STANLEY

DIAMOND SERIES
DIGITAL DOOR LOCK

DIAMOND SERIES
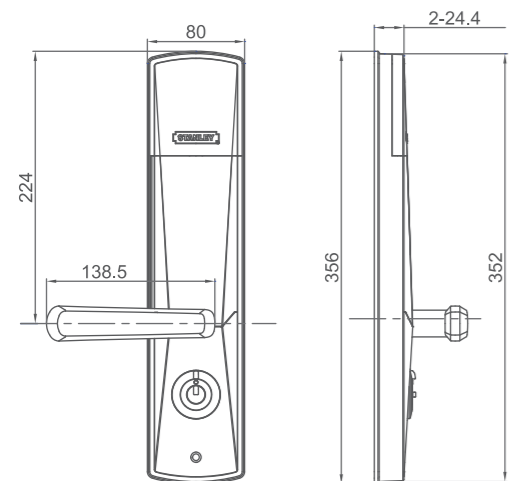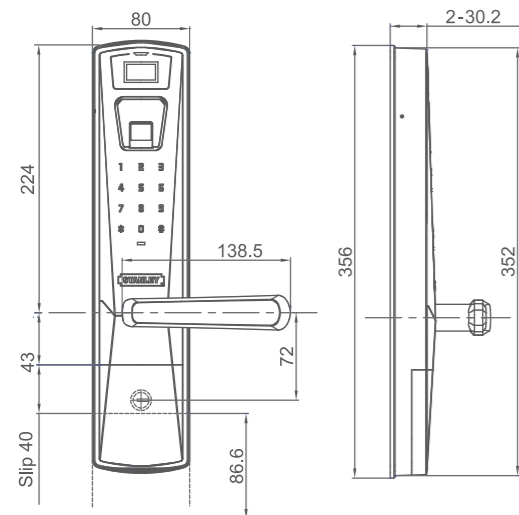## DIGITAL DOOR LOCK

STANLEY

PRECISE CASTING BRINGS SAFETY AND RELIABLE

Z 100 / M 100

Patent Design

Digital door lock

Z100 fingerprint digital lock

Individualized lock with optical fingerprint module and OLED display screen

■ Silver ST-Z100-001
■ Gold   ST-Z100-002

Product features

Auto lock design, delicate and safe
Automatic door locking features with no need of pulling up, X parallel locking points, provided with anti-panic egress function

Fashionable & gorgeous design fitting in all life style
High security locks with no compromise on design to match your life style

Scramble code feature giving extreme privacy & security
Scramble code system preventing the access code from exposure to others

Optical fingerprint identification, safe and convenient
Advanced optical fingerprint module, easy, safe, and reliable

Easy master/normal mode changeable providing great home security
Turn to master mode easily to change the individual user access

Highly secured with Hazard alarm functions included
Anti locking, anti theft & other warning features to protect your family & property

More features

OLED screen. Easy and convenient use by following the operation instruction

Energy saving touch pad, one touch feature

Various opening modes: Fingerprint, password, and mechanical key

Large memory, maximum registration of 200 fingerprint and 20 passwords

3 level security control: administrator, master, and common user

Optional wireless module connecting with remote controller to operate it

Energy saving: indoor power-cut switch

Apply to villa, high end apartment and office

Open mode is possible as passage function

Standard door thickness: 45mm - 55mm; other thickness may be indicated at order

Support passage function

Unit:mm

Fingerprint reader	Optical module
Fingerprint reader window	Anti-scratch tempered quartz glas
Sensor Speed	<1s
Read angle	±60˚
Resolution	500 dpi
Comparison type	1：N
Search mode	1：N
False rejection rate (FRR)	0.1%
False acceptance rate (FAR)	0.001%
Max. Fingerprint capacity	200
Pin code	4-6 digits
Password safety	Scramble code system
User password capacity	20 passwords
Touch Pad Screen type	Capacitance touch pad
Temperature	-20˚C~+60˚C
Humidity	40%~90% (condensation free)
Emergency power	9V
Power supply	DC6V(4*1.5V AA alkaline battery)
Duration (Battery)	Average 10000 accesses
Display Screen	OLED screen
Wireless remote control Module	Optional
Auto locking/Anti-panic egress	Supported
Anti locking, anti theft & other warning features	Supported
Passage Function	Supported

