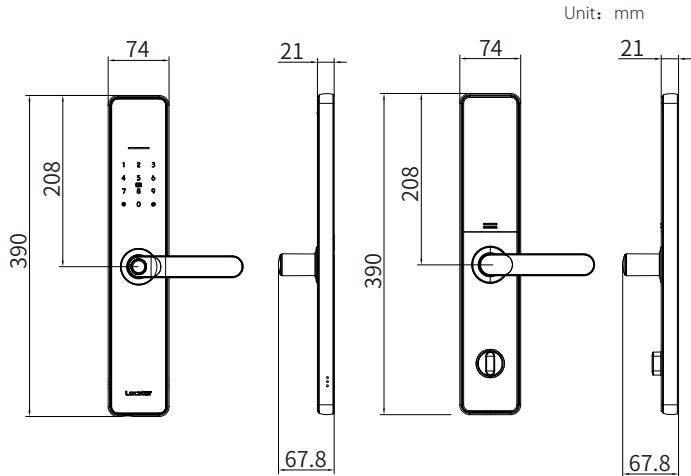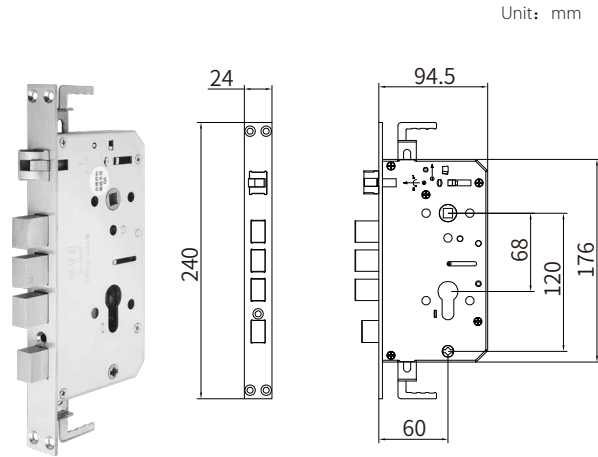TTLock APP

Colour:

Rose gold   Grey

Locstar

Technical parameter

- Access by TTLOCK(WiFi) APP Access, M1 Card, Fingerprint, Pass code, Mechanical Key Unlock
- TT lock WiFi/BLE App version are available to choose. Convenient APP management system, you can manage your smart lock anytime and anywhere;
- Unique stylish thin panel, it can be fit most of the wooden, sliding doors.
- One-Touch-Access Biometric Fingerprint sensor on the reader.
- Strong and secure Aluminum alloy lock panel, Anti-corrosion and study.
- Multi-level administrator settings to help you better manage your smart buildings;
- Reversible free style handle.
- Emergency powersupply in case of lost power;
- We can customize production according to your requirements,OEM/ODM;

Technical parameter

Support phone system	Android 4.3/IOS7.0 or above	
Power supply	4* AA alkaline battery	
Low-voltage alarm	4.8V	
Static current	65 μA	
Working current	<200 μA	
Unlocking time	≈1.5 seconds	
Working temperature	-20℃~70℃	
Key type	Touch screan key	
Password Capacity	Customized password+ permanent password	150pcs
	Dynamic password	No limited

Bluetooth standard	Bluetooth 4.1
Card type	Mifare M1
Cards Capacity	200pcs
Unlocking way	APP、Password、fingerprint、IC card、key
Motor output voltage	-0.3V
Fingerprint module	semi-conductor fingerprint module
Fingerprint capacity	120pcs
False recognition rate	<0.001%
Rejection rate	<1.0%

Panel measurement
Unit：mm

Mortise measurement
Unit：mm

‖ Moudle No.: LS-S61

| Palm Veins Unlock | 3D Face | Smart cat eye | Video intercom | Fingerprint | Card | Password | Key | WIFI | APP |

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Intelligence Inside

Colour:

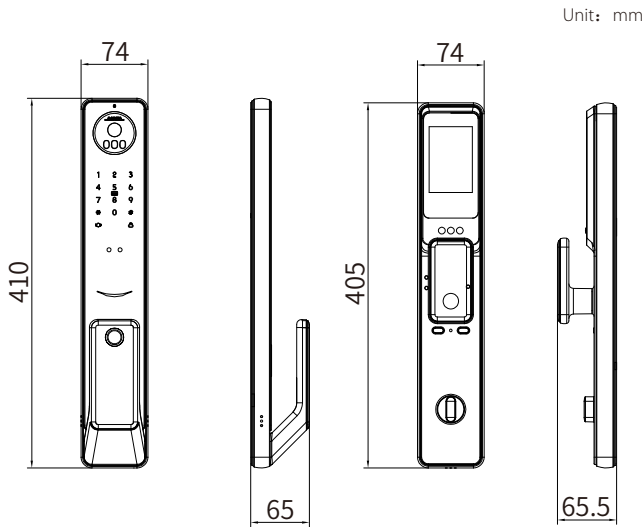Rose gold   Grey

- 6 ways to unlock: 3D Face, APP, Fingerprint Unlock, Pass Code, Card, Mechanical Key Unlock;
- Visual intercom with Peep hole: you can see who is in front of your door remotely by phone or at home by screen on lock.
- No worry when no power or fire can not unlock the door inside, indoor has one mechanical handle to unlock door directly.
- Convenient APP management system, you can manage your smart lock anytime and anywhere;
- You can manage a large number of locks with just one phone;
- Multi-level administrator settings to help you better manage your smart buildings;
- Query unlock records anytime and anywhere, the first time to know your home security;
- The compact size fits all wooden doors and metal doors;
- FPC fingerprint reader gives you the best security experience ;
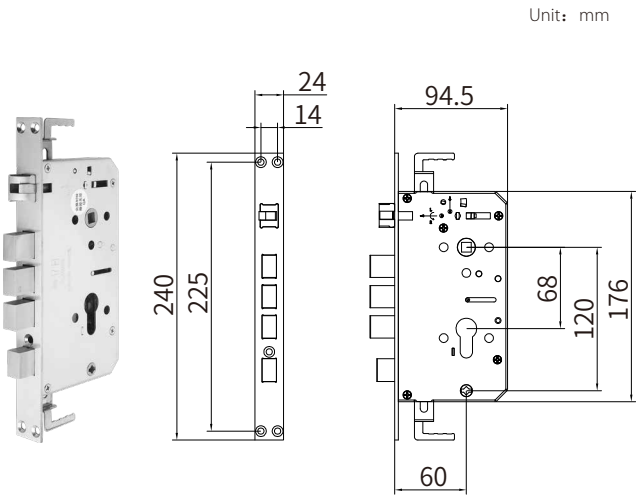- We can customize production according to your requirements,OEM/ODM;

Technical parameter

Power supply mode	7.4V Lithium battery	Card type	Mifarire S50 Card
Support phone system	ANDROID 4.3 or IOS7.0 or higher	Unlocking way	APP, password, fingerprint, I card, mechanical key, face recognition、Palm Veins Unlock
Standby current	<70 microampere	Fingerprint head type	Semiconductor fingerprint head
Emergency power supply	5V (micro USB)	Fingerprint capacity	≤99 groups (2-100 numbered users)
Low voltage alarm	7.2V	Recognition rate (FAR)	< 0.001%
Power voltage	4.5-9V	True rejection rate (FRR)	< 1.0%
Password quantity	<100 groups (No. 1 administrator, No. 2-100 user)	Operating temperature	-10 ℃ ~60 ℃
Working current	＜2 A（avarage）	Working humidity	45~90%RH
Unlocking time	≈ 1.5 seconds	Storage temperature	-30~70℃
Networking mode	WIFI	Storage humidity	45~90%RH
Applicable gate type	Wooden door/security door	Number of IC cards	≤100 groups (2-100 numbered users)
Keyboard	Standard 14 keys (0-9, *# Doorbell lockout)	Data storage type	Cloud storage
Applicable door thickness	45-120MM	Alarm function	Anti-demolition alarm/low power alarm/system lock alarm

