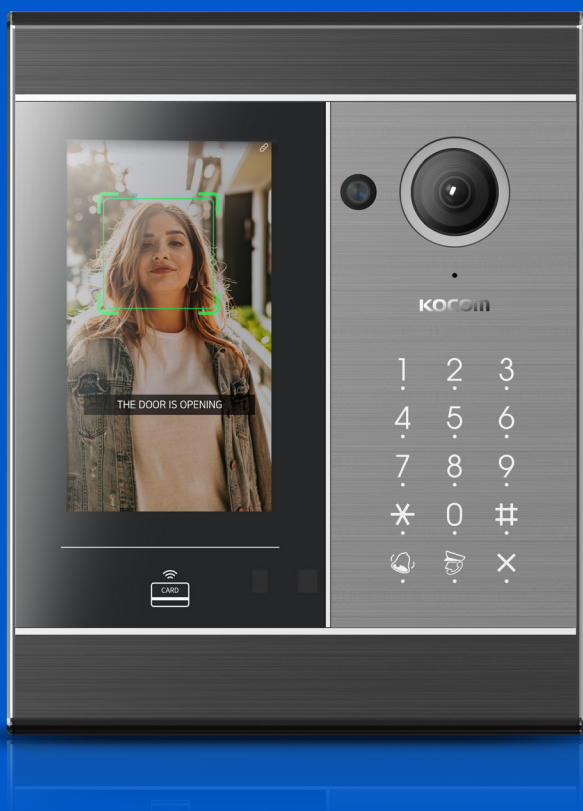


FACE THRU®

KOCOM Face Recognition

K6B LP-S700MF

Manual for Installation and Use of K6B LP-S700MF
Lobby Phone **[for managers]**



KOCOM

Manual for Installation and Use of K6B LP-S700MF Lobby Phone [for managers]

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※ The operation description starts on 'page 18'.

Cautions for safety

※ For safe use, please stick to the following cautions.

- Please, save this manual after reading these instructions carefully.
- Read and understand all instructions to set up rightly.
- This Cautions for Safety may include items that are not contained in specifications of the product that consumer purchases.
- If you need assistance with the set-up or operation, please contact with A/S center.

The important marks in the manual.

To help our customers to understand this manual, to prevent any personal injury or property damage, some marks are used in the manual. The marks and the drawing signs are below. Please, understand the marks before reading the manual.

The meaning of the drawing signs.

| | | | |
|--|---|--|--|
| | Sign to show what not to do. | | Mishandling the device with ignoring this sign may result in serious injury or death. |
| | Mishandling the device with ignoring this sign may result physical injury or material damage. | | Sign to tell you that you should follow the instructions. |
| | Sign to tell you that you can't disassemble this unit. | | Sign to tell you that you need more attention including (high voltages, electric shock, danger, warning) |
| | Sign to tell you that you can't disassemble this unit. | | Sign to tell you that you must unplug the unit. |

Caution

Cautions for set-up

- The law limits distributing the power lines to an authorized person from government.
- The work from an unauthorized person cause fire or electric shock.
- Place this unit securely on a stable surface. Serious damage and/or injury may result if the unit falls.
- Do not set up this unit near the leaking place because it may expose you to dangerous voltages or other risks.
- Even if your product is water proof, do not install it slanted place of water leakage, which can a short circuit.
- Fix the product on the wall safely according to the installation guideline to prevent any damage or injury.
- The work of distributing wires needs skills and experiences. So please, for assistance, contact your dealer or call service center.
- The communication lines should be built in being distant from the power source.
- This may result in the risk of fire, electric shock and communication disorder.
- Setting the communication lines in a high humid place such as outside without any protection from rain causes the communication disorder.
- Keep the hook at the wall-mounted device safe. The hook may cause the physical injury.
- Think about the thickness and quality of wall material. The unqualified material may make the device fall.

- Set the device of the wall-mounted type not to fall. Falling from an earthquake causes personal injury.

Cautions for Repairs and Maintenance

- Keep the inside of the device clean. Having the dust inside without any cleaning for a long time causes the fire.
- If necessary, contact your dealer or service center to get cleaning service.
- Unplug this device when you want to check the inside. If there is no plug, please, turn off the circuit breaker.
- Unplug this device when you try to move it to another place.
- If the electric line is connected inside of the unit, please contact your dealer or service center.
- Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.

Warning

Warnings for Usage

- Do not install this unit near the water and dust, for example, in a bathroom or near the washing machine. It caused fire and electric shock.
- Do not install this unit near the fire, for example, near kitchen sink, heater or the like.
- Do not install near the noxious gas such as Hydrogen Sulfide, metal power and the like.
- Do not install near the water and chemicals.
- Do not give any damage, break and modify the plug. Overloading, heating, pulling causes the damage.
- Do not place the plug near the heater. The damaged code causes fire and electric shock. Do not pull the power code when unplugging.
- The damaged code causes fire and electric shock. Must pull with plug. Do not touch with wet hands. It causes the electric shock.
- Do not use any other voltage, except the marked regular voltage.
- Do not use the power terminal at the units to other electric device except the designed device.
- Do not install the units at the leaking place if it doesn't have any waterproof mark. Do not install the unit when the power is on.
- Install the circuit breaker after checking the safety such as electric shock and leakage. Turn off the power before you install or A/S
- Check the suitability of the lines for installing when you use the exiting lines.
- Do the wiring work by using the designed material.
- Connect the electric wire with the designed ways and ground.
- Do not connect with any other devices except the designed devices to compose the system.
- Unplug electric wire and communication lines from the units before moving to another place.

⦿ Cautions for Use



- Do not handle the unit with the wet hands.
- Do not place a pot with water or a small metal material on the Units.
- Do not cover the ventilating opening or put any metal material in the units.
- During thunderstorms, avoid using this unit. There may be a remote risk of an electric shock from lightning.
- Do not modify the unit.
- Open the main gate after checking ID if the image and sound system do not work. Call A/S



- Do not disassemble the back and cabinet cover.

⦿ Cautions for Abnormality



- Change the damaged electric code.
- Unplug this unit from plug socket and refer servicing to an authorized service center when the following conditions occur:
 - If liquid has been spilled into the unit.
 - If the unit does not work normally by following the operating instructions.
 - If the unit exhibits a distinct change in performance.
 - If the unit has been dropped or physically damaged.

Caution

⦿ Safety Instructions, Warnings and Cautions of Each System

- Do not disassemble this unit at will as this device is composed by precision parts.
- Install the unit by following the set-up instructions of Kocom.
- Do not touch or insert any foreign substances, for example, sticker, magnetic, opener and the like.
- Make U-type at the end of wires as the rain can effect on the system by following the wires during the rainy season.

⦿ Videophone

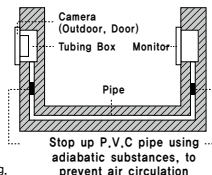
- Separate the AC/DC lines with the hook of the wall-mounted type when installing.
- Do not distribute signal line with AC line.
- Do not clean the LCD with the damp cloth for cleaning. Use the only dry and soft cloth.
- Connect the lines after peeling the wires properly.
- Use the designed driver to connect the lines to terminal.
- Do not install the main gate monitor at the leaking place.

⦿ Things You Need to Know

- This product is designed as a home videophone and cannot use continuously like monitor camera.
- If there is temperature difference between inner part of camera and surrounding, dew condensation occurs on camera lens and may disturb image. If dew condensation is removed from camera lens, image quality recovers.
- White LED light examination range is narrower than camera shot range at night, so there is less amount of light at night than day. So it is difficult to see the face in low illumination condition due to noise increase on screen, but it is not from defect.
- Monitor screen (liquid crystal panel) is not in defect when some pixels always light or black out.
- Please install monitor and camera over 5cm away.
- Also, avoid installing at a place with too much noise, because too much noise around camera causes phone call inferiority.
- Do not place an object within 20cm in front of monitor. It causes phone call inferiority, especially because microphone is installed at the top of monitor.
- If strong light such as sunlight flows into camera module, screen saturation (or strange mark) and image shaking might occur.
- This is not a defect, so please do not install camera where a direct ray of light do not flow if possible.

⦿ Cautions

- In some cases there is occurrence of product destruction, malfunction, noise mixing and picture quality deterioration due to mixing of other tool's induced, voltage or thunder with communication wiring of monitor/camera, monitor/extended monitor.
- Do not wire with power line such as outdoor wiring or AC power, or phones and other tools.
- You cannot use it if you incorrectly wire the AC voltage between monitor/camera, monitor/extended monitor.
- Call the store or agency where you purchased this product and consult to solve the problem.
- Beware that unfixable damage might be caused due to authorizing AC voltage on communication wiring of monitor/camera, monitor/extended monitor.
- Do not ever disjoint this product. It may cause electrocution accident when touching high-voltage circuit inside this product.
- Outside power authorizing this product must be confirmed of product description and use rated voltage.
- Beware that if higher voltage is authorized, unfixable damage might be caused due to product destruction.
- Power must be connected to domestic voltage (product rated voltage) consent or interior wiring.
- If connected to other motive power or inverter-type power, product destruction, noise mixing, and picture distortion may occur.
- Do not drop this product. Glass is used for monitor and might break, or cause other circuit inferiority.
- In such case, immediately turn down the power switch, and call to consult agency or store in which this product was purchased.
- Keep away from any conditions where water splatters or falls. Do not place anything containing water like a vase on the product.
- If installed near transmission antenna such as broadcasting station, electric wave may mix and cause picture distortion or voice mixing.
- Avoid installing near tools with strong electromagnetic waves such as microwaves and cell phones, or it may cause picture distortion.
- Do not install monitor in following places.
 - ① Above or around water heater, rice-cooker, heater
 - ② Place exposed to direct rays of the sun
 - ③ Place with temperature below 0°C such as cold store
 - ④ Place with high humidity such as bathroom, washroom, heated room
 - ⑤ Place with a lot of gas, dust, smoke
 - ⑥ Dangerous place with sprays of water or chemicals
- Do not wipe with insecticide, drugs or chemicals such as thinner and alcohol, or it may damage the surface of this product.
- Beware of occurrence of image quality deterioration or malfunction from cause of humidity due to penetration of chemicals or water into camera's urea resins.
- As in the picture, it prevents temperature difference of camera (outside) and monitor (inside), and removes dew condensation caused by humidity of camera window.
- Camera must be installed when wall cement is completely dry.
- When product is installed in winter below -5°C, wait for approximately 2 hours to connect. Dew formation in monitor and camera due to temperature difference inside and outside may cause product defect.
- Avoid installing monitor and camera in place directly exposed to heat or where gas noxiousness is highly occurring.