Opening direction

Left inward opening (LH)　　Right inward opening (RH)

Correct fingerprint input

Place finger firmly on the center of fingerprint reader until you hear the tone. Ensure direct contact between finger and finger-print collection window, and align the fingerprint center with the center of collection window to the maximum so as to cover the collection area as much as possible. Never rotated or shift the finger as properly placed in case of fingerprint collection. Do not shift off finger until the prompt voice is given out.
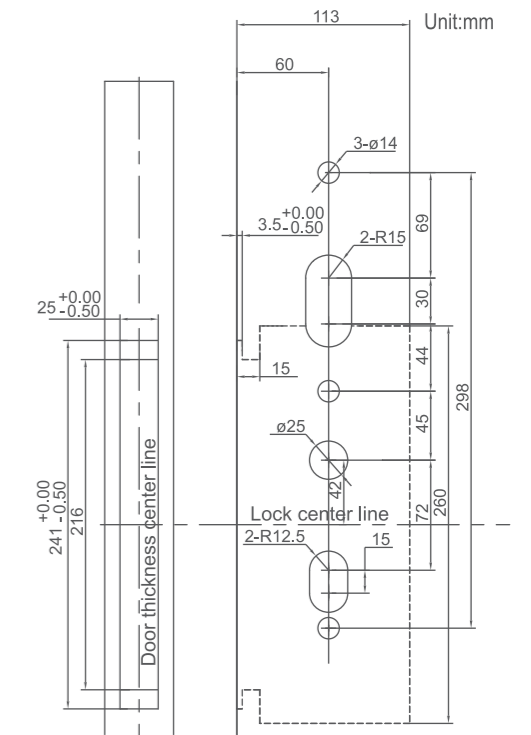
Unit:mm

Lock tapping diagram:
(The diagram is for reference only; please refer to the instruction sheet in the digital lock package.)
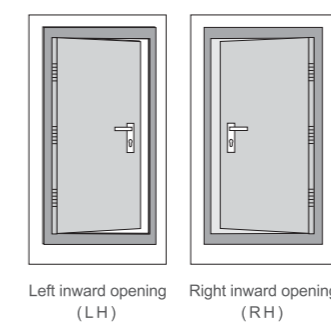
Patent Design

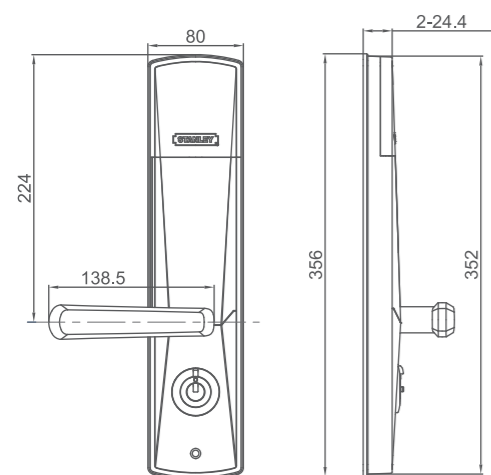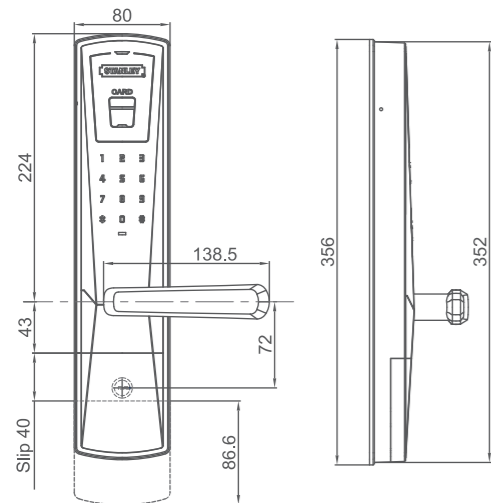### Digital door lock