Panel measurement

Unit：mm

74   74   410   405   65   65.5

Mortise measurement

Unit：mm

24   14   94.5   240   225   68   120   176   60

‖ Moudle No.: LS-T100A

3D Face | Fingerprint | Card | Password | Key | Bluetooth | APP

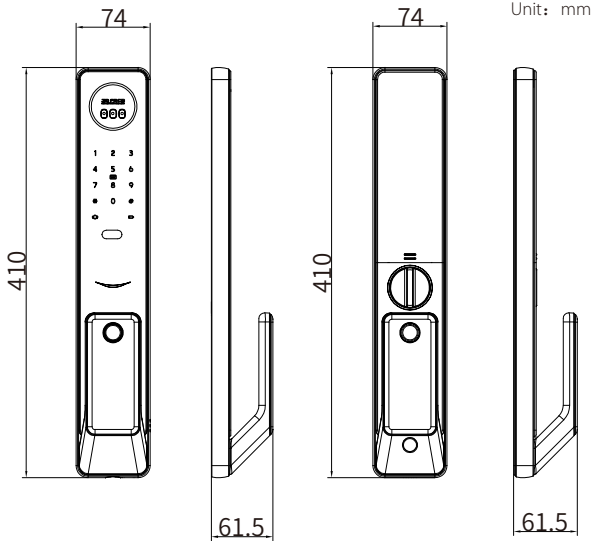TTLock APP

Colour:

Rose gold   Grey

Technical parameter

- 6 ways to unlock: 3D Face, APP, Fingerprint Unlock, Pass Code, Card, Mechanical Key Unlock;
- Convenient APP management system, you can manage your smart lock anytime and anywhere;
- You can manage a large number of locks with just one phone;
- Simple Door Handle settings, suitable for various scenarios;
- Multi-level administrator settings to help you better manage your smart buildings;
- Query unlock records anytime and anywhere, the first time to know your home security;
- The compact size fits all wooden doors and metal doors;
- FPC fingerprint reader gives you the best security experience ;
- Emergency powersupply in case of lost power;
- We can customize production according to your requirements,OEM/ODM;

Technical parameter

Bluetooth standard	Bluetooth 5.0		Cards Capacity	1000pcs
Support phone system	Android 4.3/IOS7.0 or above		Unlocking way	APP，Password, fingerprint, IC card, mechanical key , ekey, face
Power supply	7.4V lithium battery		Fingerprint module	semi-conductor fingerprint module
Emergency power supply	5V (micro USB)		Fingerprint capacity	100pcs
Low voltage alarm	7.2V		False recognition rate	≤ 0.001%
Power voltage	4.5-9V		Rejection rate	≤ 0.1%
Static current	＜ 153 μA		Working temperature	-10 ℃ ~60 ℃
Working current	＜ 2 A （avarage)		Relative humidity	45~90%RH
Unlocking time	≈ 1.5 seconds		Storage temperature	-30~70℃
Remote control	distance is 5-15m，capacity：15pcs		Storage humidity	45~90%RH
Motor	8V standard mortise		Face recognition	recognition time:0.5s (hot)，1.4s (cold) recognition distance：0.4m~1m，~0.5m the bestbio-assay：TAR：98% FAR：0.00001Face recognition：TAR：98% FAR:0.00001
Keypad	16 keys.（0-9,*,#, doorbell, locked)			
Key type	Touch scream key			
Password Capacity	Customized password+ permanent password	250pcs		
	Dynamic password	no limited	Face users	50
Card type	Mifare M1			

Panel measurement
Unit：mm
74 · 74 · 410 · 410 · 61.5 · 61.5

Mortise measurement
Unit：mm
24 · 14 · 240 · 225 · 2.5 · 97 · 68 · 120 · 176 · 60

‖ Moudle No.: LS-S100A

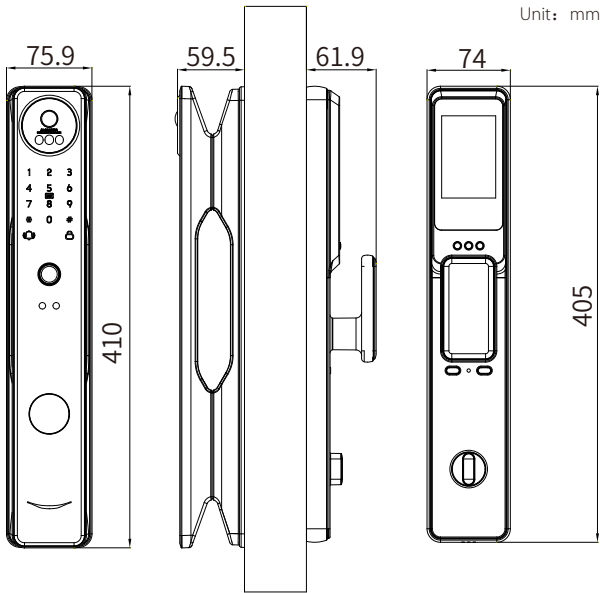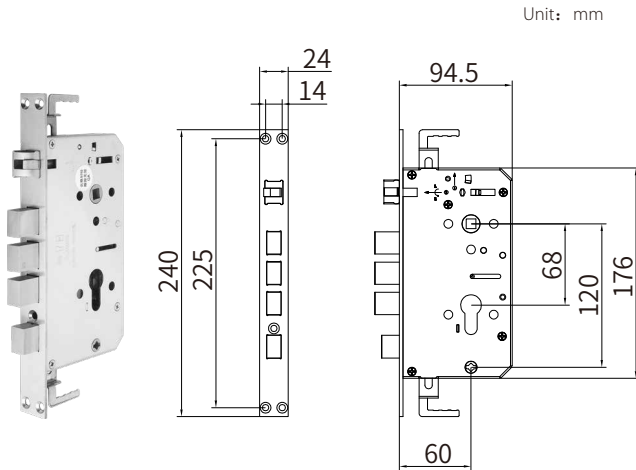|							
3D Face	Smart cat eye	Video intercom	Fingerprint	Card	Password	Key	WIFI	APP

TTLock APP

Technical parameter

- 6 ways to unlock: 3D Face, APP, Fingerprint Unlock, Pass Code, Card, Mechanical Key Unlock;
- Convenient APP management system, you can manage your smart lock anytime and anywhere;
- You can manage a large number of locks with just one phone;
- Simple Door Handle settings, suitable for various scenarios;
- Multi-level administrator settings to help you better manage your smart buildings;
- Query unlock records anytime and anywhere, the first time to know your home security;
- The compact size fits all wooden doors and metal doors;
- FPC fingerprint reader gives you the best security experience ;
- Emergency powersupply in case of lost power;
- We can customize production according to your requirements,OEM/ODM;

Technical parameter

Bluetooth standard	Bluetooth 5.0		
Support phone system	Android 4.3/IOS7.0 or above		
Power supply	7.4V lithium battery		
Emergency power supply	5V (micro USB)		
Low voltage alarm	7.2V		
Power voltage	4.5-9V		
Static current	＜153 µA		
Working current	＜2 A（avarage)		
Unlocking time	≈ 1.5 seconds		
Remote control	distance is 5-15m，capacity：15pcs		
Motor	8V standard mortise		
Keypad	16 keys.（0-9, *,#, doorbell, locked)		
Key type	Touch screen key		
Password Capacity	Customized password+ permanent password	250pcs	
	Dynamic password	no limited	
Card type	Mifare M1		

Cards Capacity	1000pcs
Unlocking way	APP，Password, fingerprint, IC card, mechanical key , ekey, face
Fingerprint module	semi-conductor fingerprint module
Fingerprint capacity	100pcs
False recognition rate	≤ 0.001%
Rejection rate	≤ 0.1%
Working temperature	-10 ℃ ~60 ℃
Relative humidity	45~90%RH
Storage temperature	-30~70℃
Storage humidity	45~90%RH
Face recognition	recognition time:0.5s (hot)，1.4s (cold) recognition distance：0.4m~1m，~0.5m the bestbio-assay：TAR：98% FAR：0.00001Face recognition：TAR：98% FAR：0.00001
Face users	50

