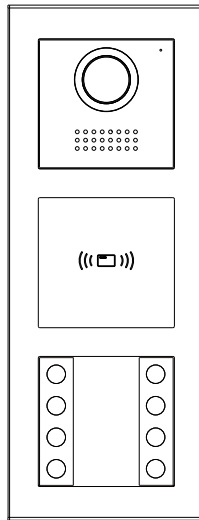


# LOBBY PANEL

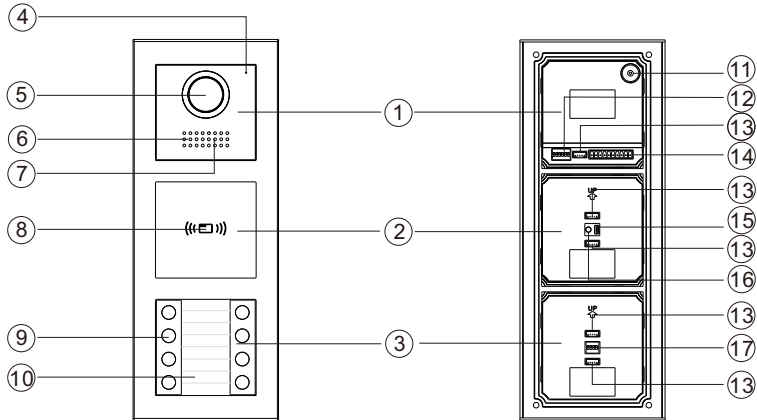


# USER MANUAL

Please read this manual carefully before using the product, and keep it well. We reserve the right to modify the specification in this manual at any time without notice.

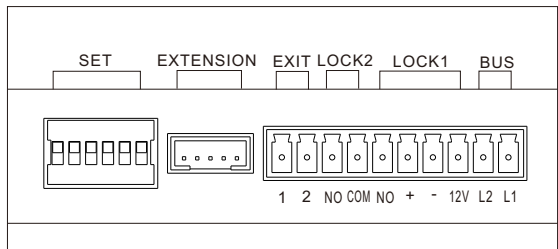
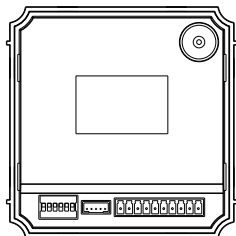
# 1. Parts and functions

## 1.1 Main unit



- ① Panel module
- ② ID module
- ③ Push module
- ④ Microphone
- ⑤ Camera
- ⑥ Body induction
- ⑦ Speaker
- ⑧ Card area
- ⑨ Call button
- ⑩ Nameplate
- ⑪ Tamper switch
- ⑫ Setting DIP switch
- ⑬ Cascade interface
- ⑭ External interface
- ⑮ N/A
- ⑯ Setting key
- ⑰ Key module setting DIP switch

## 1.2 Panel module



## SET(DIP switch setting)

DIP	Item	Setting		Functions
DIP1,2	Address of Lobby Panel	OFF	OFF	set Lobby Panel address as 1
		OFF	ON	set Lobby Panel address as 2
		ON	OFF	set Lobby Panel address as 3
		ON	ON	set Lobby Panel address as 4
DIP3	Unlock duration (effective when DIP6 set as OFF)	ON		set unlock time as 6s
		OFF		set unlock time as 1s
DIP4	Lock type	ON		fail-safe
		OFF		fail-secure
DIP5	Body induction correlation output	ON		When body detection occurs, Lock 2 will generate switching value output.
		OFF		Body detection correlation output is off.
DIP6	Lock control	ON		Unlock time is controlled by the Indoor Unit.
		OFF		Lock is controlled by the Lobby Panel. For unlock time, please see DIP 3 setting.

EXTENSION: module cascade interface, connected with card module or push module

External interface:

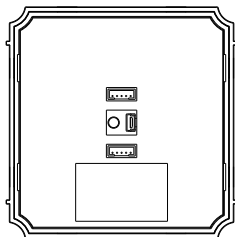
EXIT: exit button interface

LOCK 2: lock 2 interface (see part 2.2 Electric lock connection)

LOCK 1: lock 1 interface (see part 2.2 Electric lock connection)

BUS: bus interface (Non-polarized and connected with power supply isolater)

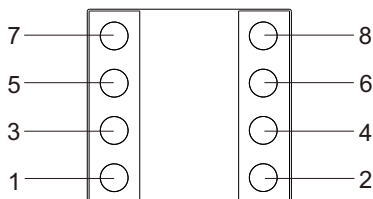
### 1.3 ID module



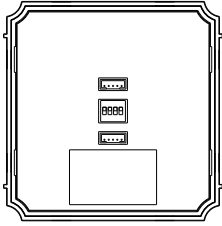
EXTENSION: module cascade interface, connected with Panel Module or Push Module

Setting key: add installer cards via the setting key.