M100 Proximity card & combination coded lock

	Silver	ST-M100-001
	Gold	ST-M100-002

Unit:mm

80
224
138.5
72
43
Slip 40
86.6

356
352

80
2-24.4
224
138.5
356
352

Unit:mm

Product features

Auto lock design, delicate and safe
Automatic door locking features with no need of pulling up, X parallel locking points, provided with anti-panic egress function

Fashionable & gorgeous design fitting in all life style
High security locks with no compromise on design to match your life style

Scramble code feature giving extreme privacy & security
Scramble code system preventing the access code from exposure to others

Multi easy to use features
Compatibility with all non-contact radio frequency card of protocol ISO/IEC 14443 Type A, safe and versatile

Easy master/normal mode changeable providing great home security
Turn to master mode easily to change the individual user access

Highly secured with Hazard alarm functions included
Anti locking, anti theft & other warning features to protect your family & property

More functions

Various opening modes: Proximity card, password, Proximity card + password, and mechanical key

Large memory, maximum registration of 200 cards & 80 passwords

Three level security control: administrator, master card, and guest card

Optional wireless module connecting with remote controller to operate it

Energy saving: indoor power-cut switch

Apply to villa, high end apartment, and office

Support passage function

Standard door thickness: 45mm - 55mm; other thickness may be indicated at order

Energy saving touch pad, one touch feature

Radio frequency card support	Mifare one S50/S70 (Support ISO/IEC14443 Type A)
Frequency	13.56MHz
Sensor Speed	<0.5 s
Valid reading distance	25mm (limit value)
User card capacity	200
Pin code	4-6 digits
Password safety	Scramble code system
User Password capacity	80 passwords
Touch Pad Screen Type	Capacitance touch pad
Temperature	-20˚C~+60˚C
Humidity	40%~90% (condensation free)
Emergency power	9V
Power supply	DC6V(4*1.5V AA alkaline battery)
Duration (Battery)	Average 10, 000 accesses
Wireless remote control Module	Optional
Auto locking/Anti-panic egress	Supported
Anti locking, anti theft & other warning features	Supported
Passage Function	Supported

Unit:mm
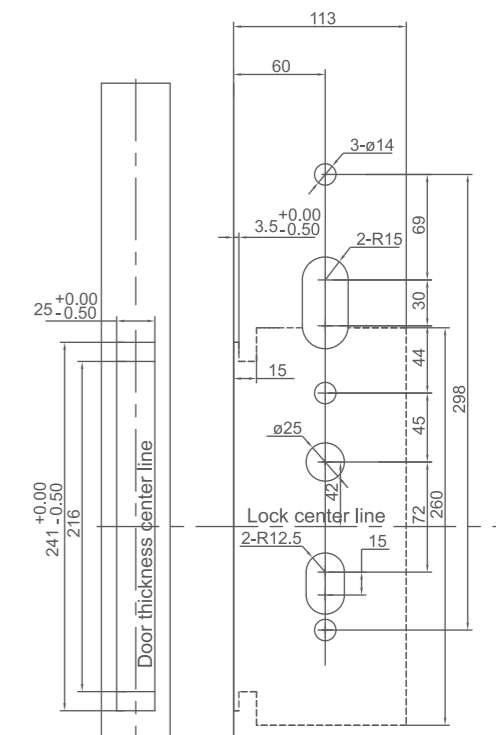
113
60
3-ø14
3.5 +0.00 -0.50
2-R15
69
25 +0.00 -0.50
15
30
ø25
45
241 +0.00 -0.50
216
44
298
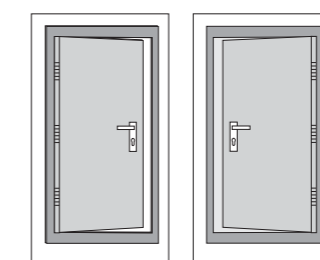Door thickness center line
Lock center line
2-R12.5
42
72
260
15

Lock tapping diagram:
(The diagram is for reference only; please refer to the instruction sheet in the digital lock package.)