Colour:

● Grey

Panel measurement

Unit：mm

75.9 59.5 61.9 74

410 405

Mortise measurement

Unit：mm

24 14 94.5

240 225 68 120 176

60

‖ Moudle No.: LS-C95

| Doorbell | Smart cat eye | Card | Password | Key | WiFi | Bluetooth | APP |

TTLock APP

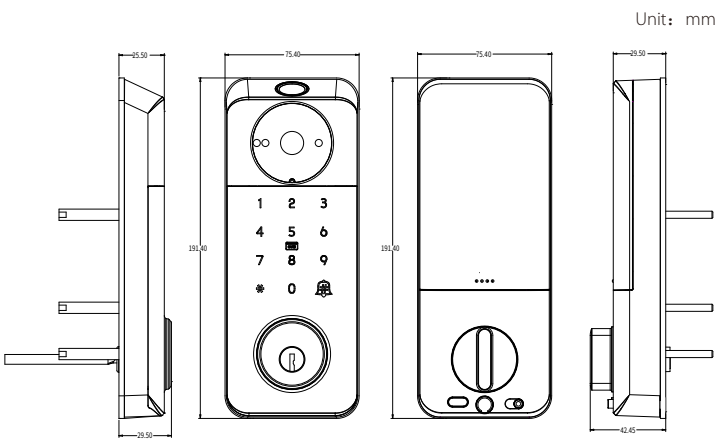Powered by **tuya**

Intelligence Inside

Colour:

● Black

Technical parameter

- 【Triple Security Features】: Experience peace of mind with this keyless entry door lock, integrating rapid fingerprint recognition, a crisp 2K HD camera, and a sophisticated video doorbell, ensuring your home's security is uncompromised.
- 【Remote Access and Real-Time Notifications】: Stay connected to your home with the TUYA WIFI Security app, offering No Monthly Fee for remote door management and immediate notifications, so you're always informed, no matter where you are.
- 【Long-Lasting Battery Life and Robust Build】: Count on endurance and resilience with a 5,000 mAh battery and a sturdy design that's certified to withstand extreme weather, from icy cold to scorching heat, ensuring reliability all year round for your keyless entry system.
- 【Easy Installation and Reliable Customer Support】: Set up the security system in just 15 minutes, compatible with US/Canadian deadbolts without the need for drilling, and enjoy peace of mind with a 12-month warranty and 24/7 customer support.
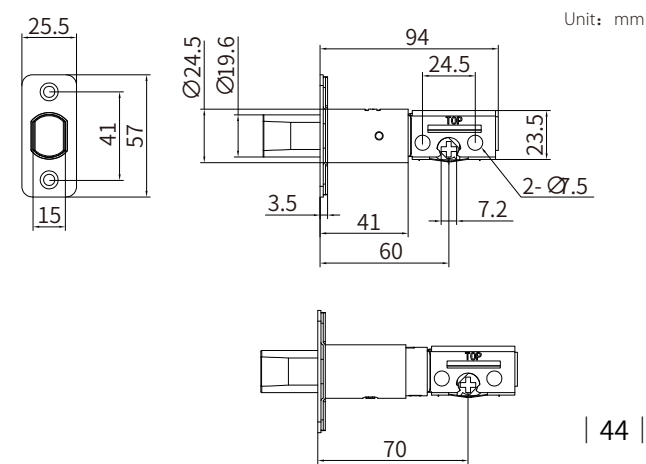
Technical parameter

Bluetooth standard	Bluetooth 5.0BLE	Fingerprint head type	Semiconductor fingerprint head
Network connection	2.4G WiFi 802.11b/g/n	Fingerprint capacity	100 pcs
Supported mobile phone systems	Android 4.3 or IOS7.0 or higher	Recognition rate (FAR)	< 0.001%
Power supply mode	7.4V Lithium (full charge 8.4v)	True rejection rate (FRR)	< 1.0%
Low alarm voltage	7.0 V	Operating temperature	- 10 ℃ ~ 60 ℃
Voltage range	5~9V	sensor	2 million HD CMOS sensor color 0.1Lux@F1.2, black and white 0.01Lux@F1.2
Standby current	550 microampere (including cat eye, radar, face)	Image output	Hd: 1960*1080@12fps
Working current	< 3A (average)		Smooth: 640*360@25fps
Key type	Capacitive touch keys	Lens	Hd security mirror, 138° wide Angle, height 13±0.2mm
Password quantity	Custom and permanent password 250	Nearest object distance	0.3m
	Other dynamic passwords are unlimited	Day-night switching mode	support
Supported card types	MIFARE M1 card	IR-CUT voice intercom	support
Number of IC cards	1000 pcs	Mobile phone surveillance	Support mobile monitoring (iOS, Android)
Unlocking mode	App, password, fingerprint, IC card, wireless key	Cloud storage	support

Panel measurement

Unit：mm

Mortise measurement

Unit：mm

25.5
41
57
15
Ø24.5
Ø19.6
94
24.5
23.5
3.5
41
60
7.2
2-Ø7.5
70

‖ **Moudle No.: LS-C78-A**

| Fingerprint | Password | Key | WiFi | Bluetooth |

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tuya
Intelligence
Inside

TTLock APP

Colour:

● Silver   ● Black

Technical parameter
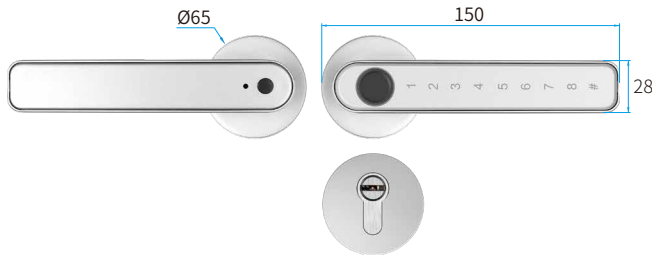
- 【3 unlocking methods】: fingerprint + intelligent code + mechanical key. Suitable for all family members, even the elderly or children.
- 【3D security fingerprint sensor】: Faster identification speed, identification time is less than 0.3 seconds. Safety: One-click operation, optimized by advanced fingerprint technology, identifies dry and wet fingerprints, suitable for children and the elderly. No need to pick up keys and memorize codes.
- 【suitable for most standard doors】: suitable for left and right door. Door thickness range :3.5 cm to 5.08 cm thick.
- 【Multiple application and easy to install】: Easy to install in a few minutes with just a screwdriver. Perfect for front doors, bedroom doors, garage entrances, etc. Ideal for homes, hotels and offices.

