#### YDM 3109



ASSA ABLOY ISL-1213-00 rev.1 \*\* The functions and design of this product can be changed without notice for quality improvement. \*\* Chinese manual is from 33 page. (中文说明书从第33页)



# **Digital Door locks** User Manual

Keep this manual safe for future reference

#### Please read the following before using your Yale product

- This product is designed and manufactured to assure personal safety. Improper use can result in personal damage or property loss. Please observe the procedures for installation, use and servicing.
- Yale is a precision electronic device. All safety and operating instructions should be read before the product is operated.
- ·Refer all servicing to qualified service personnel. Servicing is required when the product is damaged or to be re-installed.
- Check your installation conditions with the local service provider before installation as your door prep might be different from the standard this lock conforms with.
- The products warranty does not cover defects or damages arising from the door defects, improper installation, lack of or improper maintenance, improper storage, shipping and handling, ordinary wear and tear, misuse, abuse, accident, unauthorized service or use with unauthorized service parts.
- Disassembly, rework and reverse engineering are prohibited without a written approval of Yale except for a normal installation of the product.
- The trademarks, trade names, designs, copyright, patents and other proprietary right used on or embodied in the product and this manual shall remain the exclusive property of the manufacturer, cannot be copied or used in any form without the written authorization by Yale.
- ·Visit our website www.yaledigital.com.cn for more information on the products.
- •The information in this manual is subject to change without notice.

	NT SAFETY TIONS	inconvenienc	the following saf e. Children sho convenient place
<b>A</b> Caution mus	st be followed to	protect yourse	elf and your prop
Note exp	lains product fu	nctions and fea	tures.
Ć	> prohibited		must obse
Yale digital a precision device.	door lock is electronic	cloth. D that car	only with dry o not use water n cause damage lectronic circuit.

afety instructions to prevent any accident, property damage and hould be well educated for the operating instruction. Keep this ce so that you can refer to it when necessary.





## **Overview**

#### Proximity card identification

You can use your ISO 14443 A type RFID card such as credit card or pass card as your card key.

#### Triple access

You can unlock the door by the card, the security code or the mechanical key at your convenience. You do not need to worry about accidental lockouts by losing or forgetting the key.

#### Easy re-registration of keys

If you lose a key, you can invalidate the lost key by reregistering all other keys. You can register up to 40 card keys to add users.

#### Anti-collision

Contacting multiple cards does not cause error to the lock. The card key reader will recognize the card key among a pack of cards.

#### Easy and simple operation

One-touch operation allows every user including children and senior the simplest use.

#### Automatic locking

Just closing the door will automatically lock the door. Manual operation is also available.

#### Break-in / Damage alarm

80dB alarm will go off if anyone attempts to damage the lock or forces the door open.

#### Safe handle

Protects from any break-in attempts through the safe handle.

#### Verification with the palm

The security code is verified by palm touching to randomize any fingerprint residues on the keypad so protect from exposing it.

#### Emergency power supply

When the batteries are completely discharged you can easily supply emergency power to the lock with the 9V battery.

#### Volume control

You can change the volume. The break-in alarm still operates even if the silent mode is on.

#### Forced lock mode

Internal forced lock prevents anyone to unlock from the outside and external forced lock makes only manual thumbturn available to open the lock from the inside.

#### Remote control

You can use a remote control by installing the applicable Remote control module. (This option may not be available depending on your country or local dealer.)

#### Smart Pad

Keypad displays functional operation with lighting.

#### **Basic Operation**

#### A Please do remember below operation!



## CONTENTS

#### **Specifications** Identification of Product How to use 1. Registering Card Keys 2. Registering Security Code 3. Locking the door from the outside 4. Unlocking the door from the outside 5. Locking the door from the inside 6. Unlocking the door from the inside 7. Enabling/disabling Safe handle. 8. Automatic / Manual Lock Mode 9. Forced Lock Mode 10. Break-in / Damage alarm 11. Wrong-try Lock-out 12. Volume control 13. Battery use & Replacement **14. Displaying operation status (Smart Pad)** 26

08	Option
00	1. Remote control module 27
09	2. Remote control 28
11	Gautions
13	1. Emergency power supply 30
14	2. Lost card key 31
15	3. Product malfunction 31
17	4. Emergency mechanical key override
17	
18	[] Chinese Manual(中文简单说明书) 33
20	
21	
22	
23	
24	
25	
26	