Opening direction

Left inward opening
(L H)

Right inward opening
(R H)

STANLEY

ENJOY THE PRESENT
TOWARD THE FUTURE

I 200

Proximity card & combination coded lock

Patent Design

Digital door lock

I 200 Proximity card & combination coded lock

- Silver
- Gold
- Calx
- Red bronze
- Black

Radio frequency card support	Mifare one S50/S70 (Support ISO/IEC14443 Type A)
Frequency	13.56MHz
Sensor Speed	<0.5 s
Valid reading distance	25mm (limit value)
User card capacity	200
Pin code	4-6 digits
Password safety	Scramble code system
User Password capacity	80 passwords
Touch Pad Screen Type	Capacitance touch pad
Temperature	-20˚C~+60˚C
Humidity	40%~90% (condensation free)
Emergency power	9V
Power supply	DC6V(4*1.5V AA alkaline battery)
Duration (Battery)	Average 10, 000 accesses
Wireless remote control Module	Optional
Auto locking/Anti-panic egress	Supported
Anti locking, anti theft & other warning features	Supported
Passage Function	Supported

Product features

Auto lock design, delicate and safe
Double latch lock case or X parallel locking points with surface vertical rod exit device for choice , automatic door locking features with no need of pulling up, provided with anti-panic egress function

Scramble code feature giving extreme privacy & security
Scramble code system preventing the access code from exposure to others

Easy master/normal mode changeable providing great home security
Alarm with both sound and light after 3 wrong password key in or 3 times wrong card swiping, the lock will be locked for 5 minutes

Creative design for concealed cylinder:
Special invisible cylinder structure design, use double row 6 pin brass cylinder

Fashionable & color variation design fitting in all life style
Contemporary design, more finish for customerization

Multi easy to use features
Philips Mifare one S50/S70 card can be used, high encryption security, compatibility with all non-contact radio frequency card of protocol ISO/IEC 14443 Type A, safe and versatile

Highly secured with Hazard alarm functions included
Anti locking, anti theft & other warning features to protect your family & property

More functions

Various opening modes: Proximity card, password, Proximity card + password, and mechanical key