Technical parameter

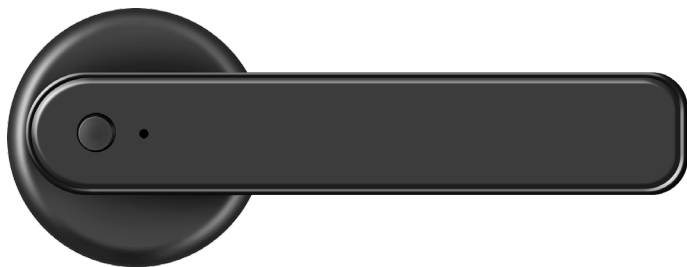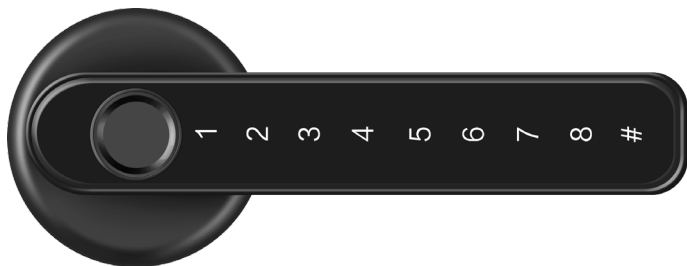| Item Number	C78-A	Mortise:	Single trigeminal tongue/5050
Material Made	Aluminium Alloy	Working current:	250mA
Unlock Ways	Fingerprint, password, key	Low voltage alarm	75uA
Power Supply	4*AAA Batteries(6V)	Standby current	5V
Finger Capacity	150pcs	Working Temperature	-20℃~70℃
Password Capacity	300pcs	Working Humidity	10%~95%
Fingerprint type	FPC 160X160	Door Thickness	30mm~65mm
Size	150*65*28mm	Color	Silver and Black

Panel measurement

Unit：mm

Ø65   150   28

Mortise measurement

Unit：mm

76.3
55
72
5572
22x175

5572

‖ Moudle No.: LS-C78-C

Fingerprint	Password	Key	WiFi	Bluetooth

TTLock APP

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Intelligence Inside

Colour:

Silver   Black

Technical parameter

- 【3 unlocking methods】: fingerprint + intelligent code + mechanical key. Suitable for all family members, even the elderly or children.
- 【3D security fingerprint sensor】 : Faster identification speed, identification time is less than 0.3 seconds. Safety: One-click operation, optimized by advanced fingerprint technology, identifies dry and wet fingerprints, suitable for children and the elderly. No need to pick up keys and memorize codes.
- 【suitable for most standard doors】: suitable for left and right door. Door thickness range :3.5 cm to 5.08 cm thick.
- 【Multiple application and easy to install】: Easy to install in a few minutes with just a screwdriver. Perfect for front doors, bedroom doors, garage entrances, etc. Ideal for homes, hotels and offices.
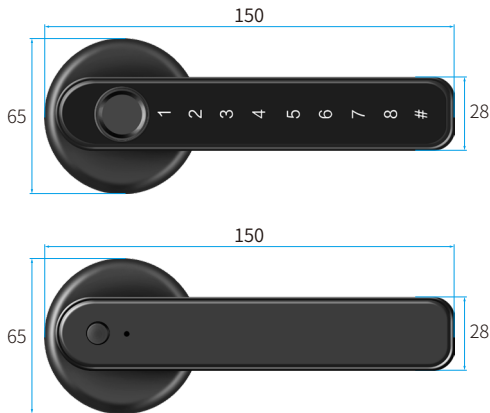
Technical parameter

Item Number	C78-C		Mortise:	Single trigeminal tongue
Material Made	Zinc Alloy		Working current:	250mA
Unlock Ways	Fingerprint, password, key		Low voltage alarm	75uA
Power Supply	4*AAA Batteries(6V)		Standby current	5V
Finger Capacity	150pcs		Working Temperature	-20°C~70°C
Password Capacity	300pcs		Working Humidity	10%~95%
Fingerprint type	FPC 160X160		Color	Silver and Black
			Door Thickness	30mm~65mm

Panel measurement

Unit：mm

150

65   28

150

65   28

Mortise measurement

Unit：mm

85MM

23MM

60MM

11MM

57MM   19MM   41MM

11MM
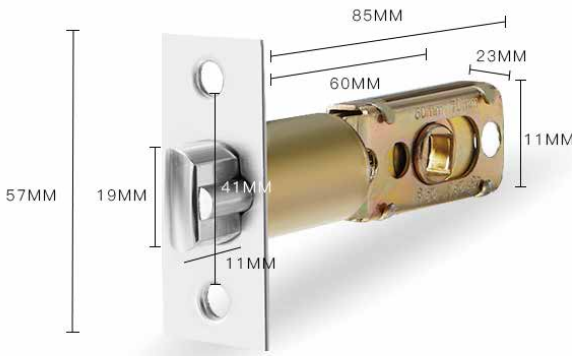
Colour:

Silver

Black

|| Moudle No.: LS-C93

Bluetooth

APP

Technical parameter

- 【Make mechanical to be smart】: Our smart lock can make mechanical lock becomes a smart lock, and use smart phone app to unlock it.
- 【Easy to install, even more compatible】: When setting up Smart Lock no tools are needed, simply use the 3M adhesive provided and you're good to go. Supports different locks and doesn't affect your original lock in any way.
- 【Auto-Lock & Home Sharing】: You can preset lock timers, when your door closes for a certain period of time SwitchBot Keyless Entry Door Lock will then auto-lock. You can also set up Home Sharing to operate your lock via our app and share Lock access with family members.
- 【More APP custom choice】: We can supply Isurpass/TTLOCK/TUYA different APP choice for smart home requirement.

Technical parameter

Panel measurement

Unit：mm

Materials	PC+ABS
Body size	111.6 x59x73. 2 mm
Body weight	253g(battery included)
battery	CR123A Battery x2
Battery life	About six months
Use environment	Indoor only
Support OS	iOS 11+, Android 5.0+
Communication mode	Bluetooth 5.0
Operating temperature	-10℃~45℃
Relative operating humidity	10% ~ 90%

2.44
2.04
2.3269
4.5273
2.63

TTLock APP

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Intelligence Inside
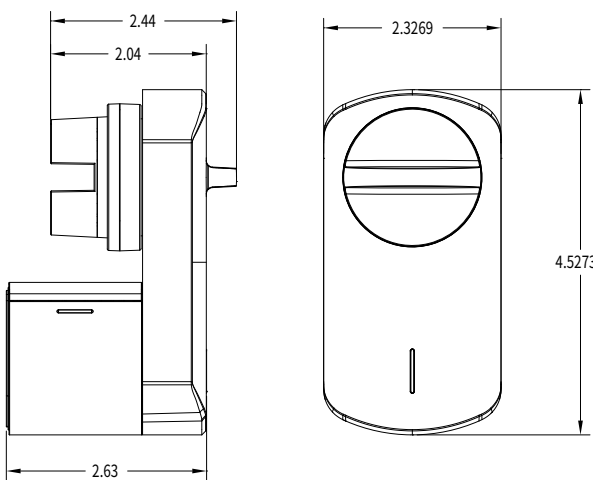
Keep your physical key

Fits your existing deadbolt
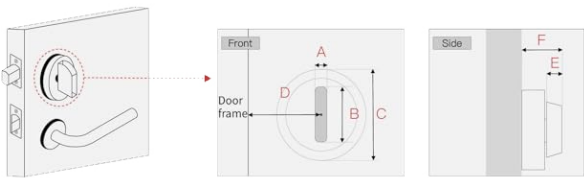
A: 0.078~0.9in B: 0.9~1.65in C: <=2.2in D: >=1.57in
E: >=0.19in F: 0~2.2in

Front
Door frame

Side

‖ Moudle No.: LS-C83A

TTLock APP

Powered by
tuya
Intelligence Inside

| Fingerprint | Card | Password | Key | WiFi | Bluetooth | APP |

GLASS LOCK

GLASS L

Technical parameter

- 【Easy to install, wide range of applications】 This product is very simple to install, you don't need to punch holes at all, just external wiring and network equipment, very simple. It is very versatile and can be fitted with frameless/frameless glass doors, single/double doors, and left/right doors.
- 【Multiple unlocking methods】 -fingerprint+password+credit card+APP, as well as optional remote control, single card solution: support for various contactless smart cards (for example, add the second generation after use) ID card unlock simple, very practical, is a good helper to protect your family.
- 【Doorbell function and real-time voice alarm】 The product has doorbell function, just press the doorbell button #, you can immediately wake up the bell, but also has real-time voice alarm function, the whole process of voice navigation, easy to operate, practical, low price, absolutely suitable for your life assistant.
- 【Password Protection Design】 When you unlock with a password, you can add multiple incorrect passwords before/after entering the correct password. Press # to confirm the lock. (Anti-snooping garlic can be entered up to 30 digits.)
- 【Highly secure Smart Lock】 This smart fingerprint lock has an alarm clock lock function. When someone enters the wrong password five times in a row, the system will alarm and lock for three minutes. It also has a backup external power supply that fits the standard USB port on Android phones. Emergency power can be unlocked when the battery dies and the power fails.