## **Specifications**

Parts		Specifications	Remarks	
Fro	ont (Front Body)	68.6(W) x 306.6(H) x 27(D)(70.6)mm, Zinc die-casting		
Ba	ack (Main Body)	72.8(W) x 306.6(H) x 37.0(D)(80.8), Flame-Retardant ABS, Zinc D/C	Operating temperature : -15~55°C (5~131 °F)	
Lever		Zinc die-casting		
	Card Keys	4 EA	Up to 40 keys (sold separately)	
	Battery	4EA 1.5V AA alkaline batteries (Operating voltage: 4.5 ~ 6 V)	Last up to 10 months (10 times used a day)	
Lock case		Steel and SUS304		
Option	Remote Control	Wireless	Optional	

\*Battery life may vary depending on temperature, moisture levels, frequency of use and the quality of the batteries.

4 Card keys

4 Batteries

Users Manual

 Emergency keys Screws

Installation Template

\*Please make sure that all parts are included when purchasing the product.

\*Optional products may not be available depending on your country or local dealer.

#### Basic Contents



Option







**1. Front** (Front Body, install on the outside of the door)



1	
L	

Lever

#### **\* Pull down Emergency Cover**



**2. Back** (Back Body, install on the inside of the door)



**3** How to Use

#### **1. Registering Card Keys**



Contact your local dealer for additional card keys.

ISO 14443 A type RFID card can be registered as your card key.

## How 5



#### 2. Registering Security Code



40M

5

Use

#### 3. Locking the door from the outside

**\* Please check Automatic / Manual Lock Mode** 



#### **A** Caution

As the automatic lock function does not work in manual lock mode, make sure to check that the door is securely locked when leaving the premises.

#### 4. Unlocking the door from the outside





• Using the palm or pressing \* button do the same function after entering the security code. • If the card key does not work properly, please contact the card key after touching the keypad with the palm. How đ

#### Opening the lock by the fake PIN code

• This explains how to open the lock with the fake PIN code.



#### **A** Caution

- When any incorrect PIN codes are inputted five times in a row, it turns the lock down for three minutes.
- When this function is on, the user cannot use the fake PIN code function until any normal verification through key, card, fingerprint, PIN code, or opening the lock from inside is made. So, the user is encouraged to use the right PIN code without any fake number to verify the lock.



• Use the fake PIN code feature whenever there is any chance of exposing the right PIN code to others.

#### 5. Locking the door from the inside

Automatic lock mode	When set on automatic lock mode, the automatic lock sensor detects the door closing and locks the door automatically within 5 seconds.
Manual lock mode	Use [manual thumb turn] on the back body.

#### 6. Unlocking the door from the inside

button



16

Мо đ

#### 7. Enabling/disabling Safe handle

YDM3109 protects from any break-in attempts through the Safe handle button.

#### Factory default : Enabled status



- 🛦 Caution

Be careful not losing the fixing bolt when you loosen it to set the feature on.

Egressing when the Safe handle egress b	utton	is on
Egressing when the bare handle egress b	uttorr	10 011
0		9—
Down the lever while pressing the Safe handle egress button		Exa

- **A** Caution
- The locking bolt would not be retracted in case of not pressing the button.
- When the fire detection sensor is on, the feature is still on so the user must follow the usual procedure to open the door.



#### 8. Automatic / Manual Lock Mode

Automatic locking sensor which detects the door closing and automatically locks the door in 5 seconds. Automatic lock mode is a factory default setting.



#### 9. Forced Lock Mode



#### Internal forced lock mode

When internal forced lock mode is on, the keypad is not functioning.

A warning beep sound will go off if anyone attempts to verify by the security code or the card from outside.



# How to Use

#### **10. Break-in/Damage alarm**

80dB alarm goes off when the lock is damaged or anybody breaks in by force while the door is locked.



#### Turning off the alarm

(Choose one of the four options below.)



#### 11. Wrong-try Lock-out

No keypad function is available during this wrong-try lock-out delay. The break-in and damage alarm work regardless of this function.

· If incorrect security codes or unregistered card keys are attempted 5 times in a row, it will lock out for about 3 minutes with the blinking LED.



5 times

• The system will resume the operation automatically after 3 minutes of lock-out. If you press (I) [Registration] button on the back body or down the lever while pressing the Safe handle egress button, it resumes the operation.





How đ

#### 12. Volume control

This function can control the operating sounds so that the door can be opened and closed without disturbing others.