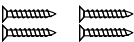


Product specification

- Lobbyphone



- Screws



- DC cable adapter (2EA)



- 5Pin cable sensor (1EA)



- 3Pin cable door (1EA)



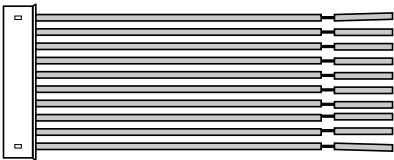
- DVR image connection (1EA)



- K6B Main Wiring Connection (1EA)



- Public Part Image Connection (1EA)



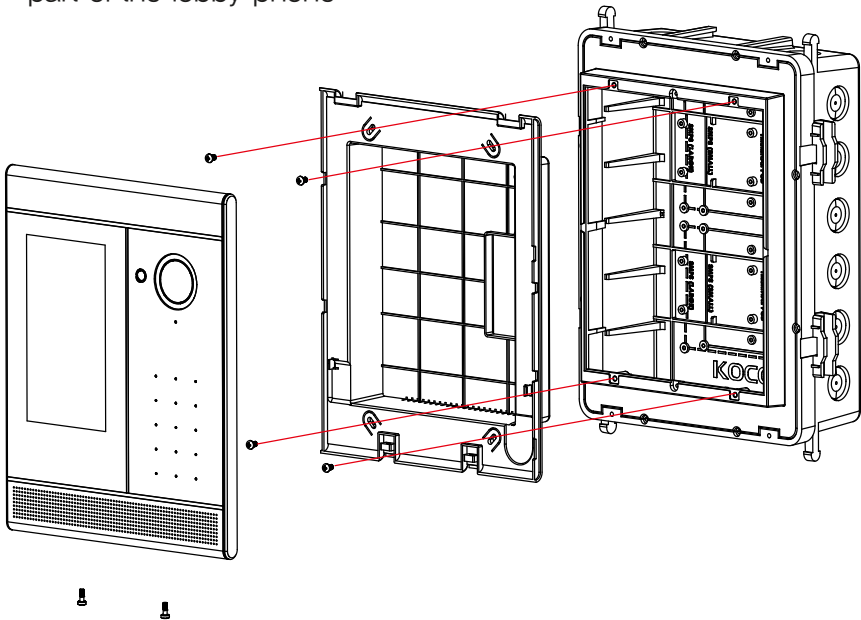
Product specification

| | |
|---|---|
| Product name | K6B LP-S700MF (Lobbyphone) |
| Input power type | DC 24V In stand-by : 7.5W / In operation : 12W |
| Display | 7-inch IPS LCD |
| DATA communication | RS485 |
| Talking method | Hands-free (1WAY) |
| Call and image retention time | Waiting time of about 30 seconds after call, About 3 minutes during house talk |
| Exterior materials | Aluminum (AL), ABS, tempered glass |
| Size | 240(W) x 300(H) x 56(D) mm |
| Operation guaranteed temperature | -10°C ~ 50°C |
| Mount Type | Flush Mount |
| LED lighting function | LED temporary lighting of 15 button part |
| Camera pixel / angle of view | 410,000 or 520,000 pixels / 120 ° |
| RF card interlocking | 13.56Mhz |
| Interlocking device | Guardphone : KAM-305(8 Line), K6B GP-70K(K6B Line) HUB : KHU-305, KHU-320 House monitor : K6B monitor, Compatible monitors with KHU-305 |
| Input/Output Specifications | <ul style="list-style-type: none"> · POWER IN, OUT Connection : 2.54mm pitch 2P x 2 · SENSOR Connection : 2mm pitch 5P x 1 · DOOR Connection : 2.54mm pitch 3P x 1 · DVR image connection : 2mm pitch 2P x 1 · K6B Main Wiring Connection : 2mm pitch 8P x 1 · Connecting Public Part : 2mm pitch 10P x 1 |
| Wiring specifications and Maximum Wiring Distance | <ul style="list-style-type: none"> · DC24V Adapter~Lobbyphone — 5m (Separately TIV x 2C) · Lobbyphone ~ GuardPhone Communication, call : 300m (CAT5 UTP) · Lobbyphone ~ Videophone Communication, call : 300m (CAT5 UTP) · Lobbyphone ~ Videophone Video : 20m (CAT5 UTP) ※Lobbyphone ~ Videophone Video : 100m (Separately Coaxial Cable) · Lobbyphone ~ DVR Video : 20m (CAT5 UTP) ※Lobbyphone ~ DVR Video : 100m (Separately Coaxial Cable) · Lobbyphone ~ Sensor Interlocking Device : 10m (CAT5 UTP) · Lobbyphone ~ DOOR Interlocking Device : 5m (CAT5 UTP) |

How to install

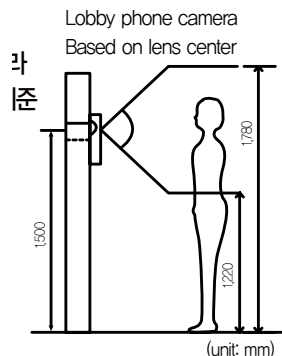
1) How to install the lobby phone

- Install the power supply DC 24V in the flush box
- Connect the power supply output to POWER IN terminal of the lobbyphone (DC24V+,GND)
- Connect the MAIN line to the house LINE connection part of the lobby phone



• Standard height for lobby phone installation

The standard height of the lobby phone is 1,450~1,500 from the bottom based on the bottom of the lobby phone flush box. If the height of the lobby phone is out of the range of 1,250mm to 1,550mm, it is impossible to adjust the desired image only by adjusting the angle of the lens, so be careful of height when installing the lobby phone



Product terminal

ETHERNET

A. DVR VIDEO

① DVR VIDEO_OUT +
② DVR VIDEO_OUT -

B. K6B SYSTEM LINE

① DATA_A
② DATA_B
③ VOICE_1 +
④ VOICE_1 -
⑤ VOICE_2 +
⑥ VOICE_2 -
⑦ VOICE_3 +
⑧ VOICE_3 -

C. SENSOR

① 12V
② GND
③ Sensor 1
④ Sensor 2 +
⑤ Sensor 2 -

D. LP VIDEO

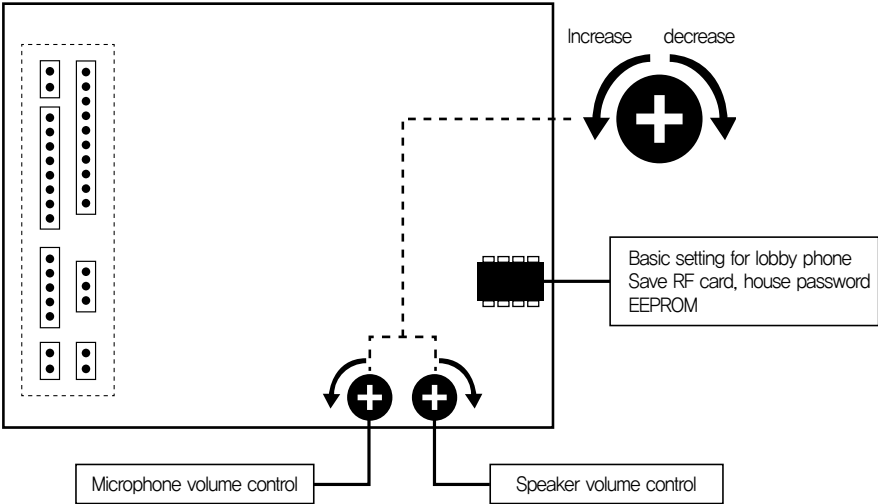
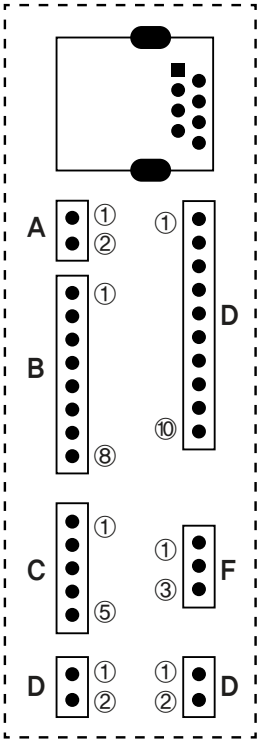
① LP_VIDEO_IN +
② LP_VIDEO_IN -
③ LP_VIDEO_OUT +
④ LP_VIDEO_OUT -
⑤ GP_VIDEO_IN +
⑥ GP_VIDEO_IN -
⑦ GP_VIDEO_OUT +
⑧ GP_VIDEO_OUT -
⑨ N.C
⑩ N.C

F. DOOR

① N.C
② COM
③ N.O

D. POWER_IN/OUT

① 24V
② GND



Connection Diagram - Connection diagram of Adapter and AC220V Power (essential)

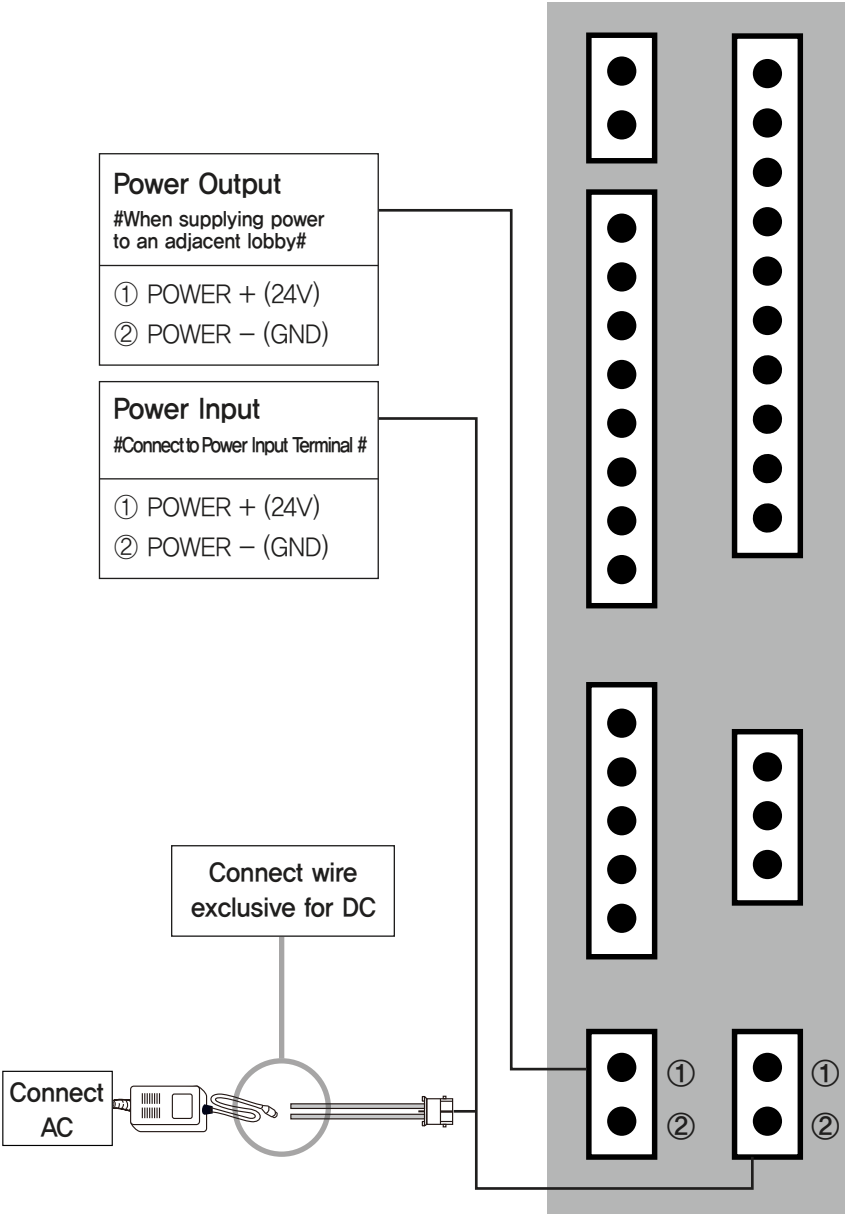
- Connect AC power to N and L, adapters exclusive for Lobby Phone, as shown in the picture.