Technical parameter

Fingerprint speed	≤0.3S	Emergency power supply	USB Type-C
False accept rate	≤0.001%	Working temperature	-25℃~+65℃
False reject rate	≤1%	Product weight	about 1.25kg
Static power consumption	≤120uA	Door opening mode	applicable push or pull, induction left open/right open
Fingerprint sensor	semiconductor biometric identification	Applicable door type	glass door, aluminum door with frame, wooden door, sliding door
Card type	M1 , IC	Door type specification	door gap 3 ~ 10mma) Frame-less door with the 8~12mm thick glass, the 8mm glass needs to install the thickening plates. b) Door with the 40-70mm thick frame. (door gap 3~10mm)
Storage capacity	fingerprint（100）card and password（1000groups）		
Power supply	4pcs 1.5V AA alkaline dry batteries	Unlocking methods	fingerprint, password, card,temporary password Mechanical key unlocking (no key for framed door)

Panel measurement

Unit:mm

Z-WAVE LOCK SYSTEM
Gateway Zigbee /Wifi for different scenes

‖ Moudle No.: LS-8015-TM

TM Card Unlocking   Password Unlocking   Mechanical Key

Cloud

Light control

Intelligent switch | Energy saving lamp | Droplight | Ribbon lamp

Doors and Windows control

Curtain controller | Electric curtain | Automatic window | Garage door

AV system

Projector | Air conditioning
All Angle infrared transponder | Stereo | Projection screen | TV

Power control

Smart Power Plug | Water heater | Electric cooker | Water dispenser

Phone remote control

Z-wave gateway

Security control

Infrared control head | Flue gas, fuel gas alarm | Z-wave lock

8015-TMM-BXG(6268)   8015-TMM-BXG(6226)

Colour: Siliver

The ZWAVE APP is a software from LOCSTAR develop, which is free for our customers.Security and convenience is one of the most important things which we all concern for smart home. Our wireless locks with Zwave technology (Zwave lock) can bring you all of these you expected. Our Zwave lock uses Zwave protocol which is an interoperable, wireless, RF-based communications technology, it is mature, proven and broadly deployed. Zwave lock is by far the world market leader in wireless and keyless access.

Security:
Control, monitoring and status reading applications to the lock through your smart phone.Operates in the sub-1GHz band; impervious to interference from Wi-Fi and other wireless technologies in the 2.4-GHz range.with AES128 encryption, IPV6, and multi-channel operation

Convenience:
Full interoperability through layer 6 with backwards compatibility to all versions. Standard Zwave protocol, compatible with other Zwave devices, if you already have Zwave solution smart home, just add our Zwave lock in the current system.no need wiring to the lock Control / monitoring your lock from anywhere through smart phone.

Application:
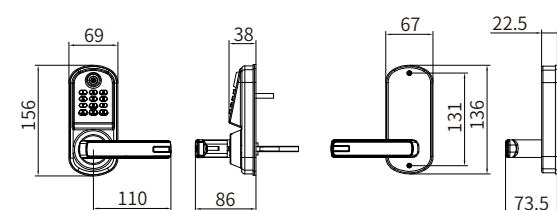Anywhere you'd like to have wireless keyless management to your property, such as house, apartment, hotel, vacation rental properties.

Description

1.Apartment lock.
2. Best choice for DIY installation, best chocie for replacing the knob lock (single latch).
3. Unlocking way: TM Card + code +key.
4. Zinc alloy material.
5. Lift up handle for double lock (9500# mortise only).
6. Self-locking protection.
7. field reversiable door lock handle.
8. Sleep mode to prevent illegal attempt.
9. External power poles (avaiable).
10. Low voltage alarm.
11. Powered by 4 x AA Alkaline Battery.
12. Option on single latch mortise or five latch mortise.
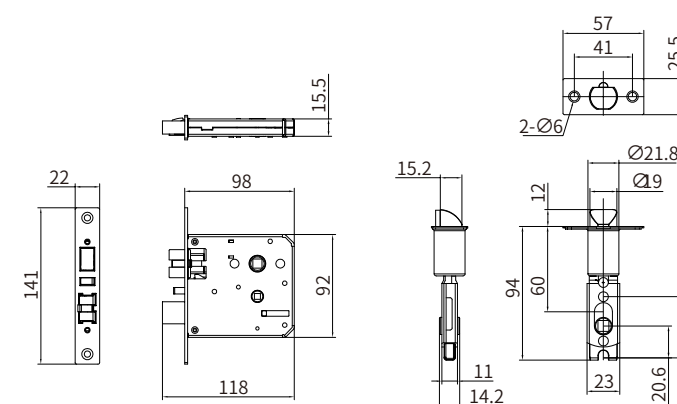13. Powerful code programing function, to set up user code with / without time limit.
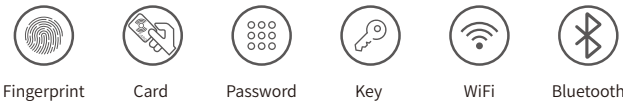
Technical parameter

Description	Parametric Description
Open Mode	Code、card、mechanical key
Identification Time	<1s
False Reject Rate	≤0.01%
False Identification Rate	≤0.0001%
User Capacity	200
Working Voltage	5 alkaline batteries for 4pcs AA(DC4.8 ~6.5V)
Deficient Voltage Alarm	5.0V (+/-0.2V)
Holing Current	30~ 450uA
Working Temperature	-20℃~55℃
Storage Temperature	-30℃~ 70℃
Mean Free Failure Time	≥25,000h

Function Features:

Model	LS-ZG06
Storage Humidity	10%-95%
Storage Temperature	-20~70℃
Working Temperature	-20~60℃
Input Voltage	5V/2A
Core	ARM 32-bit Cortex™-M3 CPU

Working Frequency	ZWave 908.42MHz(US)、868.42MHz(EU) 921.42Mhz(Aus)
Frequency	72MHz
Storage	128 Kbytes of Flash memory 20 Kbytes of SRAM

Node NO.	232
Working Range	≤30m(inside)、100m (outside)
Network type	Mesh
Time to Add Node	30Seconds
Range	≤6m
Frequency	38kHz

Panel measurement

Unit：mm

69   38   67   22.5
156   110   86   73.5
131 136

Mortise measurement

Unit：mm

57   41   25.5
15.5   2-∅6
∅21.8 ∅19
22   98   15.2   12
141   92   94   60
118   11   14.2   23   20.6   41.2

‖ Moudle No.: LS-C76A

Fingerprint	Card	Password	Key	WiFi	Bluetooth

```
1  2  3
4  5  6
7  8  9
*  0  #
```

Z WAVE

TTLock APP

Locstar

Colour:

Silver   Black

Technical parameter

- 【Keyless Smart Locks】- 5 unlocking ways: App+keyboard+fingerprint + smart card+Physical key
- 【Security and Convinient】 -Anytime, Anywhere Security and Control With WiFi Gateway (optional add-on, sold separately,remotely lock and unlock your door, set up code or simply check status from anywhere, via mobile app.
- 【3D fingerprint sensor】 Hold the handle and press the fingerprint to unlock it. 100 fingerprints can identify you in less than 1 to 1.5 seconds, and is ideal for children and the elderly.
- 【Battery-powered, external power supply and spare key】Smart key lock (not included) powered by 4 AA batteries.
- Product Name: Smart Lock.
- Unlock type: Password/Card/Key.
- Size: 220mm* 67.8mm* 79.2mm.
- Power Supply : 4*AA battery.
- Key Quantity: 2pcs.
- Card quantity: 2pcs.