#### 13. Battery use & Replacement







#### 14. Displaying operation status (Smart Pad)

Battery Replacement warning Battery Icon lights on.	<ul> <li>External / Internal forced locking</li> <li>Starting from the left column, the LED comes on from left to right to left for twice.</li> </ul>	1 4 7 ∦ g	2 5 8 0	2 2 1 1
Dead Bolt locking motion warning Locking Icon lights on.	<ul> <li>Break-in / Damage warning         The LED keeps coming on to the clockwise when a break-in or damage is happened.(Alarm lasts for 30 minutes)     </li> </ul>	1.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4	2 5 8 0	
<b>3</b> Wrong-try Lock-out warning If incorrect security codes or unregistered card k are attempted 5 times in a row, it will lock out for 3 minutes with the blinking LED. $1 - 2^{1/3} \sqrt{3} \sqrt{3} \sqrt{3} \sqrt{3} \sqrt{3} \sqrt{3} \sqrt{3} $		1 4 7 # g	2 5 8 0	8 6 1 6
456 $\checkmark$ 456 $\checkmark$ 4789111111789911111Wrong-try Lock-out warning starts89311113333111111remainingremainingremainingremainingremainingremaining	<ul> <li><sup>6</sup> <sup>6</sup> <sup>6</sup></li> <li><sup>7</sup> Card Key registration When registering the card keys, Keypad displays the number of registered card keys.</li> <li>(Right : 3 is on ⇒ 3 keys have been registered)</li> </ul>	1 4 7 # g	2 5 8 0	۲۱ <mark>و</mark> و د

#### 2. Remote control

The remote control is an FSK(Frequency Shift Keying) type that uses a Floating ID encoding system, which changes the wireless code each time you use it, so that there is no risk of hacking. It is non-directional and the operational range is up to 10~20m.

\* Caution! The operational range may vary depending on the installation environment. Re-registration automatically deletes the previous registered remote control.





Option



#### 1. Emergency power supply

In case the batteries are completely discharged 9V battery can be used to supply electricity to the unit. Unlock with the card key or security code while contacting a **9V battery** just like the below instruction. Discharged batteries should be replaced right away.



#### 2. Lost card key

If you lose your card, rest of card keys must be re-registered to invalidate missing one.

# Caution Enter the security code in case you lose the card key or you are not carrying it. \* It is a user's liability to break the lock because the user did not register any security code.

#### 3. Product malfunction

Press reset button located in the left of [emergency power terminal] with a pin and try again with the key or the security code. If it still does not work, call for after-sales service.



Cautions

#### 4. Emergency mechanical key override

Please operate the lock with the mechanical key when there is a problem to the lock or unlock the door that is the same as below listed.

- Forgotten security code
- Electronic malfunction
- \* Please slide the cover downward





33

Manua

5

1. 卡钥匙登记 🔺 请把要登记所有卡钥匙一块儿登记!



#### 2. 密码登记



#### 3. 从外部开启



1. 卡钥匙登记 / 2. 密码登记 / 3. 从外部开启 \_ Chinese Manual /

35

虚数技能开启门





4. 自动/手动锁定设置



36

3. 从外部开启 / 4. 自动/手动锁定设置 \_ Chinese Manual

### 5. 强制锁定功能

#### 外部强制锁定功能



#### 内部强制锁定功能

全家人都在屋里时,为了安全在室外部用[卡钥匙]或 密码不能解除锁定状态的功能.



6. 解除入侵警报声方法

产品受到破坏或在自动锁定状态下裂开门缝侵入时, 具有强烈的80DB的警报音。

## 解除人侵警报声 方法❶ 方法❷ 您已登记的[卡钥匙]接触在 输人已登记的密码 [卡钥匙接触点] 2 3



7. 安全紧急快开功能设定

#### 本功能是为紧急快开功能的安全的使用。

\* 最初出库时:安钮凹唇进状态



-▲注意 设定安全紧急快开功能后、注意无头螺丝不要完全脱离把手。



- 8. 声音调整功能 ※本功能是调整其工作声音而不影响到他人休息。
- 无声音 打开室内部的电池盖后,把[声音调整按钮]转到[0]。

0 1 2

0 1 2

- ❷ 小声音 打开室内部的电池盖后,把[声音调整按钮]转到[1]。
- 3 大声音

打开室内部的电池盖后,把[声音调整按钮]转到[2]。

#### 电池更换警告 9



### 10. 电池耗尽时从外部提供电源的方法



11. 产品无法动作或异常动作时对应方法 在室外打开[紧急备用滑盖],用针按一下外部电源 接触点左边的[重新启动孔]。 如果无法作用,请给客服中心咨询。





#### 12. 紧急备用钥匙使用方法

如出现忘记密码, 电池电量耗尽或回路异常无法运作等紧急情况时, 用紧急惫用钥匙可锁门或开门。 将室外部的紧急备用滑盖往下推, 可看到紧急备用钥匙孔。 对准紧急备用钥匙孔插入钥匙并旋转, 可锁门或开门。