24V/2A Adapter



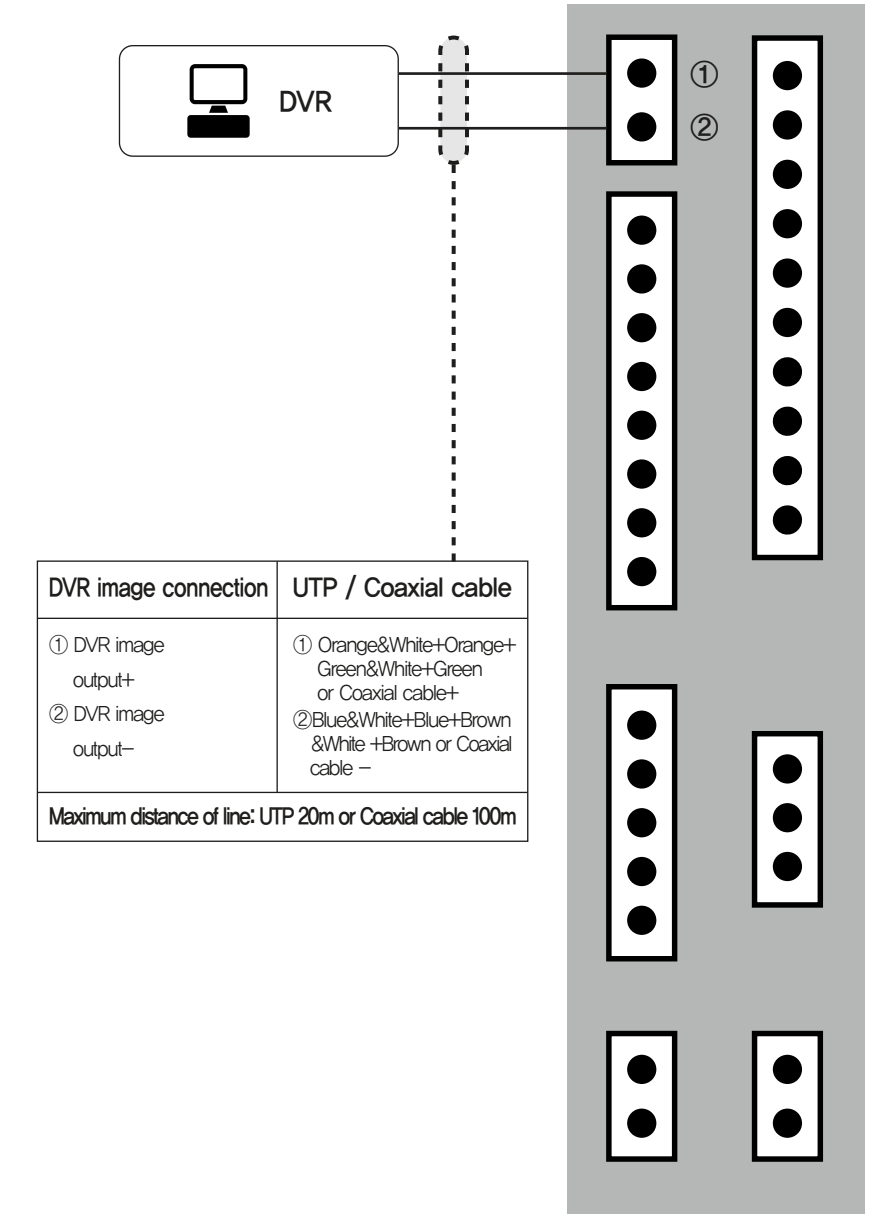
Connection Diagram - Power Connection

- Power Input Port is the terminal connecting the exclusive DC 24V Adapter.
- Connect Power Input Port with exclusive DC connection wire.



Connection Diagram - DVR Image connection diagram

■ DVR Image Port is the terminal connecting DVR device.



Connection Diagram - Sensor connection diagram

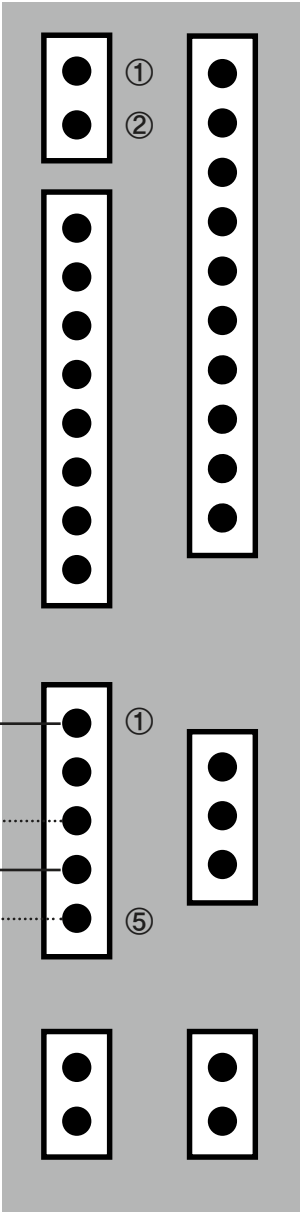
- Sensor Port is the terminal connecting sensor device.
- Connect ① 12V and ② GND for supply of power to sensor device.

| | |
|--|----------------|
| Connect contact type fire receiver or magnetic sensor. | UTP |
| ① 12V | ① Orange&White |
| ③ SENSOR 1 | ③ Orange |
| Maximum distance of line : UTP 10m | |

Contact type fire receiver or magnetic sensor

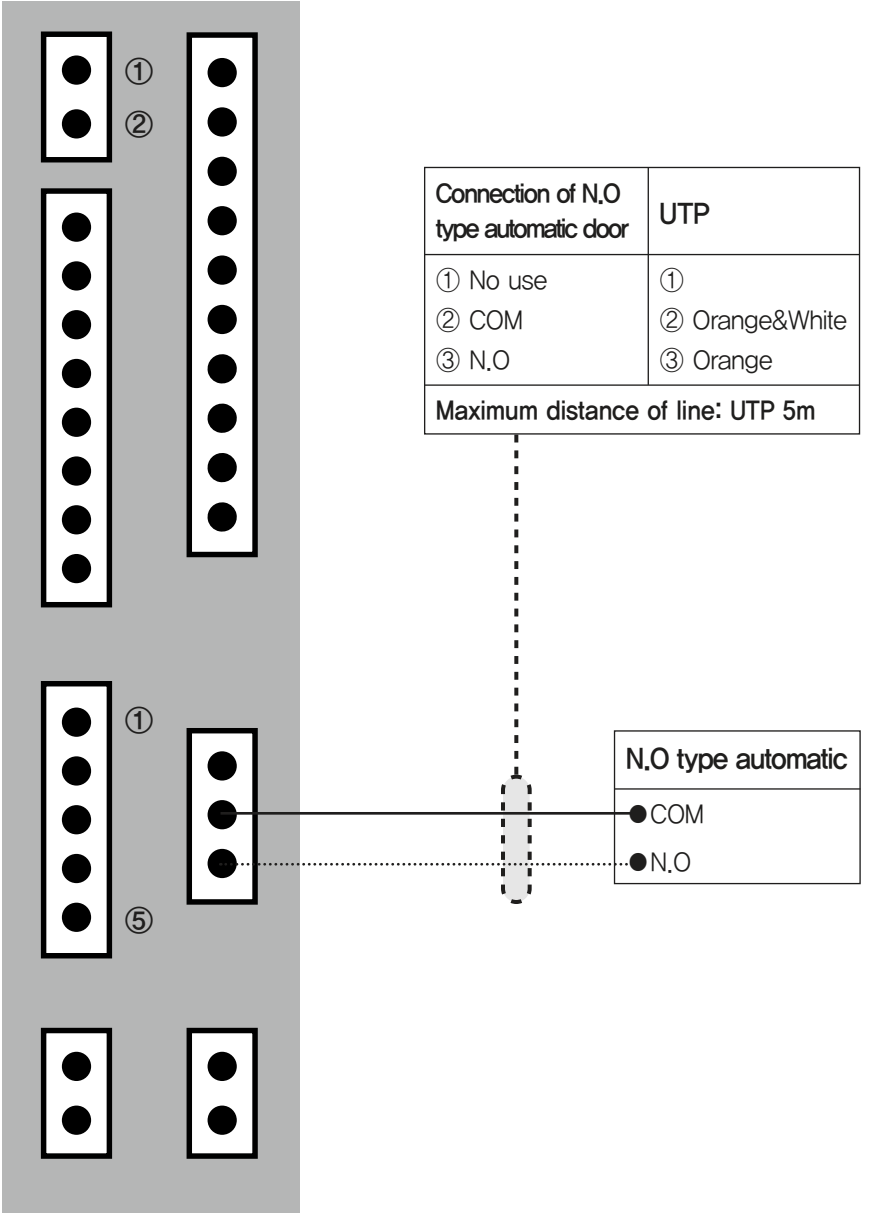
DC type fire receiver

| | |
|--------------------------------------|----------------|
| Connection of DC type fire receiver. | UTP |
| ④ SENSOR 2+ | ④ Orange&White |
| ⑤ SENSOR 2- | ⑤ Orange |
| Maximum distance of line: UTP 10m | |



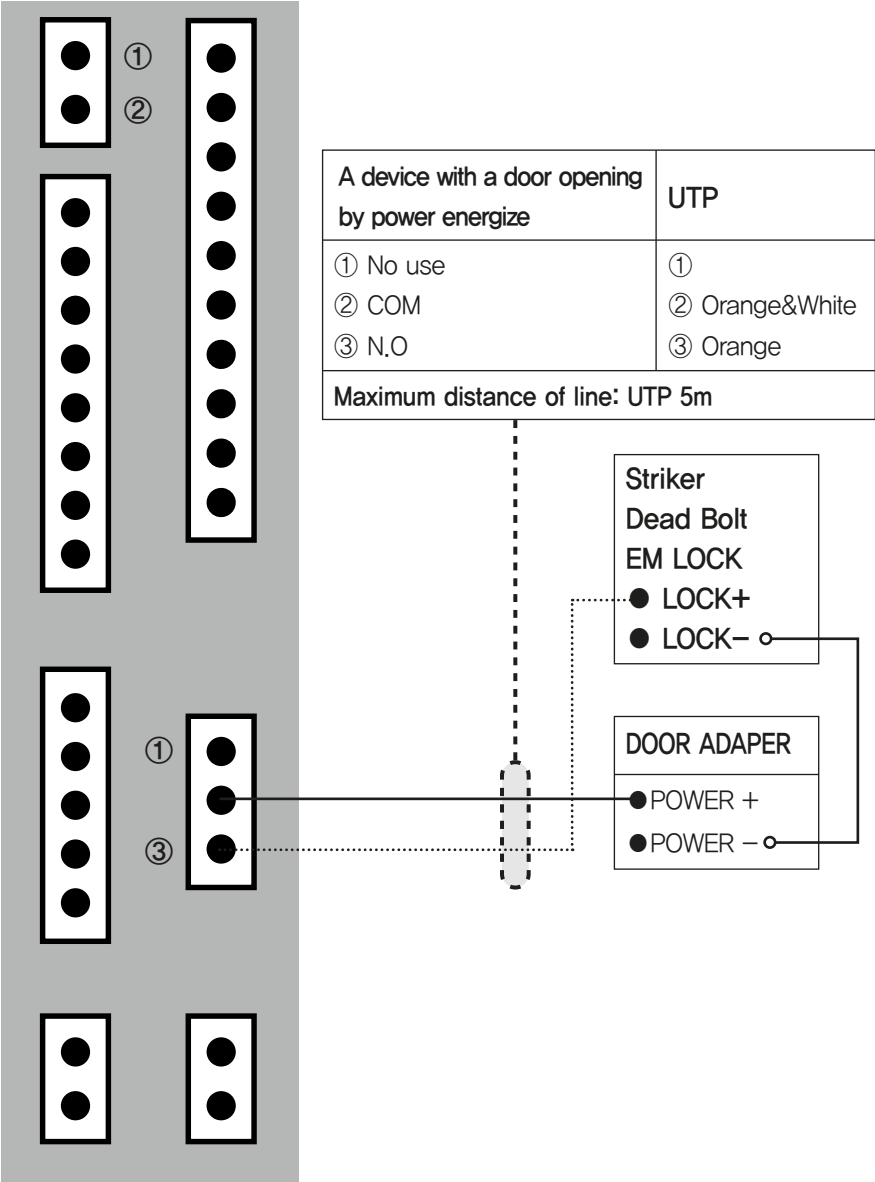
Connection Diagram - Door(automatic door) connection diagram

- Door Port is the terminal connecting the Door device.
- Connect N.O type automatic door ②Contact COM and ③Contact N.O.
- Connect N.C type automatic door ②Contact COM and ①Contact N.C.



Connection Diagram - Connection diagram of Door (Energize type Door device)

- Door Port is the terminal connecting Door device.
- Connect with a separate adapter as shown in the figure when connecting a power energize type Door device.
- Connect ②Contact COM and ③Contact N.O for a device with a door opening by power energize.
- Connect ②Contact COM and ①Contact N.C for a device with a door closing by power energize.