Technical parameter

Bluetooth standard	Bluetooth 4.1ble
Supported mobile phone	Android 4.3 / IOS 7.0 or above
Power supply mode	4 alkaline dry batteries
Low voltage alarm	4.8V
Voltage range	4.5~6V
Standby current	65 microamps
Working current	Less than 200 Ma
Unlocking time	≈ 1.5 seconds
Operating temperature	-20 ~ 70 ° C

Key type	Capacitive touch button
IC cards Capacity	Mifare M1 card 200
Unlocking Ways	App, password, fingerprint, IC card, mechanical key
Fingerprint head type	Semiconductor fingerprint head
Fingerprint capacity	120 pieces
FAR	<0.001%
FRR	<1.0%
Passwords Capacity	Custom and permanent password 150
	Other dynamic passwords 150

Panel measurement

Unit：mm

72 26.5 26.5 72
224 94 72 72 94 224

Mortise measurement

Unit：mm

57 41 25.5
2-Ø6
15.5
22 98 15.2 Ø21.8 Ø19
141 92 12 94 60
20 11 23 20.6
14.2 41.2

Zwave Unlocking   Password Unlocking   Mechanical Key

‖ Moudle No.: LS-8015-Zwave

8015-Zwave-BXG(6268)

8015-Zwave-BXG(6226)

Colour: Silver   Black

Description

1. Apartment lock.
2. Best choice for DIY installation, best chocie for replacing the knob lock (single latch).
3. Unlocking way: Zwave + code +key.
4. Zinc alloy material.
5. Lift up handle for double lock (9500# mortise only).
6. Self-locking protection.
7. field reversiable door lock handle.
8. Sleep mode to prevent illegal attempt.
9. External power poles (avaiable).
10. Low voltage alarm.
11. Powered by 4 x AA Alkaline Battery .
12. Option on single latch mortise or five latch mortise.
13. Powerful code programing function, to set up user code with / without time limit.
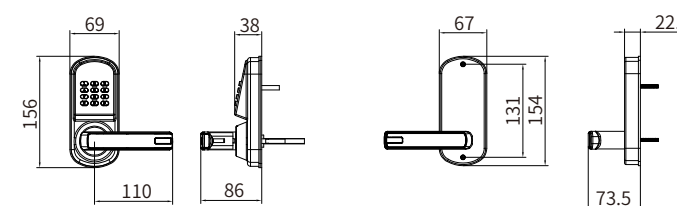
Technical parameter

Model	8015-Zwave	Static current	<30uA
Card capacity	100Pcs	Dynamic current	<200mA
Reading distance	1.5CM	Working temperature	-20℃～55℃
Power Supply	4 xAA	Storage temperature	-30℃～70℃
Low-voltage Index	5.0V(±0.2V)	Working humidity	15%RH～93%RH
Battery life	1 year		
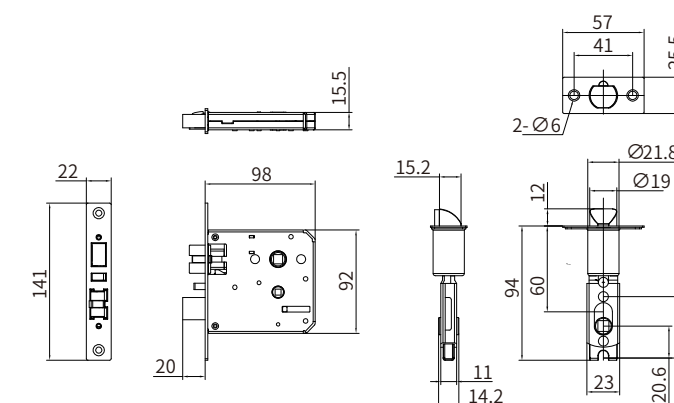
Panel measurement

Unit：mm

69   38   67   22.5

156   131   154

110   86   73.5

Mortise measurement

Unit：mm

57
41
25.5

2-Ø6

Ø21.8
Ø19

22   98   15.2   12

141   92   94   60

20   11   14.2   23   20.6   41.2

15.5

Moudle No.: LS-8015-FM

Card Unlocking   Password Unlocking   Mechanical Key

8015-FM-BXG(6268)

8015-FM-BXG(6226)

Colour: Siliver   Dumb black

Description

1. Apartment lock.
2. Best choice for DIY installation, best chocie for replacing the knob lock (single latch).
3. Unlocking way: MF card + code +key.
4. Zinc alloy material.
5. Lift up handle for double lock (9500# mortise only).
6. Self-locking protection.
7. field reversiable door lock handle.
8. Sleep mode to prevent illegal attempt.
9. External power poles (avaiable).
10. Low voltage alarm.
11. Powered by 4 x AA Alkaline Battery.
12. Option on single latch mortise or five latch mortise.
13. Powerful code programing function, to set up user code with / without time limit.
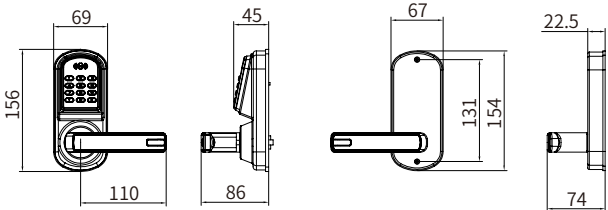
Technical parameter

Model	8015-FM		Battery life	1 year
Card type	Mifare One S50		Static current	＜30uA
Card capacity	100Pcs		Dynamic current	＜200mA
Code capacity	100Pcs		Working temperature	-20℃～55℃
Card frequency	13.56MHZ		Storage temperature	-30℃～70℃
Reading distance	1.5CM		Working humidity	15%RH～93%RH
Power Supply	4 xAA			
Low-voltage Index	5.0V(±0.2V)			

Panel measurement

Unit：mm

Mortise measurement

Unit：mm
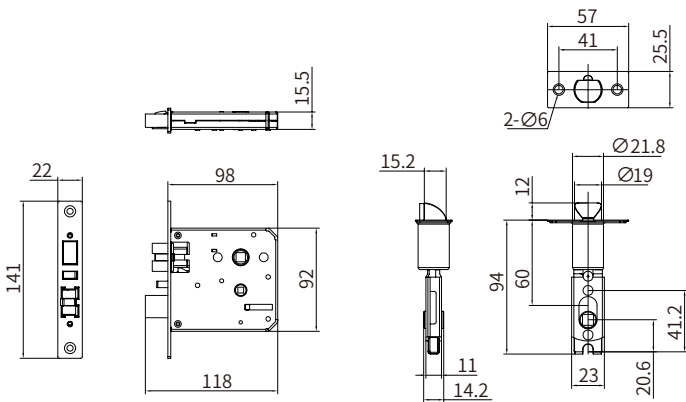
GATEWAY G2

Model :	G2
Dimensions :	70mm x 70mm x 26mm
Network :	WiFi 2.4G
IEEE standard :	802.11 b/g/n
Power interface :	Type-C USB
Power input :	DC 5V/500mA

GATEWAY G3

Model :	G3
Dimensions :	70mm x 70mm x 26mm
Network :	RJ45
IEEE standard :	802.3
Power interface :	Type-C USB
Power input :	DC 5V/500mA/PoE(G3P only)

GATEWAY G4

Model :	G4
Dimensions :	110x110x35mm
Network :	4G(TLE)
Power input :	DC 5V/500mA

GATEWAY T2

Powered by tuya
Intelligence Inside

Product name	BleGateway
Input :	5V---1A(Direct current)
Working temperature	-10℃~55℃
Working humidity	10%~90% RH (no condensation)
Dimensions	80x80x38MM
Wireless technology	Wi-Fi802.11b/g/n BLEMESH(SDG
Radio frequency :	2.400~2.4835GHz
Transmit power	Wi-Fi 21dBmBluetooth 7dBm
Net weight :	349

Technical parameter

Choose the model

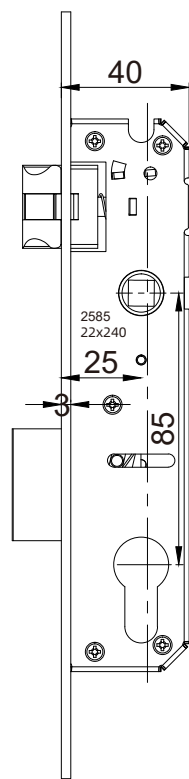| Card type	Picture	Remarks
RFID card		Mifare S50, M1 card, based on 13.56MHZ, with 16 sectors to set different function. use most for hotel lock.
IC card		IC(Integrated Circuit Card), also known as Smart card, Large reading and writing capacity, encryption function, reliable data record, more convenient to use, such as card system, consumption system, attendance system, use most for smart lock.