Energy saving: indoor power-cut switch

Support passage function

Energy saving touch pad, one touch feature

Large memory, maximum registration of 200 cards & 80 passwords

Optional wireless module connecting with remote controller to operate it

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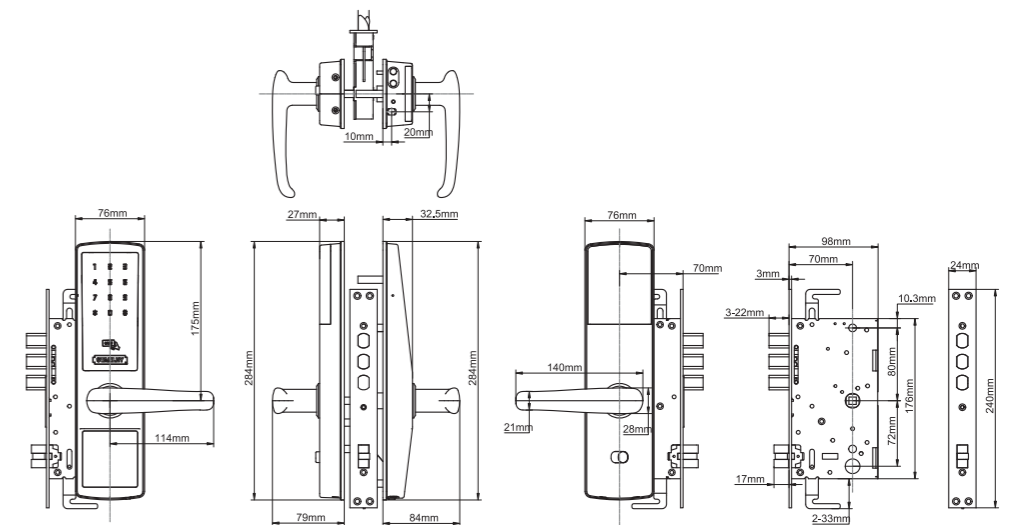Standard door thickness: 45mm - 55mm; other thickness may be indicated at order
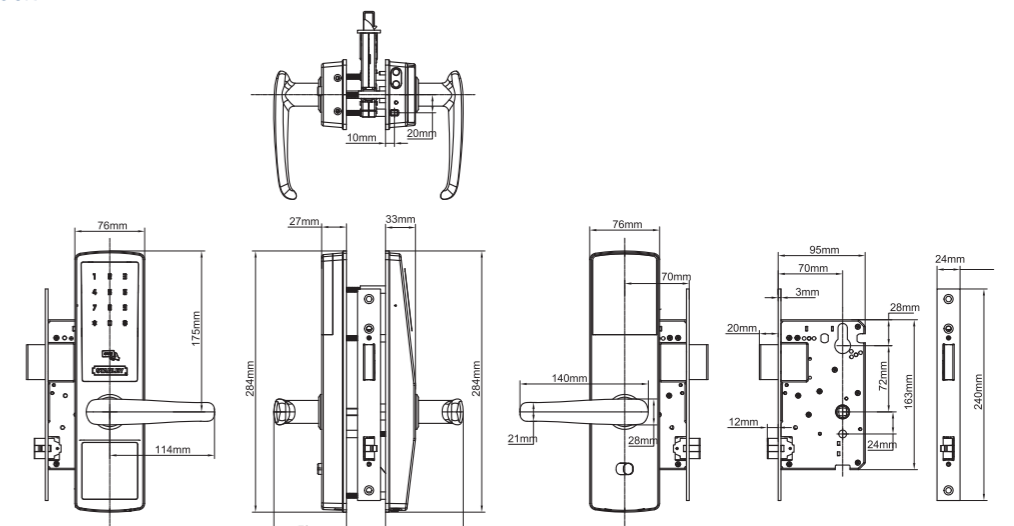
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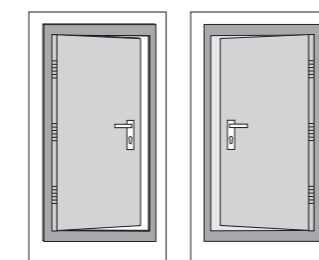
3 BULLETS STYLE MORTISE LOCK
(For metal doors)

Unit:mm

DOUBLE LATCH STYLE MORTISE LOCK
(FOR WOOD DOORS)

Opening direction

Left inward opening
（LH）

Right inward opening
（RH）

PRODUCT CODE	DESCRIPTION	FINISH
ST-I200-001LH	I200-Wood door(Double latch)	SILVER
ST-I200-001RH	I200-Wood door(Double latch)	SILVER
ST-I200-002LH	I200-Wood door(Double latch)	GOLD
ST-I200-002RH	I200-Wood door(Double latch)	GOLD
ST-I200-003LH	I200-Wood door(Double latch)	CALX
ST-I200-003RH	I200-Wood door(Double latch)	CALX
ST-I200-011LH	I200-metal door (3 BULLETS)	SILVER
ST-I200-011RH	I200-metal door (3 BULLETS)	SILVER
ST-I200-012LH	I200-metal door (3 BULLETS)	GOLD
ST-I200-012RH	I200-metal door (3 BULLETS)	GOLD
ST-I200-013LH	I200-metal door (3 BULLETS)	CALX
ST-I200-013RH	I200-metal door (3 BULLETS)	CALX