### 1.4 Push module



1. Keys are set as shown in the left picture. 1 stands for Apartment No.1.  
2. The nameplate lamp is controlled by the body induction. When someone approaches, it will be on.



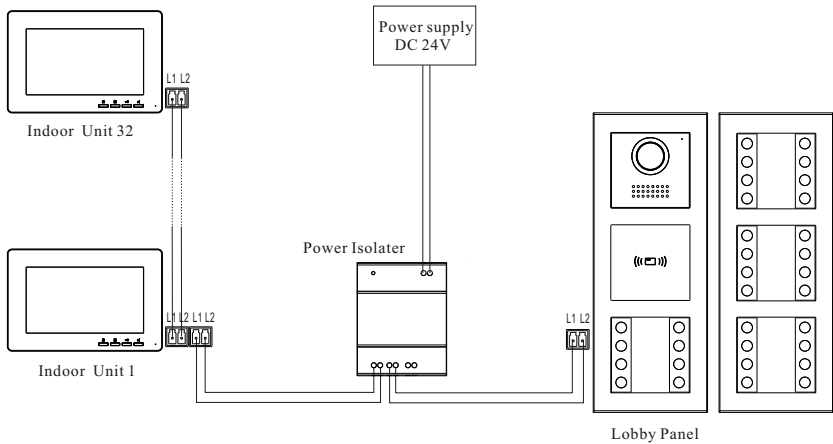
EXTENSION: module cascade interface, connected with ID Module or Push Module  
 DIP switch: DIP 1, DIP 2 and DIP 3 is used for module address setting, and DIP 4 reserved.

DIP	Item	DIP Switch			Functions
		DIP3	DIP2	DIP1	
DIP1, 2,3	Push module address	OFF	OFF	OFF	set push module address as 1
		OFF	OFF	ON	set push module address as 2
		OFF	ON	OFF	set push module address as 3
		OFF	ON	ON	set push module address as 4
		ON	OFF	OFF	set push module address as 5
		ON	OFF	ON	set push module address as 6
		ON	ON	OFF	set push module address as 7
		ON	ON	ON	set push module address as 8

Note: Lobby Panel support at most 32 Indoor Units. When it adopts the 8-key module, maximum value of the address can be set as 4.

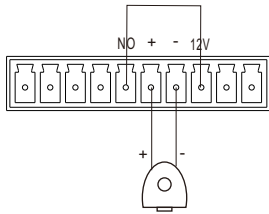
## 2. System wiring and connections

### 2.1 Basic connection



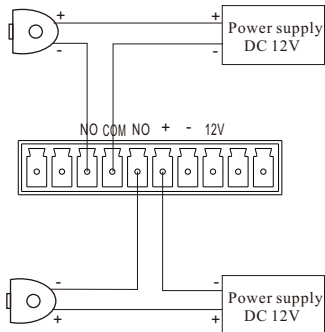
## 2.2 Electric lock connection

### 2.2.1 Door lock controlled with internal power



1. Short-circuited with NO port and 12V port;
2. “+” and “-” are connected with positive pole and negative electrode of the E-lock respectively;
3. E-lock voltage is 12V and E-lock current is less than 300mV.

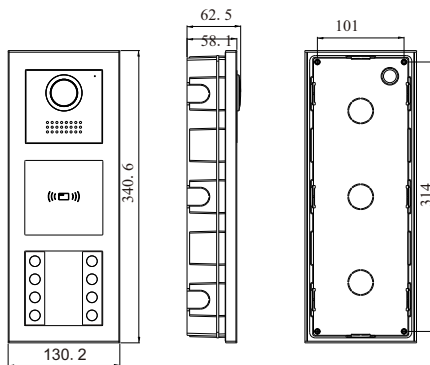
### 2.2.2 Door lock controlled with external power



## 3. Dimension and installation

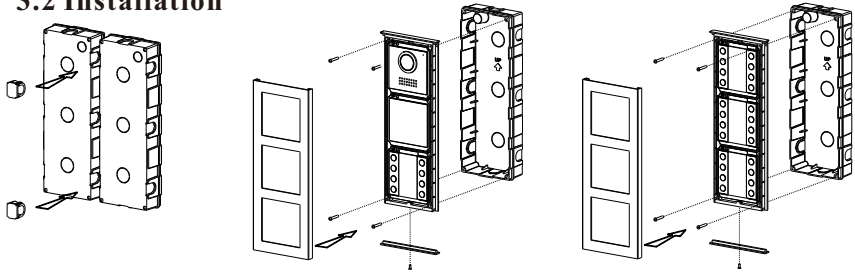
### 3.1 Dimension

Unit: mm



Note: Embedded box is included.

