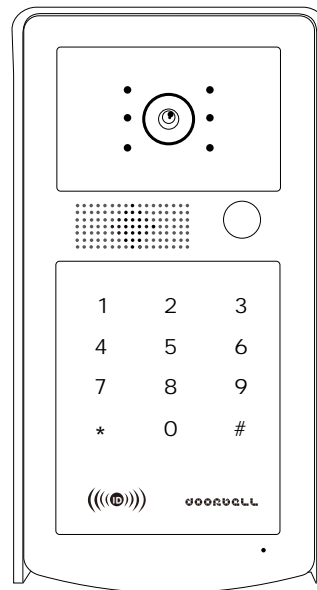


Visual intercom access control all-in-one host

Operation Instruction Manual



Please read this instructions manual carefully to ensure proper use of the product.

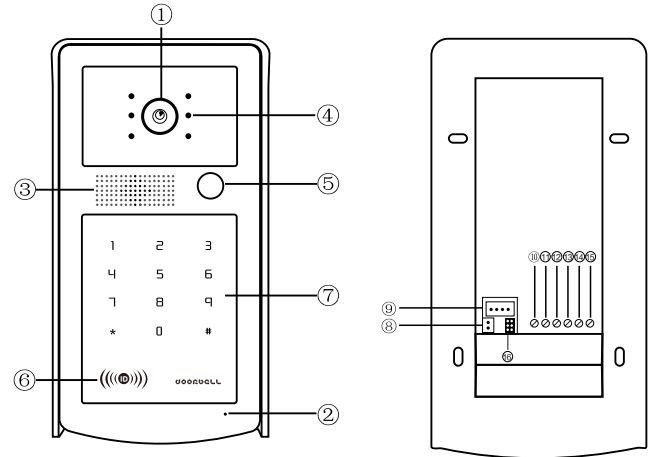
Patented products,counterfeiting not allowed

Catalogue

1.Product description.....	3
2.Operating instructions.....	4/5
3. Wiring diagram.....	6
4. Installation instructions.....	7
5.Product Specification.....	8/9
6.Common trouble shooting.....	10
7.Maintenance	11

1.Product Introduction

a.Product schematic diagram



- ①.HD camera
- ②.Microphone
- ③.Loudspeaker
- ④.Night lights(LED)
- ⑤.Call button
- ⑥.Card zone
- ⑦.Code keypad

Note:

When the outdoor camera is using of entrance guard swipe card, need the power supply controller provide the working voltage 12V-15V.

- ⑧.2P DC IN Jack or power input interface(12V-15V)
- ⑨.4P indoor unit connection socket
- ⑩.NC(Relay normally close)
- ⑪.COM(Relay common)
- ⑫.NO(Relay normally open)
- ⑬.12V- Voltage output
- ⑭.GND(power and ground)
- ⑮.12V- Voltage input
- ⑯.J5

b. Product description

The outdoor unit is three-in-one multifunctional “swiping /password” access control equipment. It is specially designed for the electric door and safety guard system. It supports unlock by swipe ID card , Password and pressing the “unlock key” of the indoor unit. Free choice to unlock type and set one way to open the door according use password grade.

This host’s setting is operate on the password keyboard directly, convenient and easy operation, safe and reliable system. Unlock by the proximity card, Satisfy the system of a higher level of security requirements, and the host has a strong anti-interference ability , Auto-diagnosis and Self-protection function , which ensure the normal operation of the system safe and effective.

The host support unlock the electric lock by Pressing the “EXIT” button of the indoor. It can store 500 unlock data information (include proximity card unlock data, password unlock data),the all storage data will not be lost due to power off, it support doorbell output, multi function and easy install. Applied to gate house, family, entrance, office ,machine room and public place - The first choice of access control device.

2.Operating Instructions

a.ID card instructions

1.Add ID and Delete ID card settings(Set before delivery)

- 1.Let J5 insert 1-2 site ,then connect the power it will enter the setting sate after buzzer ring “Di-Di-” with the green light;
- 2.Swipe the first ID card (the red light) default to be the “Add card”; Swipe the second ID card (the red light) default to be the “ deleted card”;
- 3.Let J5 insert the 2-3 position from the 1-2 position after swipe 2 cards, the setting of add and delete card is finished.

2.Add “user card”

First swipe the “Add card”, hear the buzzer ring “Di-”with the green light , then swipe the “user card” you want to add, hear the sound “Di-” represent add “user card” success, last swipe “Add card”, hear the sound “Di-Di-” with the green light out, add the “user card” is finished.

