Column 1

unicor ®
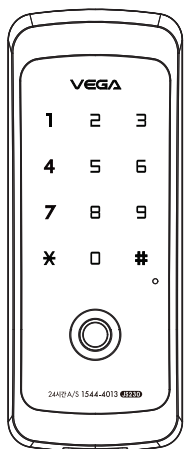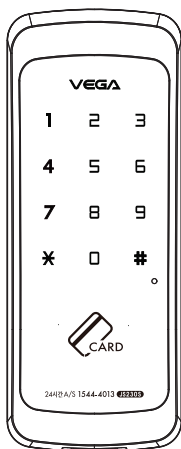Since 1970

Safety Brand in the life

JOYLOCK

USER MANUAL(JS-230 Series)

- ■ Diecasting Alloy
- ■ Human Detection System
- ■ Electric Shock Prevention System
- ■ Double Safety System Against Fire
- ■ Imaginary Code System to prevent exposure secret code
- ■ High Quality Individual Lighting Touchpad
- ■ Double Security System

JS230   JS230S

- ● **JS-230 :** Secret Code + Digital Touch Key (2W)
- ● **JS-230S :** Secret Code + Smart Card (2W)

UNICOR HIGHTECH CO., LTD   www.unicor.co.kr

Column 2

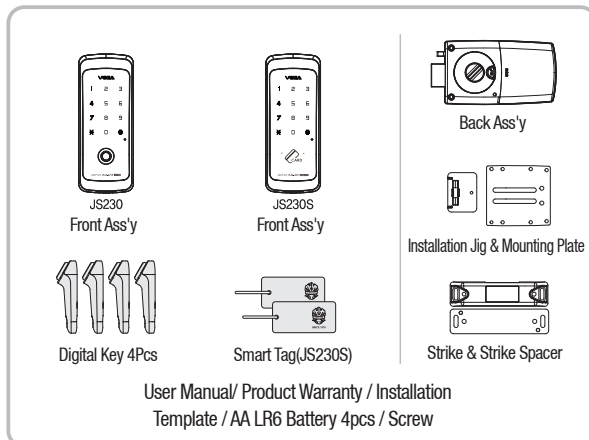# Caution for Safety

⚠ Warning For safety precaution is to ensure the safety of the user due to accident, property damage and prevent inconvenience. Please should read before use it.

- ● Do not disassemble or alter the lock.
- ● Do not install where the distance over 5mm between the door and door frame.
- ● Please do not expose the secret code and change the secret code in regularly.
- ● Batteries should npt be exposed directly to heat sources or flames, or submerged in water, because they may leak or explode, resulting in severe damage. Please do not use damaged batteries.
- ● Do not press using sharp tools or press numeric button excessively
- ● Please make sure the batteries are inserted correctly(+/-) as indicated in the battery component. Otherwise, it ay cause a leaks or explosions.
- ● Please do not mix old with new batteries or use different types. Always use new alkaline batteries.
- ● Do not clean the product with flammable materials such as alcohol, benzene or thinners. Such materials may damage the surface or cause a fire.
- ● Pleae change all the batteries within 7 days after hear first melody to change battery.
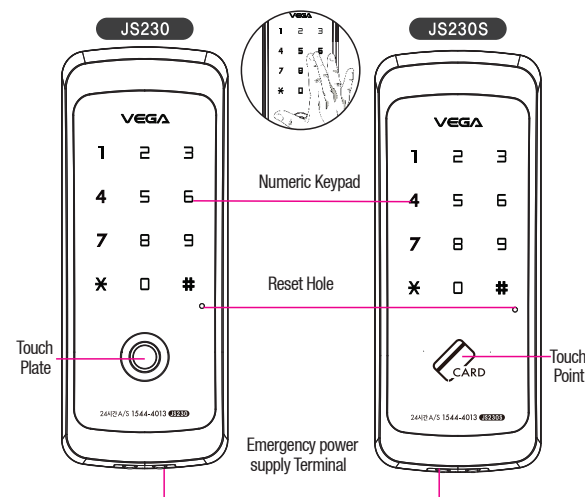
Product Composition

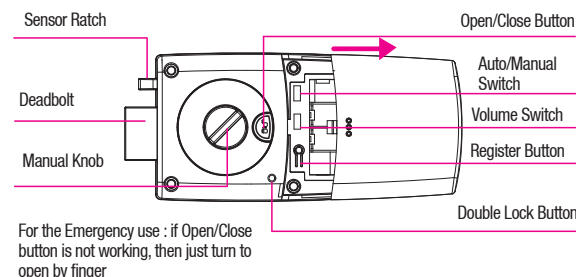Product composition may be subject to change depending on the installation environment.