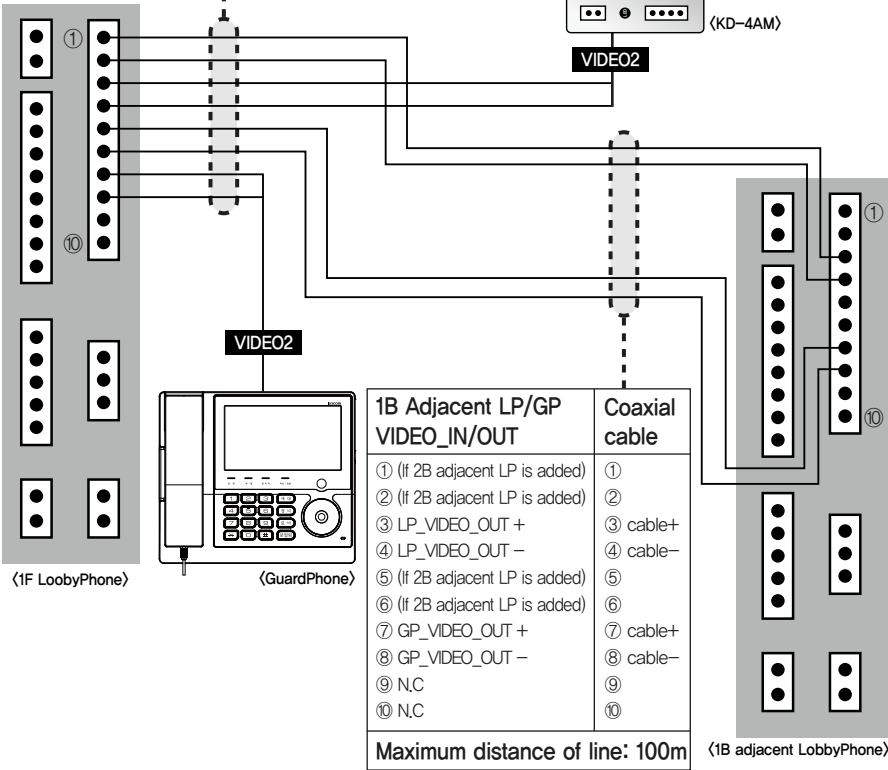


Connection Diagram - Connection diagram of lobby image

- Lobby Image Port is the terminal connecting image distribution unit with the device in security office.
- For addition of 2B adjacent lobby phone, connect Lobby/Security Image Input (1,2,5 and 6pins) of 1B Lobby Phone with Lobby/Security Image Output (3,4,6 and7 pins) of 2B Lobby Phone.
- If UTP cable is used instead of coaxial cable, the maximum distance of line is 20m.

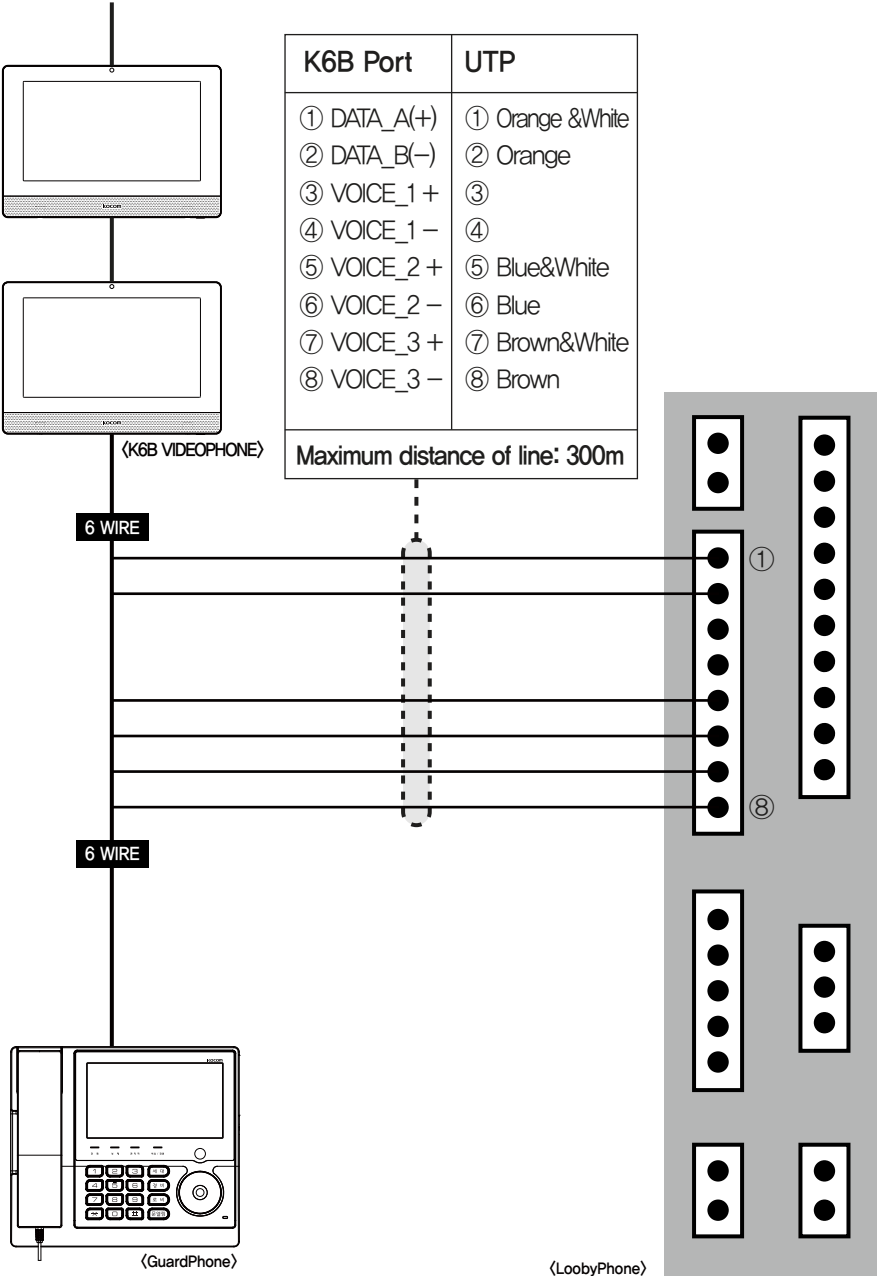
| 1F LP/GP VIDEO_IN/OUT | Coaxial cable |
|--------------------------|------------------|
| ① LP_VIDEO_IN + | ① Coaxial cable+ |
| ② LP_VIDEO_IN - | ② Coaxial cable- |
| ③ LP_VIDEO_OUT + | ③ cable+ |
| ④ LP_VIDEO_OUT - | ④ cable- |
| ⑤ GP_VIDEO_IN + | ⑤ cable+ |
| ⑥ GP_VIDEO_IN - | ⑥ cable- |
| ⑦ GP_VIDEO_OUT + | ⑦ cable+ |
| ⑧ GP_VIDEO_OUT - | ⑧ cable- |
| ⑨ N.C | ⑨ |
| ⑩ N.C | ⑩ |

Maximum distance of line: 100m



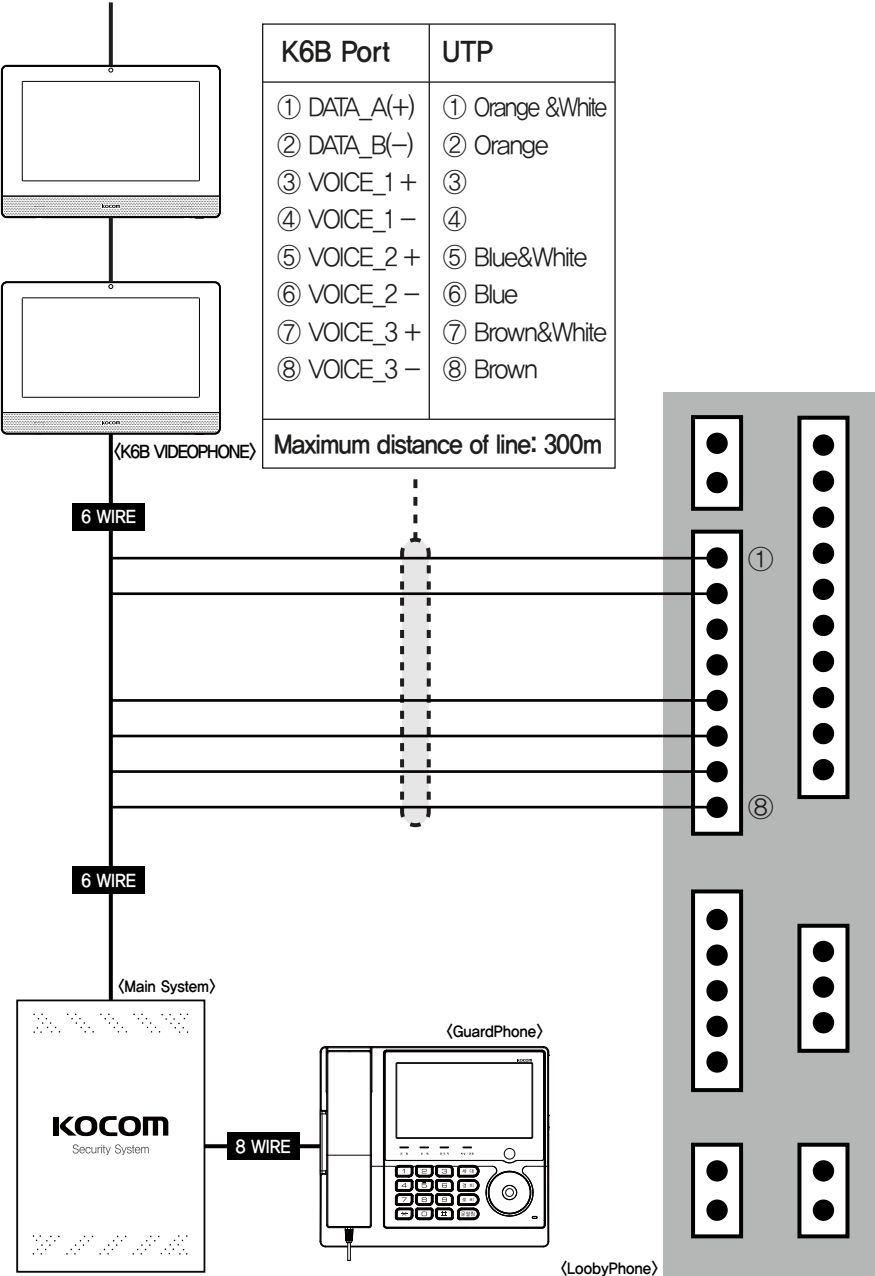
Connection Diagram - Connection diagram of K6B multi-unit house system

- K6B Port of Lobby Phone is the terminal connecting the device of security office and the device of the household.
- Call1+ and Call1- are not used in K6B system.



Connection Diagram - Connection diagram of K6B main system

- K6B Port of Lobby Phone is the terminal connecting the main system and household device.
- Call1+ and Call1- are not used in K6B system.



Lobby Phone Manual

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Main Screen

■ Change to Sleep Mode

- When the power is turned on, the boot image of "Stand By" and "ANDROID" appear on the screen, and the main screen appears after about 55 seconds.
- Main Screen



① 7inch LCD

② RF Card reader

③ Proximity sensor

④ Speaker

⑤ Key pad & LED

⑥ Mic : Voice input

⑦ Lighting sensor

⑧ LED lamp

⑨ K6B System camera lens

⑩ Face recognition camera

Main Screen

■ Change to Sleep Mode

- Changing to Sleep Mode if there is no input of a button and proximity sensor for 30 seconds.



Face Recognition - Door Open

■ If not registered



◎ Face detection

- A circle or a square appears according to the setting of face recognition mark, (Circle: white / Square: Red)

◎ Words of guidance

- A phrase of "Press the number keys on the right to page a household" appears (for about 10 seconds)

Face Recognition - Door Open

■ If registered

◎ Face detection

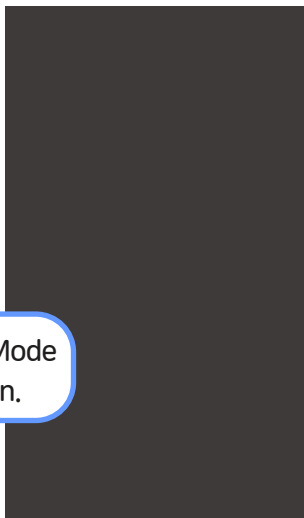
- The border of the face is marked.



◎ Door Open



Change to Sleep Mode
after Door Open.



- Animation of Door Open appears.
- Output of the voice of "The door of the lobby is opened."
- Appearance of the words of guidance of " The door of the lobby is opened,"
- Door Open port is controlled.