3.Deleted a single ID card

First swipe “deleted card ”, the buzzer ring “Di-”with the red light, then swipe the “user card” you want to delete, with red light continue flicker three-seconds, the buzzer ring “Di-”show delete success, last swipe “delete card” , the buzzerring “Di-Di-”and the red light-off , delete “user card” is finished.

4.Effective user card

When user valid ID card to swipe the door ,the red and green light will light up at the same time ,that show it unlock success.

5.Deleted all user card

First swipe “Delete card”, hear the sound “Di-”with red light, then swipe “Add card”, last swipe “Delete card”, the red light will flicker three-seconds, ring “Di-Di-Di-” with red light off , deleted all user card is finished.

b. Code lock – Introduction of code operation and resetting

1.Reset the “ manage password ”

“manage password” (ex-factory initial password is “1234”) is 4 digital ,that can be long-time preservation without power , The “manage password” reset by manager .

Method : Hold pressing “#” 3 seconds → Into the state of resetting(buzzer ring “Di-” 3s) → Input old “manage password” → Confirmed by press “#” → buzzer ring “Di” 3s show the password is right → Input new “manage password” → Confirmed by press “#” → Succeed in the resetting (hear “Di-Di-”).

2.Reset the “User password”

Personal user code (ex-factory initial password is “5678”) is 4 digital , that can be long-time preservation without power. The “User password” reset by User.

Method: Short press “#” 2 times in a row (buzzer ring “Di-” 3s) → Input old “manage password” → Confirmed by press “#” → buzzer ring “Di-” 3s show the password is right → Input new “User password” → Confirmed by press “#” → Succeed in the resetting (hear “Di-Di-”).

ATTN: In the operation of “1” or “2”, into the resetting state, if input wrong password ,press “#” to confirm , the buzzer will ring “Di Di Di-Di Di Di” , Exit the operation of resetting.

3.Super code

Super code (ex-factory initial password is “0986”) is 4 digital , that can be long-time preservation without power, the “Super password” reset by User: Super code can reset the “manager password” back to the ex-factory setting .

- ①.Method of use “super password” : Input “super password” → buzzer ring long “Di-” and short “Di-” → the “manager password” back to the ex-factory setting.
- ②.Method of resetting the “super password” : press “#” 5 seconds(buzzer ring “Di-” 3s, into the state of resetting → Input old “super password” → Confirmed by Press “#” → buzzer ring “Di-” 3s show the password is right → Input the new “super password” → Confirmed by press “#” → Succeed in the resetting(buzzer ring “Di-Di-”); if the buzzer ring “Di-Di-Di” , failed in the resetting.

ATTN:

1. “super password” is very important, Must Preserve and remember after installing the doorbell.
2. In the step of up operation, into the next step need 5 seconds after buzzer ring finished, or the operation will failed.

c. Indication of buzzer and LED

operation state	buzzer state	LED indicator state
1.normal working state	Null	Null
2.code lock state	short ring “Di-”	Lights on
3.succeed in open the door	long ring “Di---”	Null
4.succeed in setting	ring “Di-” 2 times	Null
5.normal swipe ID card	short ring “Di-”	lights on
6.Invalid Swipe ID card	ring “Di-” 3 times	lights on

d. Type of unlocking

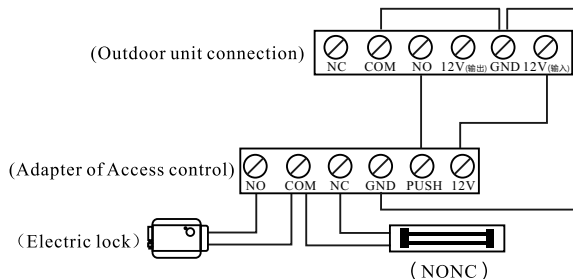
1. Swipe ID card to unlock: Normal working state swipe the normal user card to unlock
2. Digital code to unlock: Input the right password to unlock
3. Mornitor to unlock: Press the call button, Unlock by pressing the unlock key on the screen

3. Diagram Of Connection

This doorbell have 3 types to unlock, user can freely choose by their need. Easy installation. Avoid the damage because of the wrong connection, Please follow the 3 programs (down) to connect.

