English

IP Video Outdoor Station

User Manual

IPX850 *IPX850F*

Please read this manual carefully before using the product you purchase, and keep it well for future use.We reserve the right to modify the specification in this manual at any time without notice.
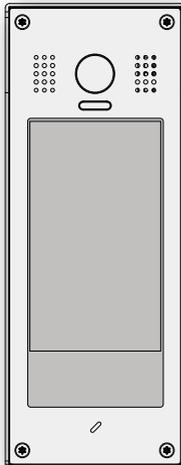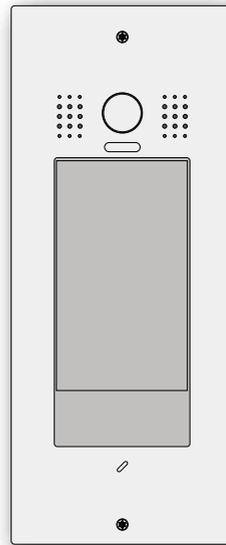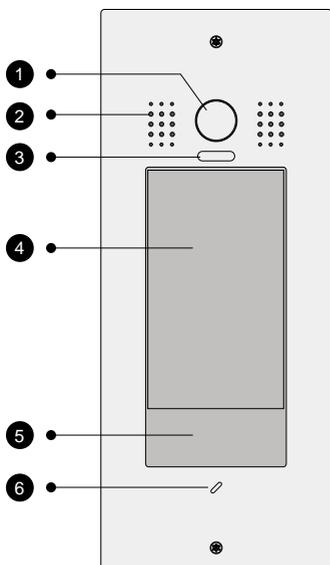
1.Parts and Functions

1 **Camera lens**

2 **Speaker**

3 **LED_CAM**
Illuminates subjects in dark environments.

4 **LCD screen**

5 **Card reader**
Allows the door to be unlocked by using a card. The door station beeps if the card cannot unlock the door.
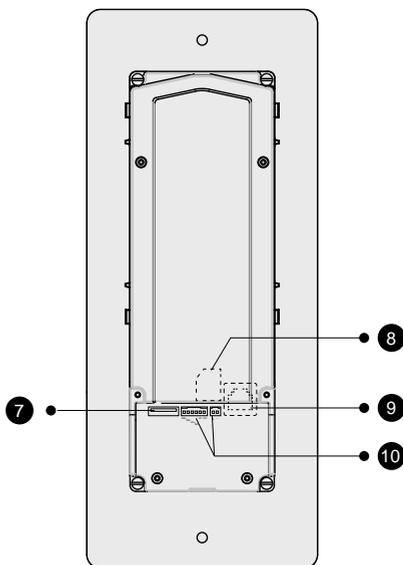
6 **Microphone**

7 **USB connector**

8 **SD card connector**

9 **Lan connector**
Use to connect the door station to the network.