Specification

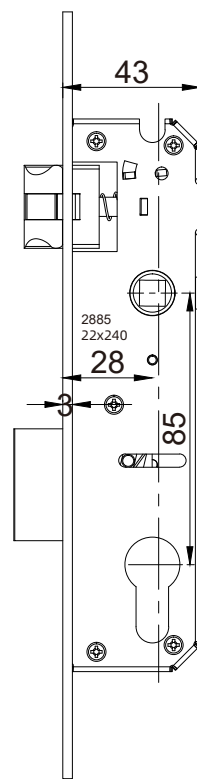| Type of door lock	RFID Sensor card lock		IC card lock	TM card lock	Password lock
Electronic Key	NXP Mifare 1 S50 Mifare® Smart Card	ATMEL T5557 Mifare® Smart Card	Siemens SLE4442 Smart Card	Dallas DS1991L-F5 Smart Card	Max 8 digits user code
International standard	ISO14443-A	ISO11784/785	ISO7816	Dallas Patent Technology	
Encryption type	48 bits proprietary logic encryption card and system data DES encryption	32 bits proprietary logic encryption card and system data DES encryption	System data DES encryption	64 bits proprietary logic encryption card and system data DES encryption	Max 8 digits user code
Static Current	≤25μA	≤15μA	≤10μA	≤5μA	≤10μA
Battery Life	≥10000 times			≥15000 times	≥15000 times
Power Supply	4xAA(6V) / 6xAA(9V)				
Low Voltage Index	5.0 V / 7.2V				
Dynamic Current	≤200mA				
Working temperature	-20℃ ~ 55℃				
Reliability	≥30000 times				
Mechanic life	≥100000 times				

Confirm the accessory

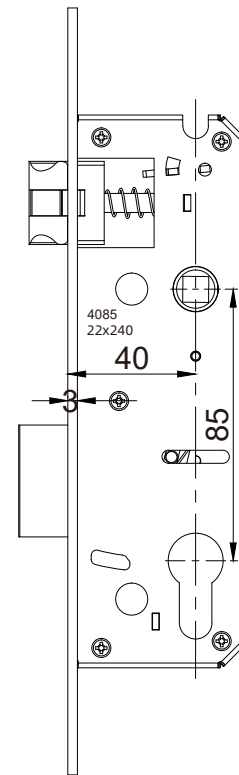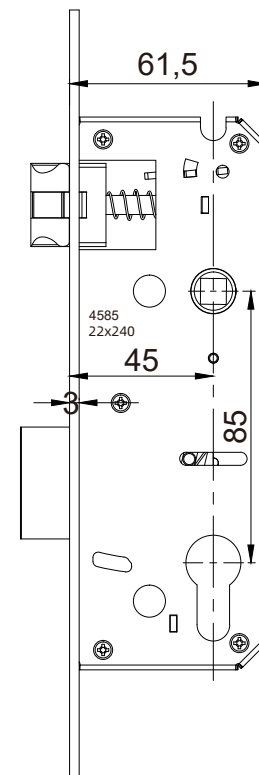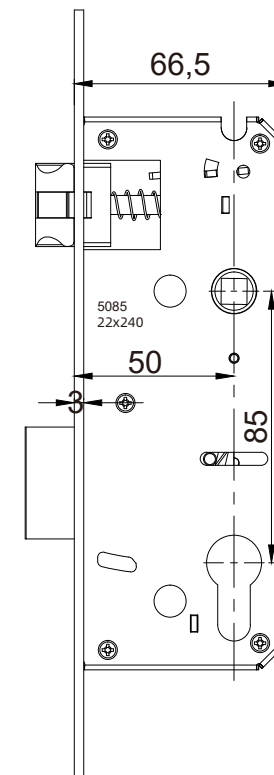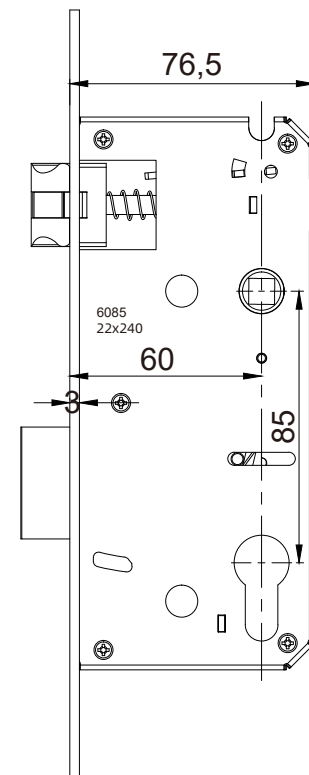| Item	Remarks
Quantity of the door lock	Guest room number+office number, in the same time, let us know the left or the right door.
Quantity of the card	Generally, It is the 3-5 times of the door-locks.
Quantity of the encoder	At least for 2 pcs for each hotel, one for using, the other one for back-up.
Optional accessories	Wall Switch, elevator controller, access controller, in-room safe and fingerprint lock are optional as your service.
Others	If any other special requirements, we can provide tailor-made service to the hotels.
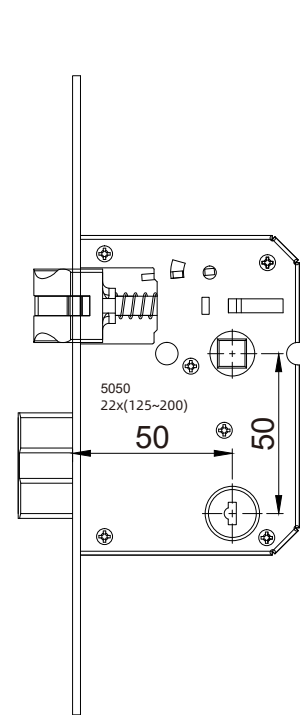
5050

2585

2885

4085

4585

5085

6085
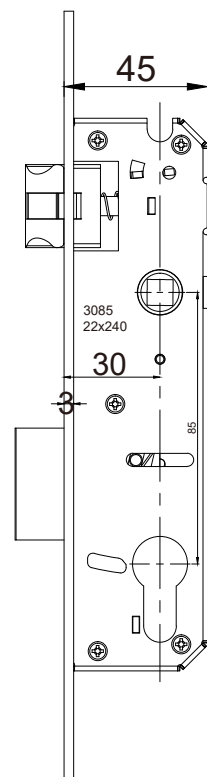
3085

3585

3585

5072

5572

6072

97±0.6
60±0.5
2.5⁻⁰·⁵
12±⁰·³
20.6±0.2
12±0.5
6⁺⁰·³⁻⁰·³
19.8
67.4±0.3
20±⁰·³
32±0.15

Ø5.7⁻⁰·²
Ø5.7⁻⁰·²
Ø5.7⁻⁰·²
Ø5.7⁻⁰·²

24±0.5
14±0.2
37.5±0.2
46±0.3
68±0.3
176±0.5
14±0.2
52±0.3
225±0.3
240±0.5

6068

60
Single Mortise

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Best Western PLUS

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SHANGRI-LA HOTELS and RESORTS