## 3.2 Installation



## 4. Operation

### 4.1 Make a call

Make a call to the Indoor Unit by pressing the Call key. A talk will start when the call is answered.

### 4.2 Surveillance

Monitor the Lobby Panel by pressing the Monitor key on the Indoor Unit.

### 4.3 Unlock the door

When the Lobby Panel is in the calling or talking state, you can unlock the door via the Indoor Unit.

### 4.4 Avoid being dismantled

When Lobby Panel is dismantled, alarm alert will occur. Press any one of keys on the panel to stop alarm.

## 5. Settings

### 5.1 Add the installer card

1. Press and hold the Setting key on the card module for 3 seconds and a short beep sound and then a long beep sound will appear. It means the device is in the management state.
2. Swipe the card within 30 seconds. If a beep sound occurs, it means success in adding the installer card; If a beep sound rings three times, it means failure to add the cards. You should continue the above settings.
3. 30 seconds later, a long beep sound occurs and it indicates the installer card has been registered.

Note: There is only one installer card. When added, the original one will be invalid.

### 5.2 Add the user card

1. Swipe the installer card, and then a short beep sound and a long beep sound will appear. The system enters the management state.
2. Press Call key 1, and a beep sound will occur. You can start to add the card.

3. Swipe the card within 30 seconds. If a beep sound occurs, it means success in adding the installer card; if a beep sound rings three times, it means failure to add the cards. You should continue the above settings.
4. Swipe the installer card to exit the settings.

### **5.3 Add the user card associated with apartment No.**

1. Swipe the installer card, and then a short beep sound and a long beep sound will appear. The system enters the management state.
2. Press Call key 1, and a beep sound will occur. You can start to add the card.
3. Press a Call key to select the corresponding apartment.
4. Swipe the card within 30 seconds. If a beep sound occurs, it means success in adding the card; if a beep sound rings three times, it means failure to add the cards. You should continue the above settings.
5. Swipe the installer card to exit the settings.

### **5.4 Delete the user card**

1. Swipe the installer card, and then a short beep sound and a long beep sound will appear. The system enters the management state.
2. Press Call key 2, and a beep sound will ring twice. You can start to delete the card.
3. Swipe the card within 30 seconds. If a beep sound occurs, it means success in deleting the card; if a beep sound rings three times, it means failure to delete the cards. You should continue the above settings.
4. Swipe the installer card to exit the settings.

### **5.5 Delete the user card associated with apartment No.**

1. Swipe the installer card, and then a short beep sound and a long beep sound will appear. The system enters the management state.
2. Press Call key 2, and a beep sound will ring. You can start to delete the card.
3. Press a Call key to select the corresponding apartment. If a beep sound occurs, it means the apartment is selected. Press the key again to cancel it.
4. Swipe the card within 30 seconds. If a long beep sound occurs, the selected card will be deleted.

### **5.6 Empty the cards**

Press and hold the Setting key on the card module for 5 seconds and a short beep sound and then a long beep sound will appear. It means all cards have been deleted.

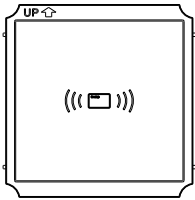
## **6. Specification**

- Power Supply: DC 24V;
- Lock Power supply: DC12V, 300mA (internal power);
- Power consumption: Standby 75mA; Working status 200mA;
- Camera: Color CMOS; 480 TV Lines;
- Card capacity: 1000;
- Working temperature: -30~70°C

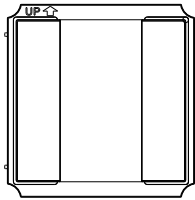
## 7. Accessories

- User Manual 1
- L-shaped Wrench 1
- Screw(PM4×25mm) 4
- Connector (15EDGK-10P) 1

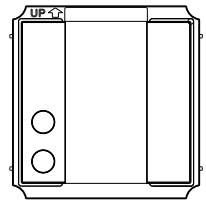
## 8. Optional Module



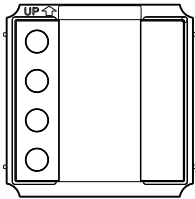
ID Module



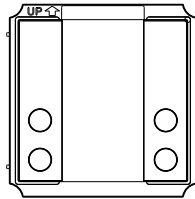
Blank Module



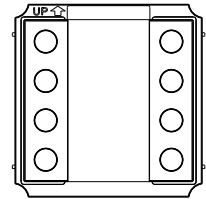
Keypad Module



Keypad Module



Keypad Module



Keypad Module