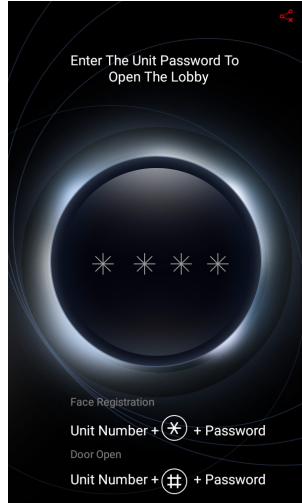
Password - Door Open

■ Enter household No.

- Enter household No. and press "#" button.



■ Enter password



- Enter a 4-digit password.
- Check the password and control Lobby Door Open.
- Output of the voice of "The door of the lobby is opened."
- Door Open port is controlled.

Password - Door Open

■ In case of a wrong password

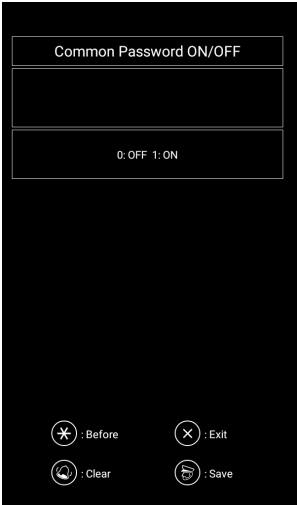
- Output of the voice of "Wrong password. Press it again."
- After input of 3 wrong passwords, a call will be made automatically to the registered security office.



Common Use Password - Door Open

■ Setting the use of common use password

- Use of common use password => Set it as 'Using'.



■ Enter common use password

- Press "#" button and then press the 4–digit common use password.
- Check the password and control Lobby Door Open.
- "Output of the voice of "The door of the lobby is opened."
- Door Open port is controlled.



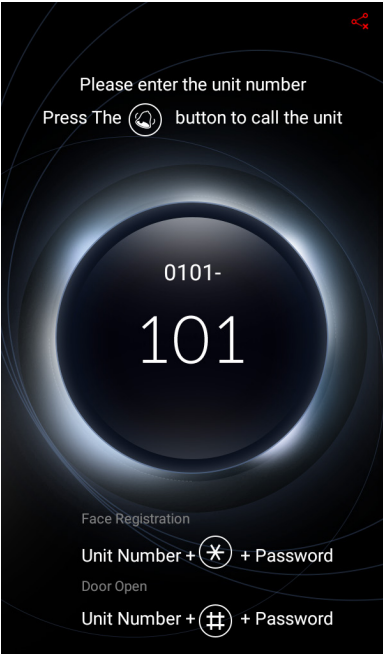
Common Use Password - Door Open

■ In case of a wrong common use password

- Output of the voice of “Wrong password. Press it again.”
- After input of 3 wrong passwords, a call will be made automatically to the registered security office.



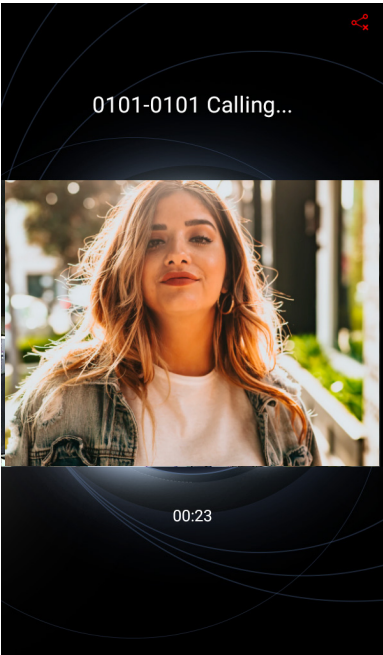
Call - Household



■ Page household.

◎ How to page household

- Press household No.
- Press Page button. [intercom icon]



■ Explanation about operation

◎ How to page household

- Cur rent state display :
"Paging flat #204..." Displaying the household No. and state of paging in text
- Time display : Displaying the paging time, and the waiting time for paging is 30 seconds.
- Page cancellation : Press Cancel or End button. [*] [X]

Call - Household

■ Call with household

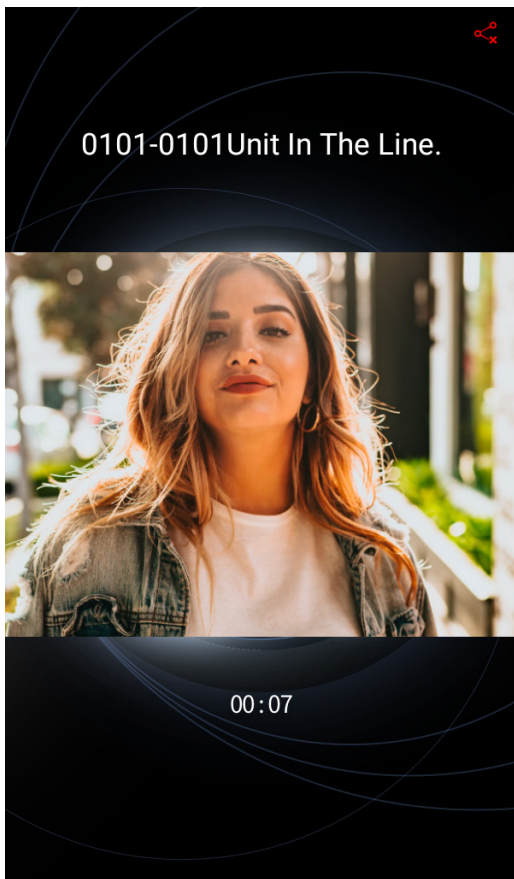
- Current state display : "Call with flat #0101" Displaying the household No. and state of calling in text
- Time display : Displaying the calling time, and the maximum calling time is 3 minutes.
- Door Open : If the household presses Door Open during calling, the door opens and the calling ends.



Call - Household

■ Monitoring

- The household can monitor the set Lobby Phone for the purpose of use of the installer.
- The household can receive the call immediately by Monitoring.
- Time display : Displaying the calling time, and the maximum calling time is 3 minutes.
- Door Open : If the household presses Door Open during calling, the door opens and the calling ends.



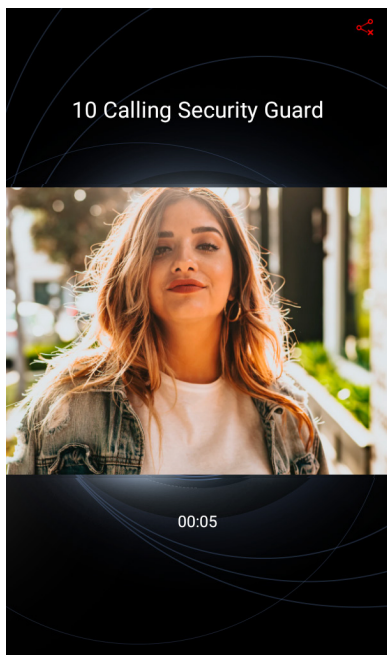
Call - Security





■ Page security

◎ How to page security

- Press Security button. 



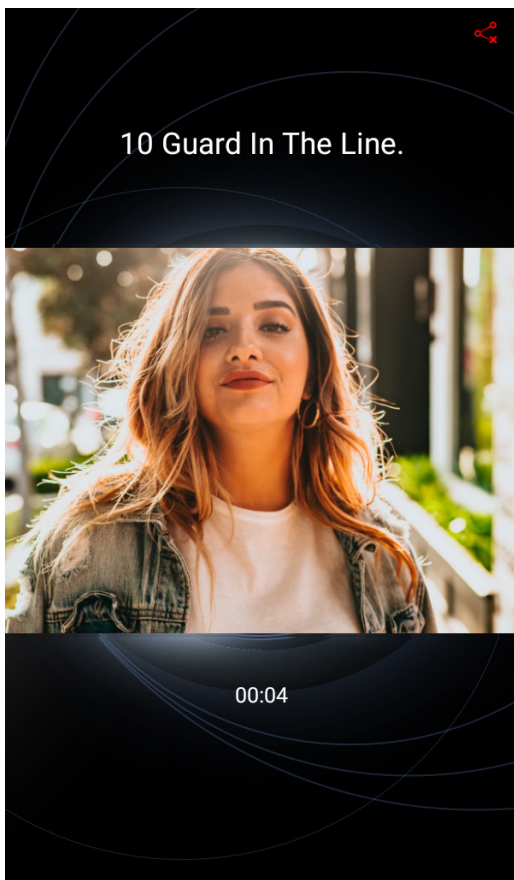
■ Explanation about operation

- Current state display :
"Paging #10 security..." Displaying the security No. and state of paging in text
- Time display :
Displaying the paging time, and the waiting time for paging is 30 seconds.
- Page cancellation :
Press Cancel or End button.  

Call - Security

■ Call with security

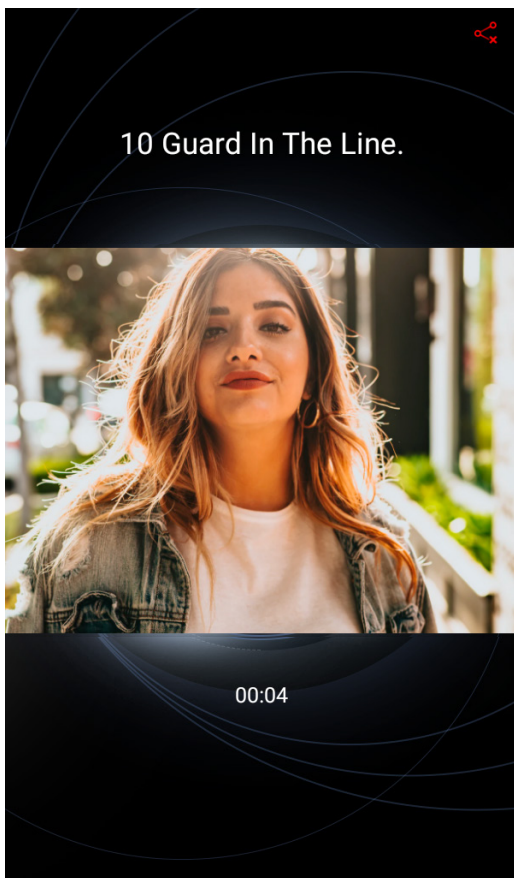
- Current state display : "Call with security #10" Displaying the security No. and state of calling in text
- Time display : Displaying the calling time, and the maximum calling time is 3 minutes.
- Door Open : If the security presses Door Open during calling, the door opens and the calling ends.



Call - Security

■ Monitoring

- The security can monitor the set Lobby Phone in the security office.
- The security can receive the call immediately by Monitoring.
- Time display : Displaying the calling time, and the maximum calling time is 3 minutes.
- Door Open : If the security presses Door Open during calling, the door opens and the calling ends.



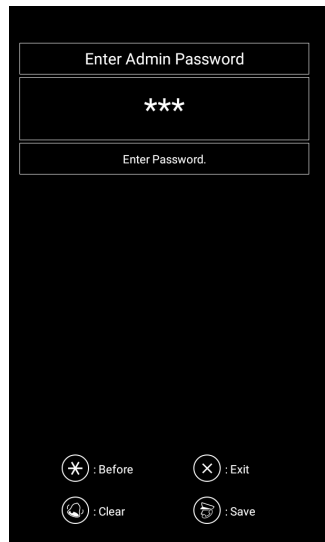
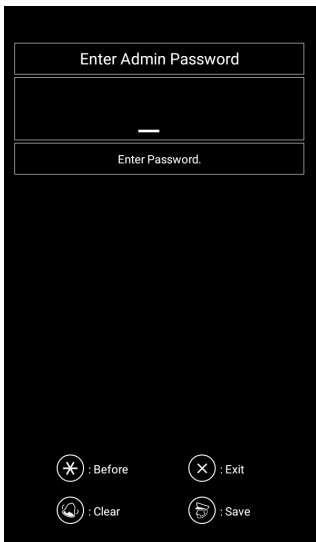
Setting - Entrance

■ Entrance

· How to set entrance



- Press the Page button and Security button on the waiting screen simultaneously for about 2 seconds.