Marriott HOTELS & RESORTS
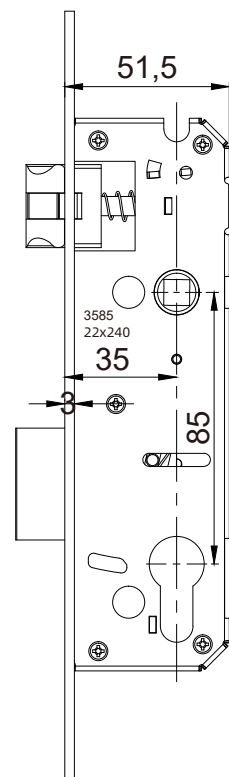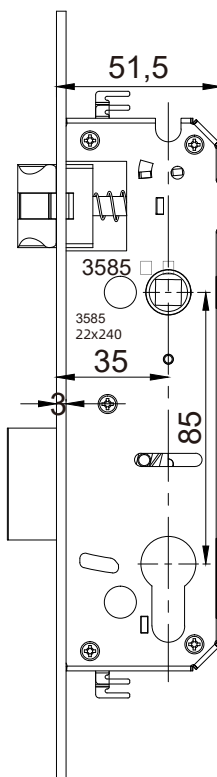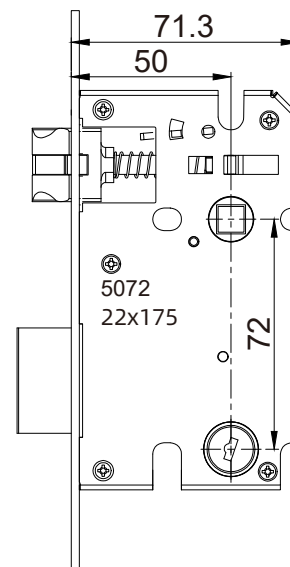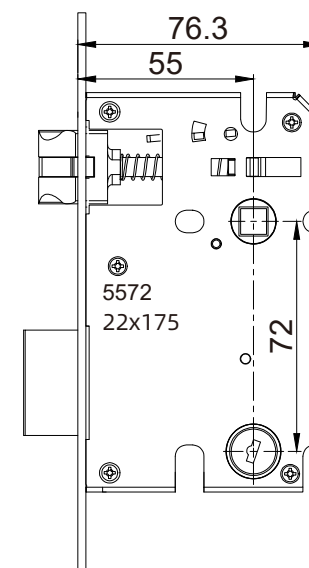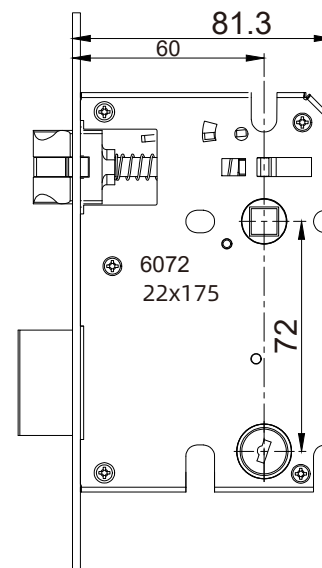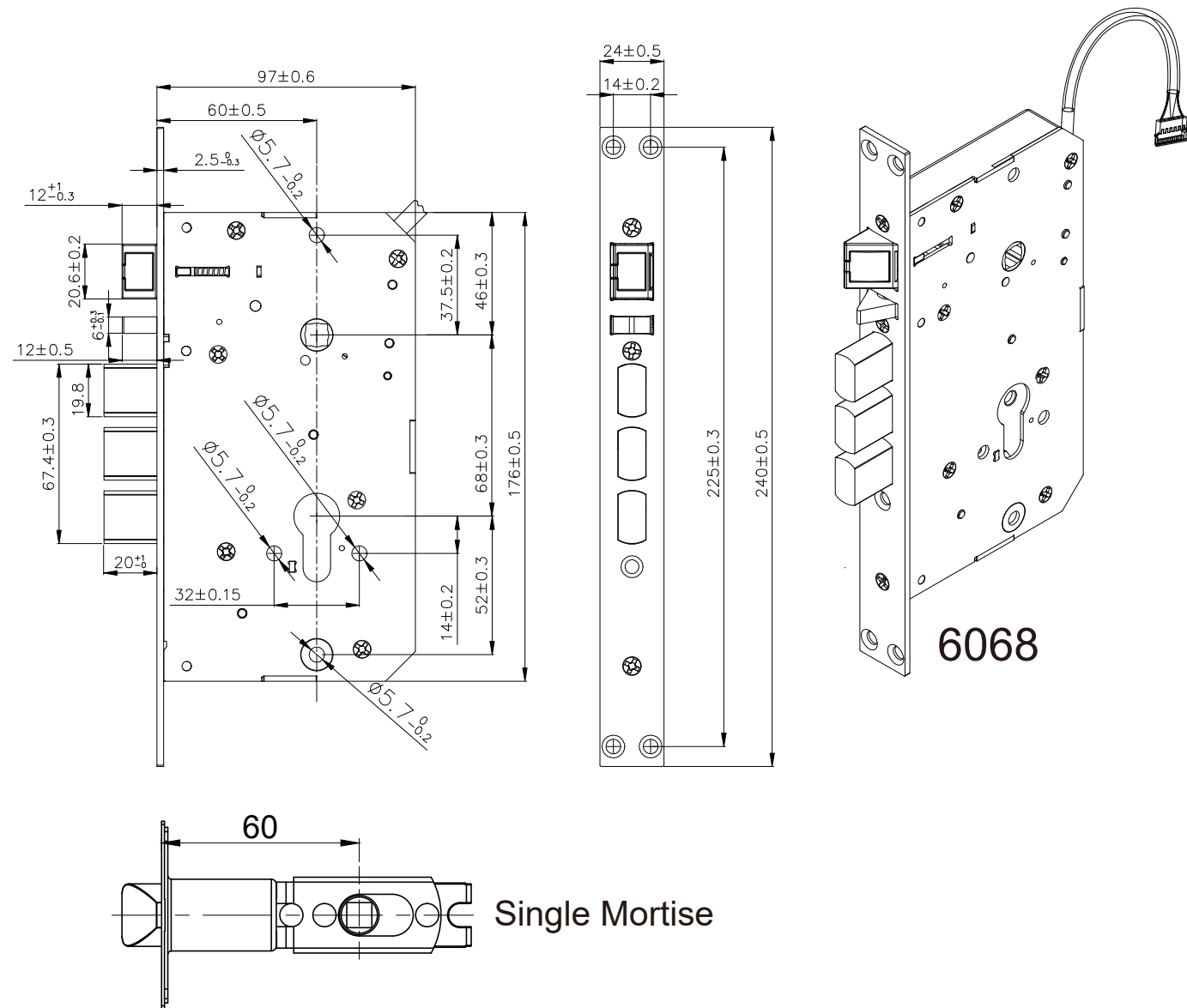
STANLEY

LOTUS

ASSA ABLOY

GRAND MERCURE

ASCOTT CHINA 雅诗阁中国

Mercure HOTELS

NOVOTEL HOTELS & RESORTS

ibis HOTELS

维也纳酒店 Vienna Classic Hotel

GreenTree Inn 格林豪泰酒店

METROPOLO JINJIANG HOTELS 锦江都城酒店

DOSSEN 东呈酒店集团

H 华住 WORLD

HOME2 SUITES BY HILTON 希尔顿惠庭酒店

首旅如家

FUNYARD HOTELS 凤悦酒店

城市便捷 酒店连锁

OUR PROJECTS

vietnam-TTC-hotel

vietnam-Bella-Begonia-hotel

GRAND MERCURE

Saudi-Arabia--Palais-du-Desert

Hilton Hotel

Indonesia-Oakwood

US-Oasis-Hotel-Palm-Spring

US---Hotel-Tucson

US-Days-Inn

US -Motel 6

Asia-vera-Costa-HOTEL

Middle-East---Xafira-Deluxe-Resort-&-Spa

Australia -Ibis

Australia-Best-Western-Lake-Hotel

Zambia -Mika-hotel

Greece-indigo-Mare

Greece---Almyrida-Beach Hotel-1

Morocco-Eden-andalou-suites