10 **Terminal connector**
Use to connect external devices to the door station

3.Door Station Mounting

Surface mounting
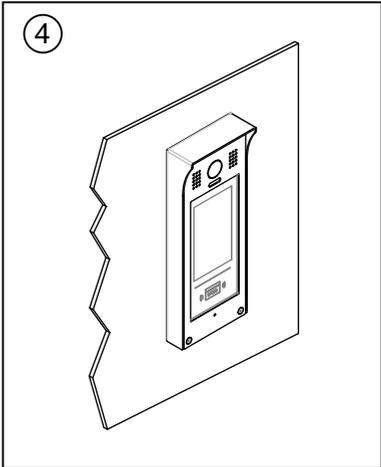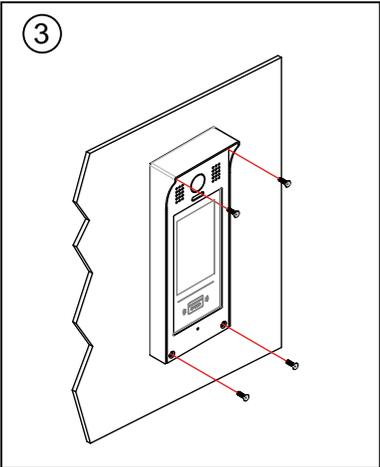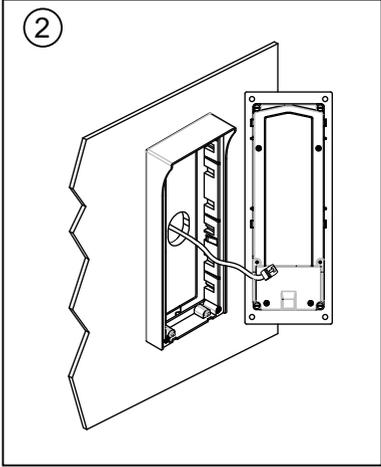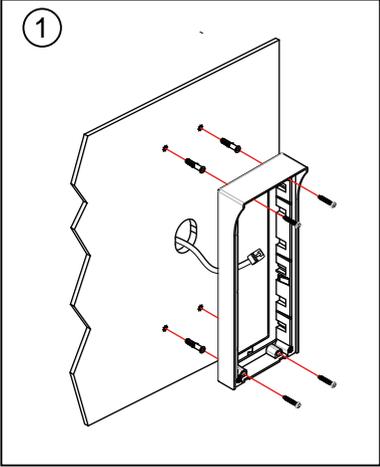
Flush mounting
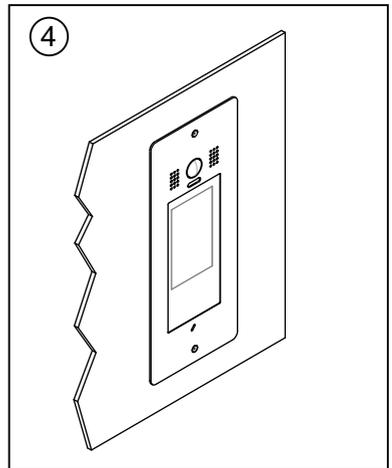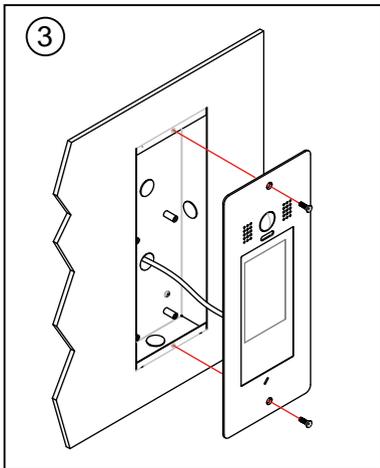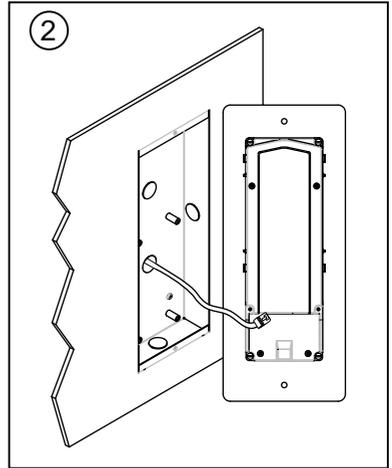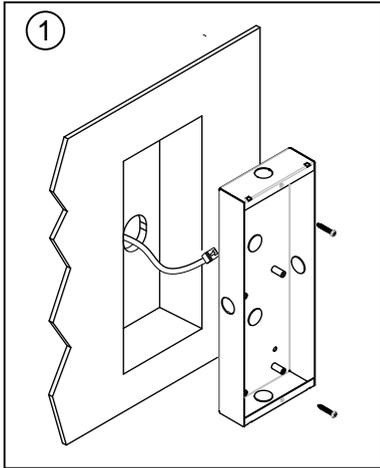
1. Installation height for door station usually is 57-69 inch.
2. Use screws to fix the back panel to the wall after connect the cable correctly.
3. Attach the front panel to the back panel, then use the screw to fix it.

4. Electric Lock Connection

Door Lock Controlled with Internal Power

Note:

1. This mode only supports electromagnetic locks.

2. Electromagnetic lock of Power-off-to-unlock type should be used.

3. The door lock is limited to 12V, and holding current must be less than 250mA.

4. The **Unlock Mode** Parameter of Monitor must be set to 1 (by default).

12V 300mA
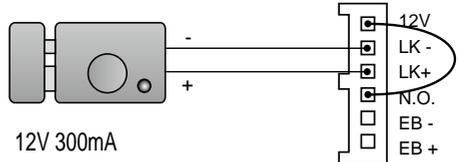
set to Normally open on the
Unlock Relay mode

Door Lock Controlled with Dry Contact

Note:

1. The external power supply must be used according to the lock.

2. The inside relay contact is restricted to AC or DC 24V/1A.

3. Setup the **Unlock Mode** of Monitor for different lock types.

    • Power-on-to-unlock type:Unlock Mode=0 (by default)
    • Power-off-to-unlock type:Unlock Mode=1
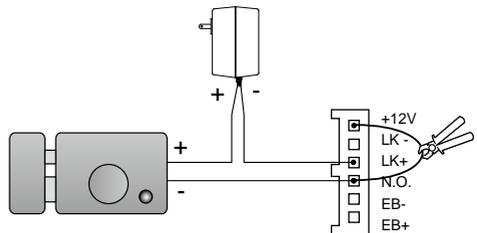
set to Normally Open on the Unlock Relay mode (default)

5. Door Station Operations

About main menu:

Press to enter setting page

Keypad button

Unlock button

Namelist button

Help button

Calling a resident via input room number:

1 Press keypad button to enter keypad page.

2 Input the room number.

3 Press 📞 to call.

Calling a resident via namelist:

1 Press namelist button to enter namelist page.

2 Select the desired name on the list.

3 Press 📞 to call.

Open the door by entering an unlock password:

1 Press unlock button to enter keypad page.

2 Input your unlock password.

3 Press ⚷ to open the door.

Open the door by using an access card:

Touch your access card to card reader area of the door station.