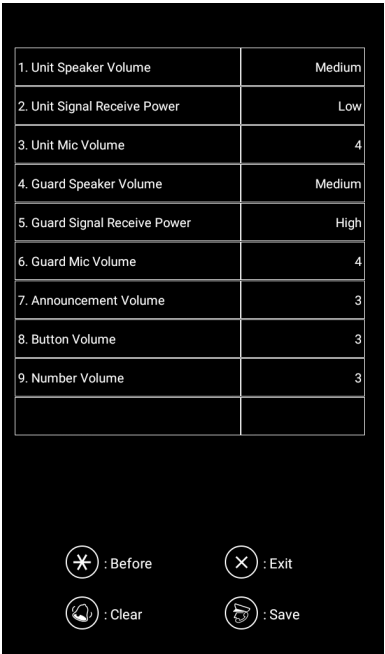
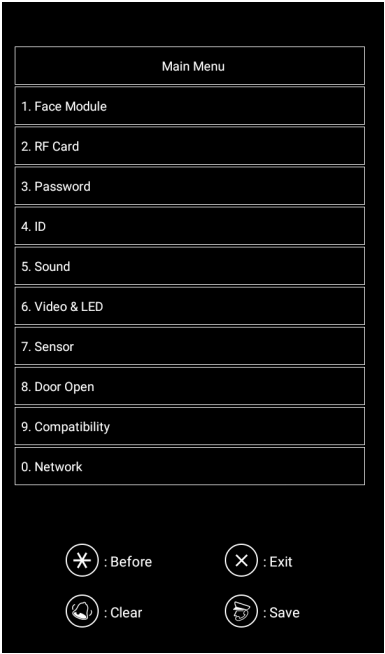


- When the manager's password input window appears, enter the 4-digit password.
- Moving to Setting screen if the 4-digit password is correct

Setting - Entrance

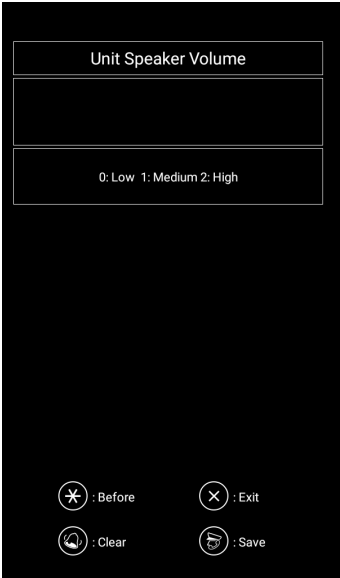
■ How to move in setting screen

- After entering Setting menu, press the Short Code among the items to move to a specific Setting menu.
- **Ex)** Press 5 → 1 to move to "Household speaker volume" Setting screen.

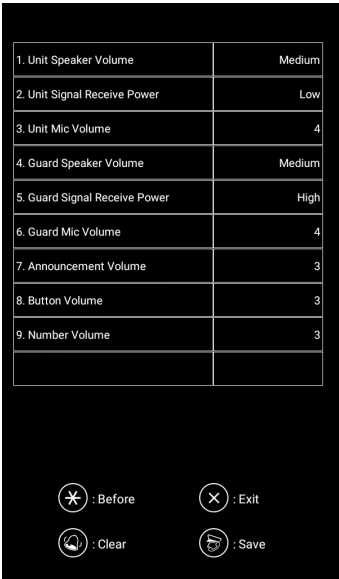
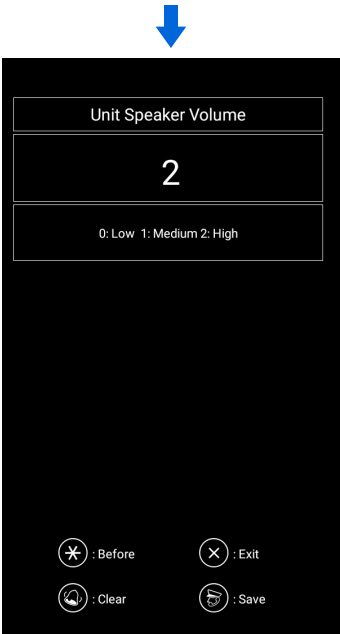


Setting - Entrance

■ How to Set



- After moving to Setting screen, press the Short Code button of the item to set.
- Select the item and press "Security" button to save.





- To change the selected item, press "Page" button.
- **Ex)** Press 5 → 1 to move to "Household speaker volume" Setting screen.


Setting - All menus


- Setting

| |
|------------------|
| Main Menu |
| 1. Face Module |
| 2. RF Card |
| 3. Password |
| 4. ID |
| 5. Sound |
| 6. Video & LED |
| 7. Sensor |
| 8. Door Open |
| 9. Compatibility |
| 0. Network |

 : Before


 : Exit


 : Clear


 : Save


1. Face Module

| | |
|---------------------------------------|------------------------------|
| 1. Face Recognition | ON |
| 2. Face Recognition Distance | 2 Step |
| 3. Resolution | 360P |
| 4. Face Recognition Mode | Individual |
| 5. Indication Types of Face Detection | Square Face Recognition Mark |
| 6. Face Recognition Settings | |
| | |
| | |
| | |
| | |

 : Before


 : Exit


 : Clear


 : Save


1. Face Module > 6. Face Setting

| | |
|---|-------------|
| 1. Face Registration | 0 |
| 2. Search NO. Registered Face | |
| 3. Delete Registered Faces of The Unit. | |
| 4. Delete all Registered Faces | |
| 5. Save Data | |
| 6. Face Registration Password | Unit Number |
| | |
| | |
| | |
| | |

 : Before


 : Exit


 : Clear


 : Save


2. RF Card

| | |
|--------------------------------|-----------------|
| 1. Register Master Card | |
| 2. Register RF Card | |
| 3. Register Unit Card | |
| 4. Delete registered Unit Card | |
| 5. Delete Registered Card | |
| 6. Delete All Registered Cards | |
| 7. RF Server ON/OFF | IP |
| 8. RF Card Data | Internal Memory |
| | |
| | |

 : Before

 : Exit


 : Clear


 : Save


Setting - All menus


3. Password

| | |
|---|------|
| 1. Common Password | 9999 |
| 2. Admin Password | **** |
| 3. Face Recognition Admin Password | **** |
| 4. Password Incorrect. Calling Security | ON |
| | |
| | |
| | |
| | |
| | |
| | |

 : Before


 : Exit


 : Clear


 : Save


4. ID

| | |
|-------------------|-----|
| 1. Block Number | 101 |
| 2. Lobby Number | 1 |
| 3. Guard Number | 10 |
| 4. Group Video | 1 |
| 5. Lobby Register | |
| | |
| | |
| | |
| | |
| | |

 : Before


 : Exit


 : Clear


 : Save


5. Sound

| | |
|-------------------------------|--------|
| 1. Unit Speaker Volume | Medium |
| 2. Unit Signal Receive Power | Low |
| 3. Unit Mic Volume | 4 |
| 4. Guard Speaker Volume | Medium |
| 5. Guard Signal Receive Power | High |
| 6. Guard Mic Volume | 4 |
| 7. Announcement Volume | 3 |
| 8. Button Volume | 3 |
| 9. Number Volume | 3 |
| | |

 : Before


 : Exit


 : Clear


 : Save


6. Image & LED

| | |
|------------------------------|--------|
| 1. LCD backlight ON (Always) | OFF |
| 2. LED button ON (Always) | ON |
| 3. LED button On (xx sec) | 10 |
| 4. LED brightness | 5 |
| 5. 2 Line system video line | 1 Line |
| 6. Guard video | Call |
| 7. DVR output ON/OFF | OFF |
| | |
| | |
| | |

 : Before

 : Exit


 : Clear


 : Save


Setting - All menus


7. Sensor

| | |
|----------------------------------|--------|
| 1. Sensor1 | Motion |
| 2. Sensor2 | OFF |
| 3. Proximity Sensor ON/OFF | ON |
| 4. Proximity Sensor Settings | |
| 5. proximity Sensor Data | 20 |
| 6. Lighting Sensor Button ON/OFF | ON |
| 7. Lighting Sensor Camera ON/OFF | ON |
| 8. Lighting Sensor Face ON/OFF | ON |
| | |
| | |

 : Before


 : Exit


 : Clear


 : Save


8. Door Open

| | |
|---------------------------|--------|
| 1. RF Card ON/OFF | ON |
| 2. Unit Password ON/OFF | ON |
| 3. Common Password ON/OFF | ON |
| 4. Door Opening Time | 2(Sec) |
| | |
| | |
| | |
| | |
| | |

 : Before


 : Exit


 : Clear


 : Save


9. Compatibility

| | |
|---------------------------------|--------|
| 1. Reset | |
| 2. System | 8 Line |
| 3. Parking Control Lobby ON/OFF | OFF |
| 4. Courier Notification ON/OFF | OFF |
| 5. Elevator ON/OFF | OFF |
| 6. Direct Call ON/OFF | OFF |
| 7. BLE Settings | |
| 8. Copy EEPROM IC | |
| 9. Update | |
| 0. Line Test | |

 : Before


 : Exit


 : Clear


 : Save


9. Compatibility > 7. BLE

| | |
|--------------------------------------|-------------|
| 1. BLE ON/OFF | OFF |
| 2. BLE Android Signal Received Power | 101(dB) |
| 3. BLE iOS Signal Received Power | 65(dB) |
| 4. BLE Uit Line | 1 ~ 99 Line |
| | |
| | |
| | |
| | |
| | |

 : Before

 : Exit


 : Clear


 : Save


Setting – All menus


9. Compatibility > 0. Line Test

| | |
|---------------------|------|
| 1. The First Unit | 0000 |
| 2. The Last Unit | 0000 |
| 3. Start Test | |
| 4. View The Results | |
| | |
| | |
| | |
| | |
| | |
| | |

 : Before


 : Exit


 : Clear


 : Save


0. Network

| | |
|--------------------------------------|------------------------------|
| 1. Network ON/OFF | ON |
| 2. Town Network Configuration Method | Basic network configuration. |
| 3. IP Address | 10.101.254.1 |
| 4. Subnet Mask | 255.255.0.0 |
| 5. Default Gateway | 10.101.0.254 |
| 6. Town Server Address | 10.254.254.1 |
| 7. SIP Server Address | 10.254.254.1 |
| 8. RF Server Address | 0.0.0.0 |
| | |
| | |

 : Before

 : Exit


 : Clear


 : Save


Setting - All menus


Face Module setting

| | |
|---------------------------------------|------------------------------|
| 1. Face Recognition | ON |
| 2. Face Recognition Distance | 2 Step |
| 3. Resolution | 360P |
| 4. Face Recognition Mode | Individual |
| 5. Indication Types of Face Detection | Square Face Recognition Mark |
| 6. Face Recognition Settings | |
| | |
| | |
| | |
| | |

 : Before


 : Exit


 : Clear


 : Save




| | |
|--|-------------|
| 1. Face Registration | 0 |
| 2. Search NO. Registered Face | |
| 3. Delete Registered Faces of The Unit | |
| 4. Delete all Registered Faces | |
| 5. Save Data | |
| 6. Face Registration Password | Unit Number |
| | |
| | |
| | |
| | |

 : Before

 : Exit

 : Clear

 : Save

■ Face Module setting

· Manager menu > 1. Face Module

1. Use of face recognition

The menu for selection of use of face recognition function.

2. Distance of face recognition

Set the distance of use of face recognition.

3. Resolution

Set the resolution of the image displayed on the screen during face recognition.

4. Face Recognition mode

Set face recognition to recognize one person or several persons at the same time.

5. Kind of face recognition mark

Can change the line of face recognition mark.

6. Face setting

Menu for management of face data including registration, deletion, etc. of face.

· 1. Face Module > 6. Face Setting

1. Face Registration

Menu for registration of face.

2. Face Checking

Can check the face registration data.

3. Deletion of face by household No.

Menu for deletion of registered face data of each household.

4. Deletion of all faces

Menu for deletion of all registered face data.

5. Saving Data

Can backup and upload face data.