# 13. 智能动作显示功能(Smart Pad)

<ul> <li>● 电池更換警告显示</li> <li>■ 电池耗尽时,电池更换警告</li> <li>灯闪烁着红色灯</li> <li>1 2 3</li> <li>4 5 6</li> <li>7 8 9</li> <li>6 6</li> </ul>	<ul> <li>④ 强制锁定状态显示</li> <li>在强制锁定状态下,锁开启时, 警告灯闪烁如右图。</li> </ul>
② 锁舌(Dead Bolt)动作警告显示 ↓ 2 * ↓ 4 5 6 ↓ 5 6 ↓ 6 6 ↓ 6 6 ↓ 6 6 ↓ 6 6 ↓ 6 6 ↓ 7 * 9 ↓ 6 6 ↓ 6 6 ↓ 7 * 9 ↓ 6 6 ↓ 7 * 9 ↓ 6 6 ↓ 7 * 9 ↓ 7 * 10 ↓ 7 *	⑤ 入侵警报显示 入侵警报发生时,警告灯闪烁如右图. (警报状态继续30分钟)
<ul> <li>3分钟自动锁死显示</li> <li>卡钥匙和密码连续进行5次错误操作,本产品的工作 会自动停止3分钟。智能按键显示剩下的时间。</li> <li>↓ <sup>1</sup> <sup>2</sup> <sup>1</sup> <sup>2</sup> <sup>1</sup> <sup>2</sup> <sup>1</sup> <sup>2</sup> <sup>1</sup> <sup>2</sup> <sup>1</sup> <sup>2</sup> <sup>2</sup> <sup>1</sup> <sup>1</sup> <sup>2</sup> <sup>2</sup> <sup>3</sup> <sup>1</sup></li> </ul>	6 登记的密码确认显示       1 2 3         密码登记完时,显示登记的密码。       4 6 6         例)密码:1,2,3,4,5,6       9 9         』       4 6 6
4     5     6     7<	<ul> <li>⑦ 登记的卡钥匙数量显示</li> <li>卡钥匙登记时,显示登记的卡钥匙</li> <li>总数量。</li> <li>例)密码:3 ◆ 总共3张卡记登记</li> </ul>

45

14. A/S(销售服务)

产品出现异常时,请与安装点(销售点)联系。

产品保修期间可以无偿享受A/S。但是因消费者使用不当出现A/S或超过保修期。被认定为有偿A/S。

● 消费者维修类型

(产品保修期为购买之日起一年)

兴 弗 老 44 经 标准		维修內容	
	消费者维修标准		保修期以后
	购买安装後,12月以内出现故障时	免费修理	有偿修理
在正常	出现同样的故障2次时	免费修理	有偿修理
使用状态下	出现同样的故障3次时	更换产品	有偿修理
	无修理用部件时	更换产品	有偿修理
	消费者失误造成的损坏	有偿修理	有偿修理
<b>十十</b> 単	电池等消耗品的更换	有偿修理	有偿修理
非正常   使用状态下	产品原使用目的外的使用引起的故障及损坏	有偿修理	有偿修理
	故意或消费者自行拆装等原因引起的故障及损坏	有偿修理	有偿修理
	丢失密码时的拆装	有偿修理	有偿修理
因意外灾害(如火灾,水灾,煤气事故等所出现的故障及损伤		有偿修理	有偿修理



※没有A/S产品保修卡时, 被认定为有偿修理服务, 所以请保管好此卡。

※公司联系号码 iRevo Inc. 上海易保电子有限公司 中国上海市闵行区先锋街25号宝纳大厦9楼E, F室(邮编: 201103) 电话: (021) 6446-4067 传真: (021) 6406-0521

▲ 注意

没有或丢失产品保修卡时被认定为有偿A/S, 所以请务必保管好产品保修卡及发票。



. . . .



公司网站 www.yaledigital.com.cn www.irevo.com.cn



	型号	
址		
日期		
人员 名	电话号码 (H.P)	