Enter installer mode:

1 Press unlock button.

2 Input "990166666666" than confirm (9901+installer password 66666666 by default)

   - PWD free for all device:

   All other devices with same installer password will not require to input password when it is
   enabled.

   - Always in installer mode

   Keep in "Installer mode" unless manually exit or power down. Without selected, IPX850(F)
   will exit "Installer Mode" after 1 hour.

3 Press "Enter" to set door station into "Installer Mode".
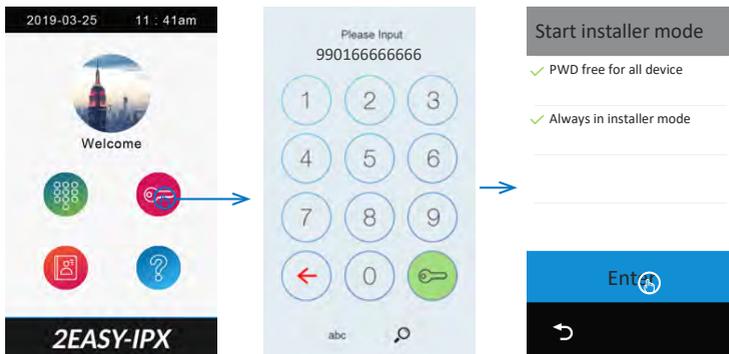
Unlock setting:

In "Installer Mode" (Unlock with code 9901 and tap in the middle of blue bar at top),

1 Press "Setting".

2 Select "Parameter"

3 Select "Lock and PWD"

Find below Parameters:

- Lock1_mode:

  Normally open or Normally close.

- Lock1 unlock timing:

  Setup unlock timing.
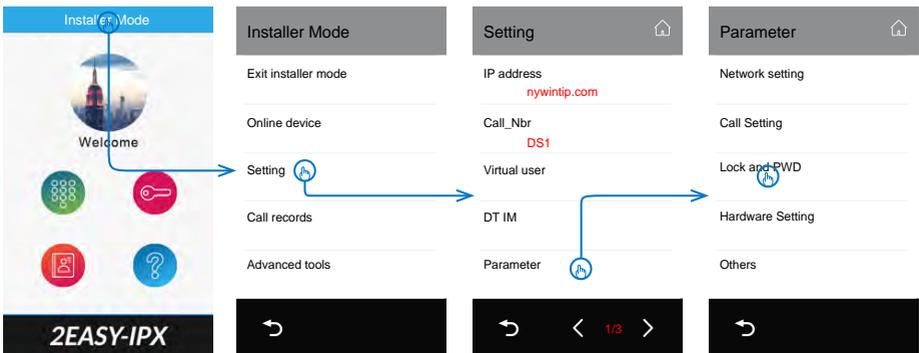
Enter Management setting menu:

1 Press unlock button.

2 Input "990266666666" than confirm (9902+installer password 66666666 by default)

Public Unlock Code:

Change public code

1 In "management setting menu".

2 Select "Unlock code setting".

3 Select "Change public unlock code".

4 Input current code (1234 by default).

5 Input new code twice.

Options

1 In "Unlock code setting".

2 Select "Options".
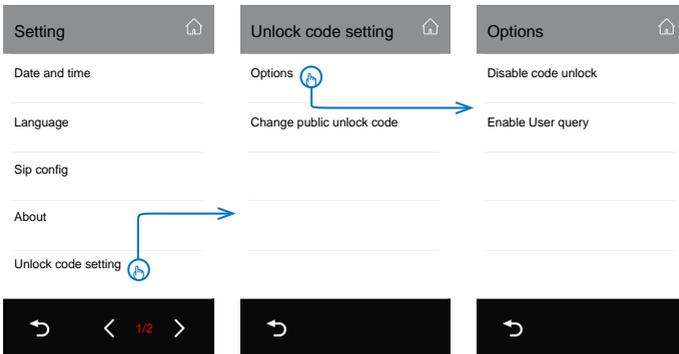
- Disable code unlock

Not allow to use public unlock code to unlock door station.

- Enable User query

Allow users to check public unlock on monitor.