JS230 Front Ass'y   JS230S Front Ass'y

Back Ass'y

Installation Jig & Mounting Plate

Digital Key 4Pcs   Smart Tag(JS230S)

Strike & Strike Spacer

User Manual/ Product Warranty / Installation Template / AA LR6 Battery 4pcs / Screw

⚠ CAUSION

As this is a keyless digital door lock, damage may occure to parts of the dead lock system if it is not used according to the manual, Users should be fully aware of the manual and how to operate this product.

2

Column 3

Specification(Front Ass'y)

JS230   JS230S

Numeric Keypad

Reset Hole

Touch Plate

Touch Point

Emergency power supply Terminal

Specification(Back Ass'y)

Sensor Ratch

Deadbolt

Manual Knob

Open/Close Button
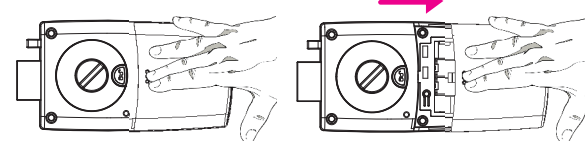
Auto/Manual Switch

Volume Switch

Register Button

Double Lock Button

For the Emergency use : if Open/Close button is not working, then just turn to open by finger
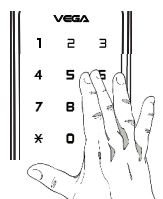
To Open the Battery Cover

Press slightly battery cover and push to the direction of the arrow to open.

3

Column 4

To Open the Door From Outside (Secret Code)

The product set to double security mode from origianlly purchased. Please refer "how to set double security mode" if you want to change normal mode.
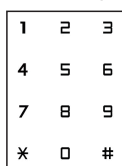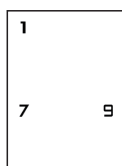
1. To touch [Numeric Keypad]

Touch the [Numeric Keypad]

2. To enter the secret code

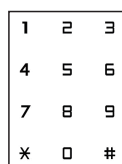**Double security mode**

Success : "Biriri"
Fail : "Biribiri"

Press [*] button after enter the secret code being light on all the numeric keypad

The light comes on any 3 numeric button, then just press them regardless in oreder

Normal mode

Success : "Biriri"
Fail : "Biribiri"

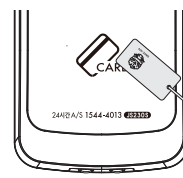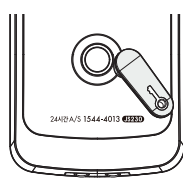Press [*] button after enter the secret code being light on all the numerickey pad

📝 Note
- ● The secret code should enter after numeric lamp turns on, and if numerice lamp off during entering code, then please touch [Touch Keypad] and enter secret code again.
- ● After wrong codes are entered 3times in a keypad will become inactive for half a minute with a alram "Biriri Biriri Biriri"..

4

Column 5

To Open theDoor From Outside
(Digital Key / Smart Tag)

Touch registered the digital key or the smart tag at the touch plate or tag touch point where on the front ass'y

Success : "Biriri"
Fail : "Biribiri"

Touch registered the digital key or the smart tag at the touch plate or tag touch point and the door open after a second front ass'y

📝 Note
- ● If the digital key or smart tag have problem with automatic recognition on the touch plate, then please touch again after touched [Touch Keypad]

To Open/Close the Door From Inside

Open the door by Electronic

"Biririk"

Press [Open/Close] button to open being deadbolt locked

Close the door by Electronic

"Biriririk"

Press [Open/Close] button to lock the door in manual mode after closed the door

Open the door by Mechanical

Turn manual knob to open being deadbolt locked

Close the door by Mechanical

Turn manual knob to close after the door closed

5

Column 6

Register Secret Code

The secret code can register between 3 to 20 digits and 1 secret code can use

1. Press [Register] Button   2. Enter a New Secret Code   3. Finish to Register

"Bibi"   "Biriri"

Press [Register] button shortly afte open the battery cover.