6. Password for face registration

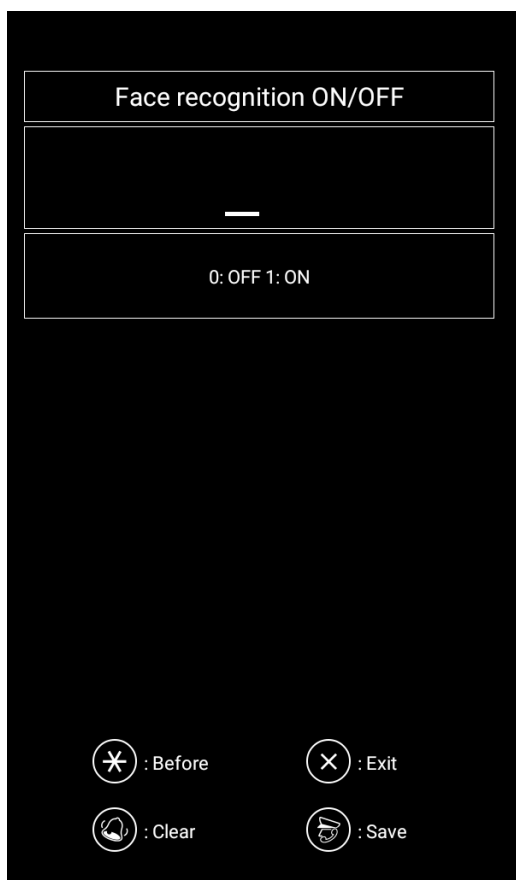
Can change the password for registration of face by entering the household No.

Setting - Face Module

■ Use of Face Recognition

- Setting the use of face recognition.
- Using : #1

Not using : Press #0 and then press "Security" button to save.

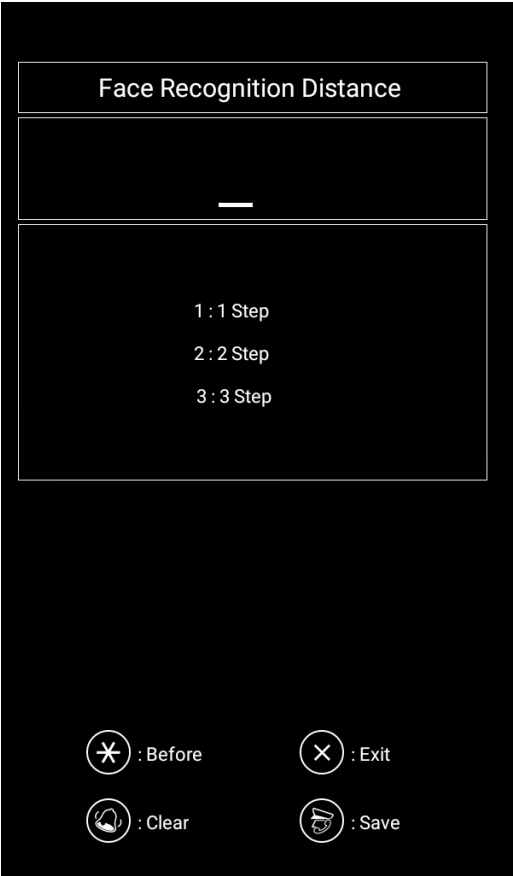


Setting - Face Module

Distance of Face Recognition

- The menu used for setting the distance of face recognition
- There are 3 steps of basic value, and face recognition can be done within a distance of about 3m.

Step 1 : Face recognition within about 1m
Step 2 : Face recognition within about 2m
Step 3 : Face recognition within about 3m



Setting - Face Module

■ Resolution

- The menu used for adjustment of the resolution displayed on the screen during face recognition. The default value is 720p.

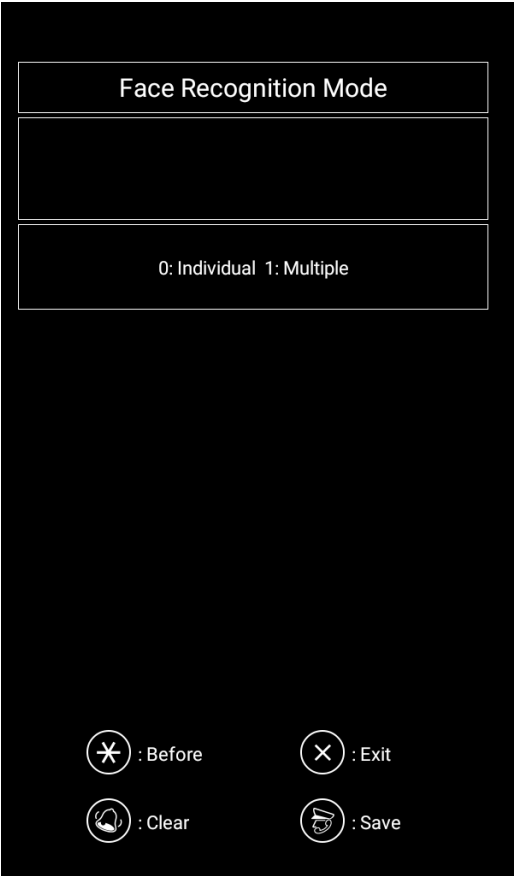
· **720P** (1024 x 720) · **360P** (640 x 360)



Setting - Face Module

■ Face Recognition Mode

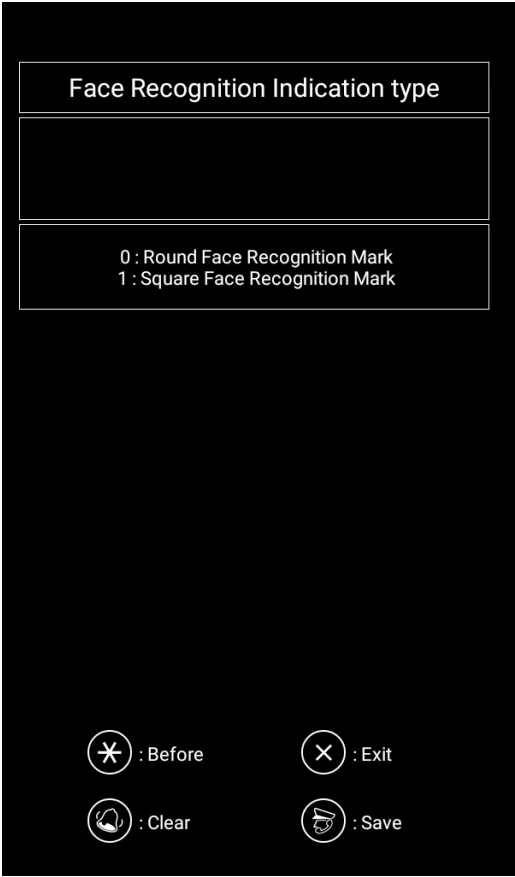
- Possible to set the mode to recognize one or several registered faces



Setting - Face Module

■ Kind of face recognition mark


- Can set the line of face recognition mark as a circle or a square.





Setting – Face Module


■ Face Setting

| | |
|--|-------------|
| 1. Face Registration | 0 |
| 2. Search NO. Registered Face | |
| 3. Delete Registered Faces of The Unit | |
| 4. Delete all Registered Faces | |
| 5. Save Data | |
| 6. Face Registration Password | Unit Number |
| | |
| | |
| | |
| | |

 : Before

 : Exit

 : Clear

 : Save

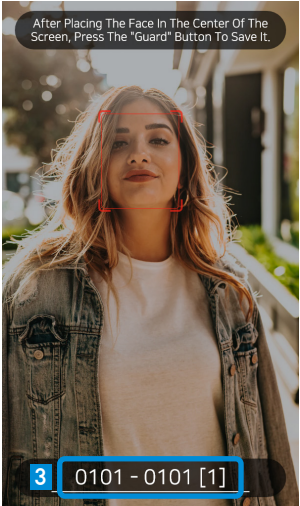
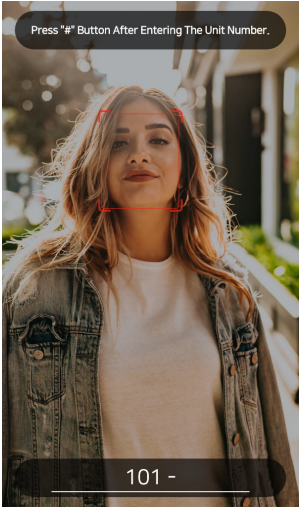
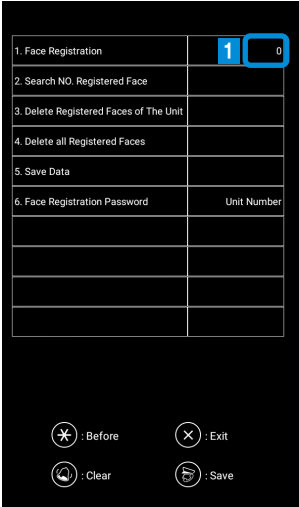
- Menu for management of face data including registration and deletion of user's face.
- Can change the relevant set value by entering the sub–menu.

- 1. Face Registration**
Menu for registration of face.
- 2. Face Checking**
Can check the face registration data.
- 3. Deletion of face by household No.**
Menu for deletion of registered face data of each household.
- 4. Deletion of all faces**
Menu for deletion of all registered face data.
- 5. Saving Data**
Can backup and upload face data.
- 6. Password for face registration**
Can change the password for registration of face by entering the household No.

Setting - Face Module

■ Face Setting › Face Registration

- **1** Displaying the total number of registered faces.
- Can register up to 8000 faces.
- Press Building No. + # + Household No. + #.
- **2** Displaying the number of stored faces of entered Flat #0101 of Bldg. 0101[0].
- Press "Security" button to register the face.
- **3** Displaying the number of stored faces of Flat #0101 of Bldg. 0101[1] after completion of registration.
- **3** Maximum 99 persons can be registered in one household No.



Setting - Face Module

■ Face Setting > Face Checking

Search NO. Registered Face

Press "Guard" Button To Search After Entering Block and Unit Numbers

✱ : Before

✕ : Exit

↺ : Clear

↻ : Save

➡

Search NO. Registered Face

101-101

Press "Guard" Button To Search After Entering Block and Unit Numbers

✱ : Before

✕ : Exit

↺ : Clear

↻ : Save

Search NO. Registered Face

1

Press "Guard" Button To Search After Entering Block and Unit Numbers

✱ : Before

✕ : Exit

↺ : Clear

↻ : Save

- Checking the number of all faces registered in a household.
- Press the buttons of Bldg. No. + "#" + Household No. + "#".
- Press "Security" button to display the total number of registered faces.

Setting - Face Module

■ Face Setting > Deletion of face by household No.

Delete face unit number

Press "Guard" Button To Delete After Entering Block and Unit Numbers

Delete All Registered The Face Information of Entered Unit Number

✱ : Before

✕ : Exit

↺ : Clear

↻ : Save

➡

Delete face unit number

101-101

Press "Guard" Button To Delete After Entering Block and Unit Numbers

Delete All Registered The Face Information of Entered Unit Number

✱ : Before

✕ : Exit

↺ : Clear

↻ : Save

Delete face unit number

101-101

ⓘ

Block No.0101-Unit No.0101

: Press "Guard" Button To Delete All Registered Information.

✱ : Before

✕ : Exit

↺ : Clear

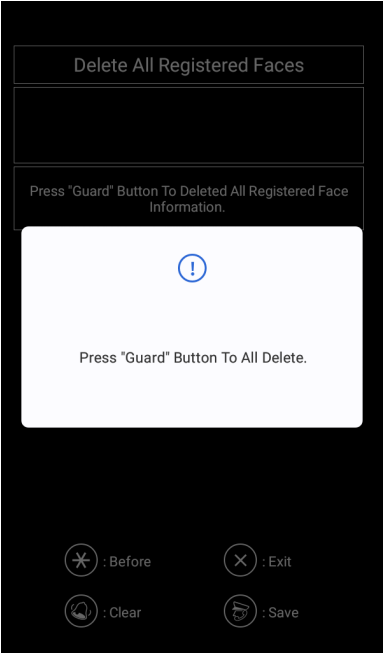
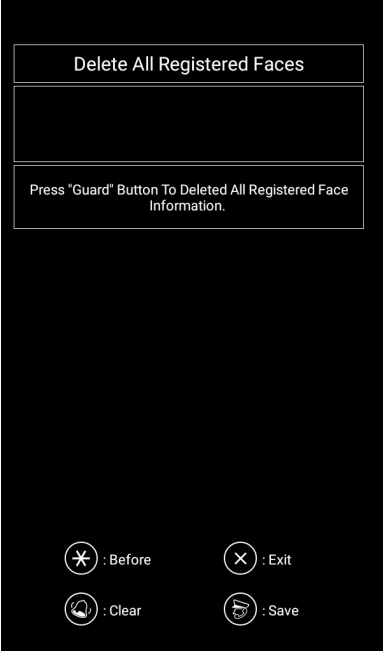
↻ : Save

- Deleting all the faces registered in a household
- Press the buttons of Bldg, No. + "#" + Household No. + "#".
- Press "Security" button to activate the pop-up window for deletion.
- Press "Security" button once again for deletion.