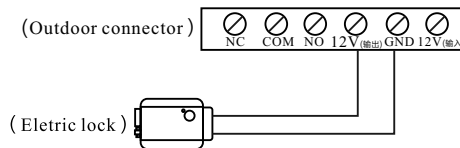
a. Connect the adapter of Access control

Connect the Door control (electric control lock electromagnetic lock/NONC ,etc) and building intercom equipments at the same time, need to connect the adapter of Access control to normal work.



b. Power through lock

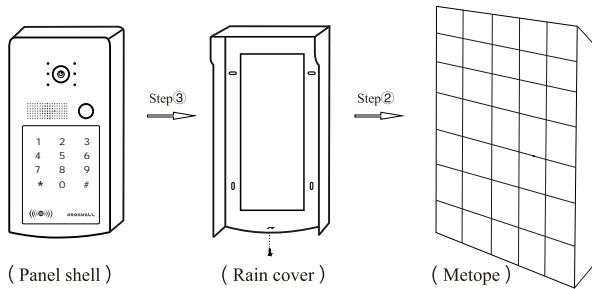
The unlocking mode to of the eletric lock is through electric lock ,and the main machine of the lock is not required to be connected with the middle device ,the electric can be directly connected ,and the lock can be opened when the power is through.



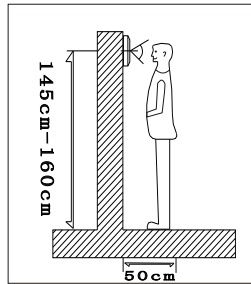
4.Installation Instructions

a.Installation steps

- 1.Remove the shell of: unscrew shell of low-end fixed screw, then gently pull outward from the bottom to shell.
- 2.Fixed rain cover: through the fixed hole of the cover to fix the cover on the wall.
- 3.Mounting Panel shell: first put the fixed blocker of the panel shell into the fixed bracket of the cover, then let the shell complete buckle into the cover, last use the screw to fix the panel shell in the cover (the fixed hole in the low-end of the cover).



Surface Mounting



The outdoor unit should avoid installing in the surface of sun or sun reflection

b.Installation notes

- 1.Don't cover the outdoor unit or cover the light of sensor
- 2.Don't install in the point of the sun or sunlight reflection directly.
- 3.The standard outdoor installation height is 145cm - 160cm(distance : the camera center distance from the ground).
- 4.Please ensure correct installation line, otherwise, can't normal use possible

5.Product Parameter

Project	Parameter	Project	parameter
Power supply mode	Connect the power supply / Connect the Indoor monitor	Material of product	Aluminum alloy cover; ABS engineering Plastic back shell
Power	Standby:0w Operating:2w	Type of Swipe card	ID card
Camera	0.3 Mega Pixels	The quantity of ID card	500pieces
Night vision function	Infrared night vision	Reading distance	20~50mm
Infrared distance	3-5 Meters	Time of read card	< 1秒
External dimension (Including the rain cover)	180mm*98mm*45mm	Reading current	< 50mA
Operating Temperature	-30℃~+60℃	Store swipe card data	Maximum 500 series
Operating humidity	12%~90%	Password quantity	Common a Set
Installation Method	Surface Mounting	Password Length	4-digit number
Product Weight	400g	Password Setting	Any combination of Digital

6.Common Trouble Shooting

a. The fault statement

1.Faults form:Operation without any response

Fault analyze : Check the power interface if there is a 12V Adapter ; check whether the indoor monitor is connected to the power or not, when the outdoor unit is powered by the indoor monitor; check the wiring is correct; Check the quality of power supply and connection line(if there is a failure or short circuit).

2.Faults form: Can't unlock with password

Fault analyze: Check your input password is correct; check your operation is correct, read the instructions carefully, check the set password method , Sure the password is set success; check if the electric lock have fault .

3.Faults form: Can't unlock with swipe the card

Fault analyze : Use the invalid card, the swipe area background light is not working, but can hear the ring of the buzzer. In such circumstances, check the user card if it has been added as a user card success .The distance of swiping card should not be too far. Check if the electric lock has fault.

4.Faults form: No voice of the intercom or the intercom sound bad

Fault analyze: Check the voice wiring is correct. Check the Speaker and MIC can be used normally. Notice that the distance between outdoor camera and indoor monitor is in 100 meters will get best result.

7.About The Maintenance

- ①.When install video door phone in the wall, need to pay attention to avoid strong vibration, avoid collision, percussion, lest cause damage of metope.
- ②.Be careful not to use wet cloth or hand to wipe the doorbell.
- ③.When cleaning should use soft cotton to wipe, had better not use chemical detergent, in order to avoid corrosion of the surface material.
- ④.Equipment should be installed in dry, little dust, should avoid sun direct sun exposure, prevent the erosion of the snow, in order to prolong the life cycle of equipment.

- ⑤.During the installation process, serious power operation, wiring should be far away from disturbance sources.