Enter a new secret code(3~20 digits)

Press [Register] button to set on

! CAUSION
- ● please use secret code over 6 digits to prevent exposuresecret code (Can be used the numeric 0 ~ 9 only).
- ● Do not exposed secret code to any 3rd person. For this, you should change secret code regularly.
- ● Automatically delete existing secret code after register a new secret code
- ● You should check what a new secret code is register properly or not before close the door.
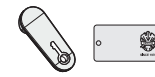
To Register Digital Key / Smart Tag

It will be automaticall deleted all existing digital keys or smart tags if register new one, therefore you should register in once time up to 50pcs each of them

1. Press [Register] Button

"Bibi"

Press [Register] button shortly after open the battery cover.

2. Touch Digital Key or Smart Tag

Touch the digital key or smart tag at the touch plate or touch pont

3. Finish to Register

"Biriri"

Press [Register] button to set on

📝 Note
- ● It can be registered several digital keys or smart tags, you should touch continuously digital key or smart tag within 7second after start to register first digital key or smart tag, and it will set up automatically after 7 seconds.
- ● To confirm the register properly or not with the door open.

6

To Set/Release Double Security
This function is any of the three numbers to authenticate after enter registered secret code for exposure secret code to the other person
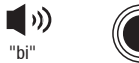
To set

"bibi"
Press [Register] button after open the battery cover

Press "6" button

"bi"
[4] button : Realse
[6] button : Ste up

"bi"
Press [Register] button to set up double security system

To release

"bibi"
Press [Register] button after open the battery cover

Press [4] button

"bi"
[4] button : Realse
[6] button : Ste up

"bi"
Press [Register] button to release double security system

The factory is not set up this function, please use after set up

To Set Auto/Maual Locking
The door is locked automatically or manually when the door closed

The [Manual/Auto] switch position ishould be at [Manuall] or [Auto]

Maual Auto

- Auto Locking : Automatically locking the door within 3 seconds after the door closed
- Manual Locking : Press [Open/Close] button after closed the door in manual mode

To Set/Release Volume
It can be control the beep volume when the door lock or unlock

---

0 1 2

- Control the volume switch after open the battery cover
- [0] = Mute(warning sound is keeping)
  [1] = Mids, [2] = High

To Release Double Security from Outside
In case you accidentally double locking set on, it can be released double locking mode from outside.

1. Touch[Numeric Pad]   2. Enter Secret Code   3. Press [#]
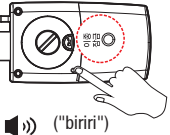
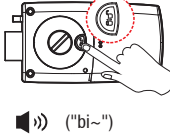4. Enter secret code again   5. Press [*]

To Set/Release Double Locking
Double locking function is the door can not open from outside.

Double Locking Set

Release Double Locking

("biriri")

Press [Doublelock] button 3 seconds while the door is closing

("bi~")

Turn [Manual Knob] to open or press [open/close] button

※ The factory mode is original set(Release)

Mute Mode Function
It is designed to be totally silent during operation so as not to disturb the neighbor

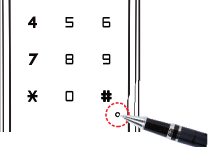1. Touch [Numeric Pad]   2. Press [#]   3. Enter Secret Code   4. Press [*]

System Re-set Function
This is emergency solution such as reset of system due to temporarily unstable circuit operations.
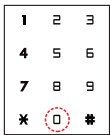
Press reset button

("biririk")

External Forced Locking Set/Release
It makes strengthen security in case of long-term outing.
It will be alarming if operate the device indoor side.

External Forced Locking Set

External Forced Locking Release

Press [0] after touched numeric pad in the locking state.

It will release automatically if using registered digital key or smart tag and secret code from outside

Warning/Emergency Sound Release
Remove out battery after open the battery cover or touched digital key or smart tag or enter secret code with press [*]

To Replace Battery

When replace the beep melody comes on
It will notice to replace the battery when those batteries getting low voltage.