Access Card Management:

1 In "management setting menu".

2 Select "Access Cards".

Setting	⌂
Access Cards 🔵	
Change Installer PWD	
Restore to Default	

↩ ‹ 2/2 ›

Access Cards	⌂
Add Card	
View Card	
Card data	

↩
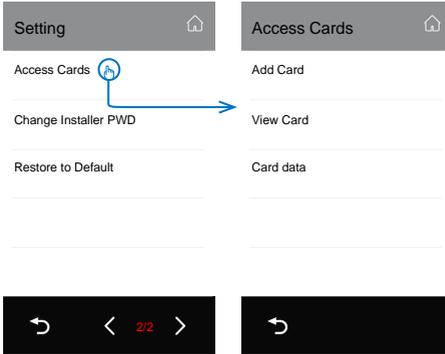
Add Card

Tap "add card" in "Access cards" to add access card.

Add card	⌂
Room 🔵	
00990000	
Name	
Card ID	

Save

↩

Room	⌂
By input	
IM00990001 GDG	
IM00990002 KKK	
IM00990003 ASE	
IM00990004 EWIOG	

↩ ‹ 1/2 ›
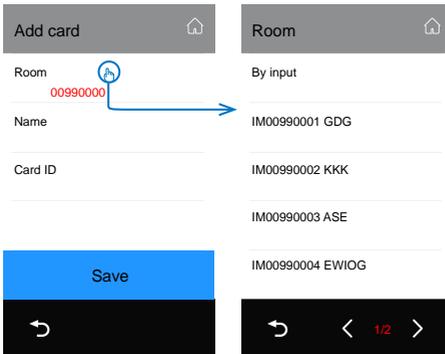
- Room
Select an online monitor or manual input Room_Addr.
- Name
Manual input card holder's name, as remark
- Card ID
Manual input card ID or swipe card in the card reader.
- Save
Apply card to door station.

-9-

View Card

Tap "View Card" in "Access card" to check added cards.

View card ⌂	Card List ⌂
Room 00990000	00990001 Wilbur 0003652658 20190802
Name -	00990001 GDG 00216542661 20190816
Card ID -	00990003 ddhj 002645655 201908025
Data -	00990005 hohio 002656497 20190901
Search	00990006 gihhio 0026414989 20190922
⤺	⤺ ‹ 1/2 ›
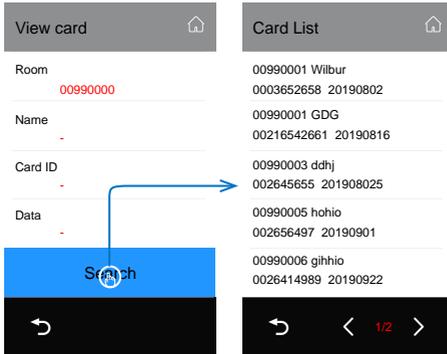
Input search condition, if keep all blank means to show all cards.

   - Room

   Input room number.

   - Name

   Input card holder's name.

   - Card ID

   Input fully 10 digits Card ID.

   - Date

   Input card create date.

Or swipe a card to check.

   In the search list, tap "delete" icon on item to delete card, or tap "delete" icon on the title
   bar to delete all card in the list.

   Description for card list:

   00990001(Room_Addr)　Wilbur (Card Name)

   0003652658(Card ID)　20190802(Card create date)

Card Data

Tap "Card Data" in "Access Card" to sync, backup and restore card data.

- Backup to SD
Backup all card data to SD card.
- Restore from SD
Restore card data from SD card.
- Sync to device
Sync all card data to online door station
.   - Sync from device
Sync card data from an online door station.
- Clear Res data
Clear this door station's card data.

Card Data	⌂
Backup to SD	
Restore from SD	
Sync to device	
Sync from device	
Clear Res data	
↰	
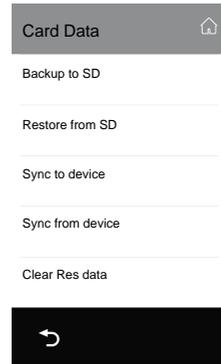
6. Specification

- Power Source: Power-over-Ethernet (IEEE 802.3af Class 0)
- LAN Interface: 10 BASE-T / 100 BASE-TX Ethernet (RJ-45)
- Camera: Type 1/3.7" Ultra Sense, ISP with 77dB WDR
- Len angle: 170 degree with Fisheye correction
- Screen: 5 Inch digital color TFT
- Display Resolutions: 800*480 resolution
- Minimum illumination: 5 lux
- Wire Type: Cat-5e or Cat-6
- Wiring Distance: 100m (Approx. 330')
- Operating temperature: -10 to +50 (oC)
- Protection: IP65;
- Dimension: 11.06(H)x4.33(W)x1.73(D) inch
                           12.44(H)x5.24(W)x1.81(D) inch

7. Wiring

Note

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