How to replace the battery
After the first beep is sounded, please replace all the batteries to new batteries within 7 days.
- It will stop the system, if not change the batteries after the beep sounded
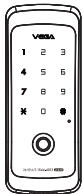
CAUSION

● The battery life span may differ according to manufacturer,date of manufacture, using environment
(AA, Alkaline 1.5V 4pcs, Lifes pan :10 ~12 months if 10 times to use per day)
● Please check the batteries every 6 months to see if the batteries are leaking, in this case , the product will be damaged
● It can not change secret code, digital key, smart card after battery replacement beep is sounded until replace new battery.

To Use Emergency Power(Battery)
When it is time to replace the battery, and continue without replacing the battery, the battery is discharged and the door lock not functioning normally.

How to use emergency power
Purchasing square battery(6F22 / 9V),
- Using alkaline battery only

While contacting the external emergency power terminal with a 9V(6F22) square battry, enter the secret code or contact digital key / smart card

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Human Body Detection Function Set/Release
* The door can be opened/closed by only human hands due to capacitive touch type

To Set

1. Press [Register] button   2.Press [5]   3. Press [Register] button

"bi"
Press [Register] button after open battery cover

"bi"
Press [5] button

"bi"
Press [Register] button to end

To Release

1. Press [Register] button   2. Press [8]   3. Press [Register] button

"bi"
Press [Register] button after open battery cover

"bi"
Press [8] button

"bi"
Press [Register] button to end

Intrusion/Breakage Alarm Function
Notice in danger state by alarm for 3 minutes due to remove out the lock device by forced or breakage by abnormal way in door locked.

High Temperature Warning System
- If this system detect high temperatures, then it will activate an alarm, and release door locking function to evacuate peoples quickly(This function is basic system, therefore there is no setting or releasing the function). It will activate at 60℃, it can vary depending on the installation environment.
It will open the door within 5 seconds and alarm for 5 minutes when it detect the high temperature(It will normal operation when the temperature down normally).

Product Specifications

Division	Specification	Remarks
Front Ass'y	68(W) X 173(H) X24(D) mm	Power : DC6V Operating Temperature : -20 ~ 60℃ Sensor Activate : at 60℃
Back Ass'y	90(W) X 157(H) X 36(D) mm	
Strike	AL Alloy Diecasting	Distance of Sensor : 2cm
Digital Key	4pcs	Up to 50pcs Register
Smart Tag	2pcs(For JS230S Model)	
Battery	1.5V AA LR6 Alkaline 4pcs	Battery life span is for 10 months based on 10 times to use a day.

※ The battery valadity can vary depending on batterymanufacturer, production date, using environment andfrequency.

Description		Fees	
		Within warranty	Over warranty
General Compensation	Within a month after purchase	Replacement	Repare with fee
	Within a year after purchase	Free Repair	
	Same defect repeats 4times	Free Repair	Repare with fee
	Can not repair by Manufacturer	Replacement	Replacement (will apply depreciation rate)
Consumer's mistake and on purpose	No failure product	Repair with fee	
	Consumer's error and carelessness		
	Wrong installation and other		

Consumer's Erro and Carelessness Detailes

No failure product	Consumer's error and carelessness	Others
● Destroyed product due to lost secret code ● Re-install product by door deflection or wrong installation ● Requests check whether over product without apparent failure symptoms	● Consumer's error and carelessness ● Wrong battery inserted ● Product failure ordamage due to the use of the product other than original purpose.	● Failure and damage caused by natural disasters such as fire, flood, salt. ● Due to water infiltration, moisture condensation, chemical injection, and in case of a circuit failure inside the product

About Product Warranty
◎ Our warranty valadity is a year from product purchasing date.
◎ We will charge you even warranty period if in case of repair with charge(Service Call Charge + Royalties + Components Cost).
◎ When you apply for a service, you should present the product warranty, installation information listed.
◎ If you don't have product warranty, you can replace purchase receipt, card slips, cash receipt(Simplified receipt disapproval)
◎ If it can not prove the date of purchasing, then it will be recognized by date of manufacture + Expiration date(6 months)

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