Setting - Face Module

■ Face Setting > Deletion of all faces

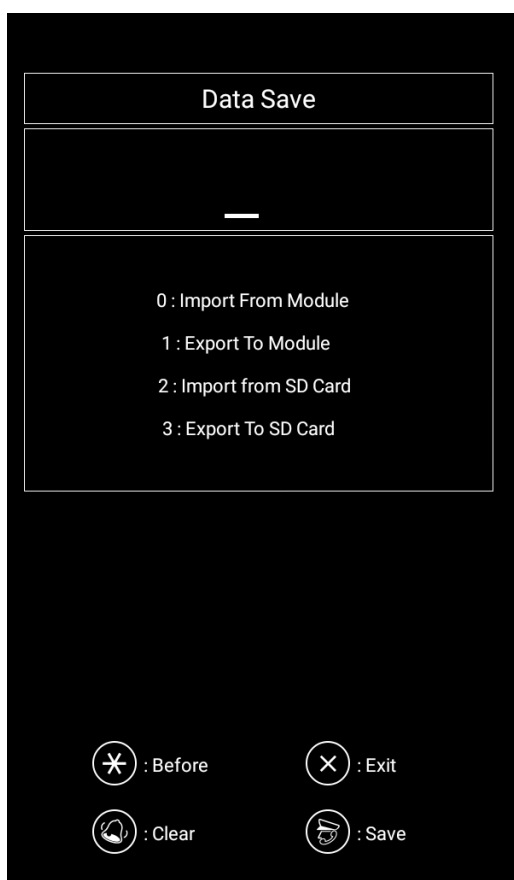
- Deleting all registered face data (Be careful.)
- Press "Security" button to activate the pop-up window deletion of all faces.
- Press "Security" button once again for deletion of all faces.



Setting - Face Module

■ Face Setting › Saving Data

- Used for maintenance of Lobby Phone.
- Bringing data from module. (Copying data of module into internal memory)
- Exporting data to module. (Copying data of internal memory into module)
- Brining data from SD Card. (Copying data of SD Card into internal memory and module)
- Exporting to SD Card. (Copying data of internal memory into SD Card)

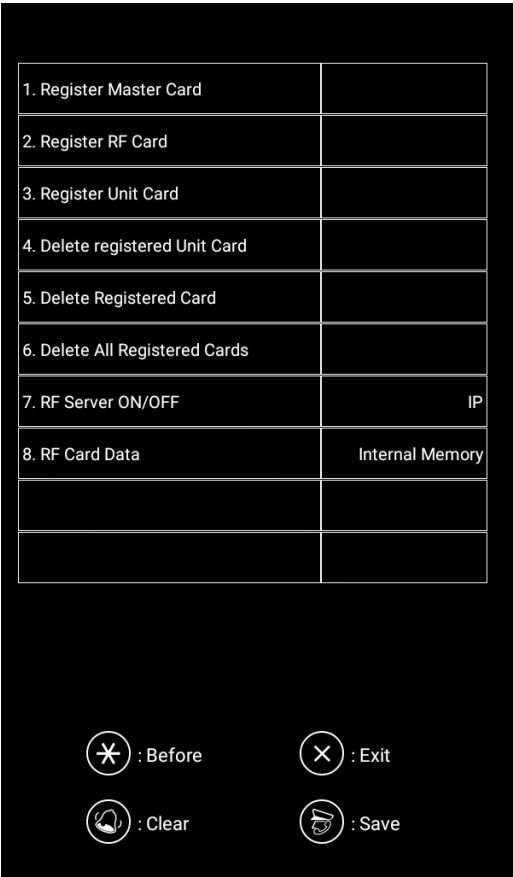


Setting - RF card

■ RF card

RF Card Setting

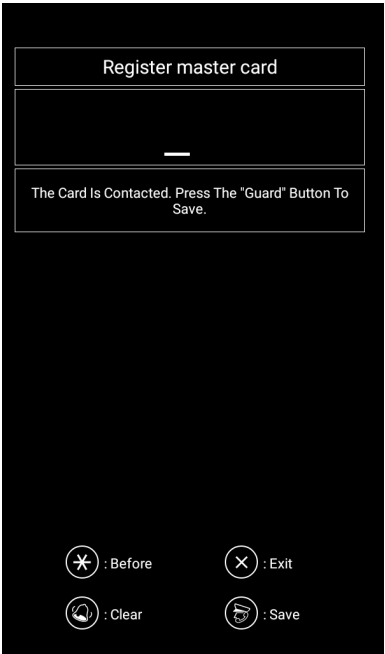
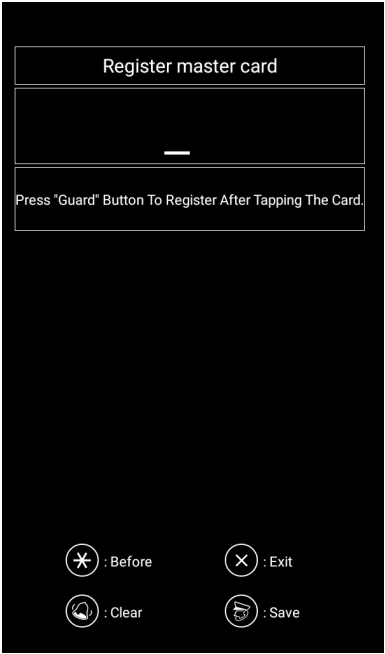
· Setting menu related to registration and deletion of RF Card.



Setting - RF card

■ Master Card registration

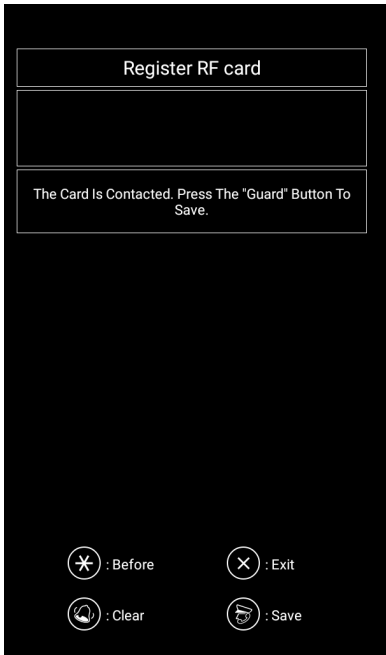
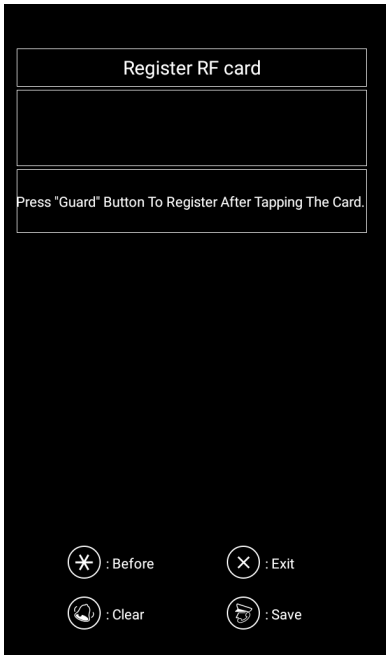
- Touch the card to be registered.
(Voice of "Unregistered card" comes out.)
- Press "Security" button.
- Voice of "The card has been registered" comes out and registration of the Master Card is completed.
- Deletion of Master Card after registration needs "Factory Initialization" and thus be careful.
- If a new card is registered as the Master Card, the card registered last becomes the Master Card.



Setting – RF card

■ Registration of the card for RF registration

- The card for RF registration is used for easy entry into RF Card Registration menu with a touch of the card.
- Touch the card to be registered.
(Voice of "Unregistered card" comes out.)
- Press "Security" button.
- Voice of "The card has been registered" comes out and registration of the card for RF registration is completed.
- Deletion of the card for RF registration after registration needs "Factory Initialization" or "Deletion of All Cards" and thus be careful.
- If a new card is registered as the card for RF registration, the card registered last becomes the card for RF registration.



Setting - RF card

■ Registration of household card

Unit Card Registration

0101-

Press "*" Button After Entering The Unit Number.
And Tap The Card To Register

* : Before

✕ : Exit

↶ : Clear

↷ : Save

➡

Unit Card Registration

0101-101

Press "*" Button After Entering The Unit Number.
And Tap The Card To Register

* : Before

✕ : Exit

↶ : Clear

↷ : Save

Unit Card Registration

0101-101

Card Registration Is Complete. Please Tap The Next
Card.

* : Before

✕ : Exit

↶ : Clear

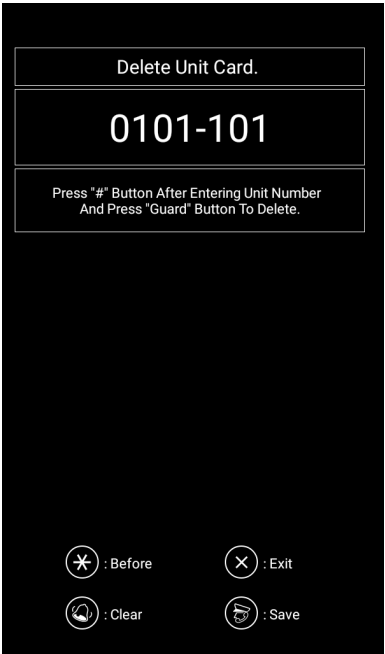
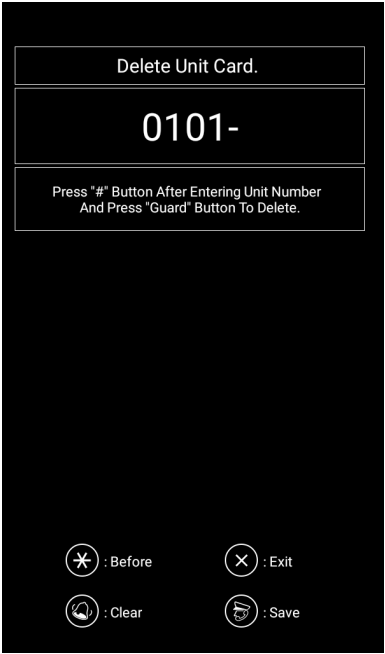
↷ : Save

- Press household No. + "*" button.
- Touch the card to be registered.
- Voice of "The card has been registered" comes out and registration of the card is completed.
- Touch the next card for successive registration.
- It is recommended that one household registers 4 cards.

Setting - RF card

■ Deletion of household card

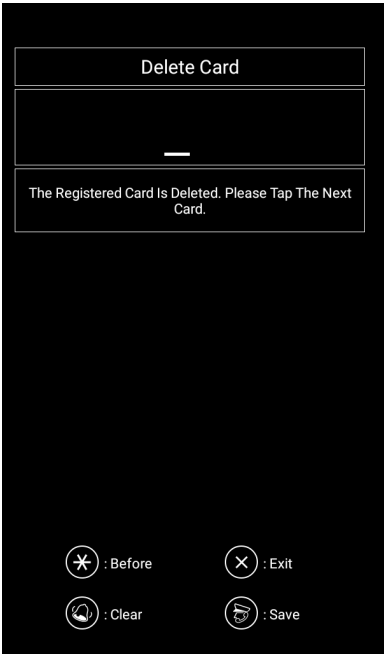
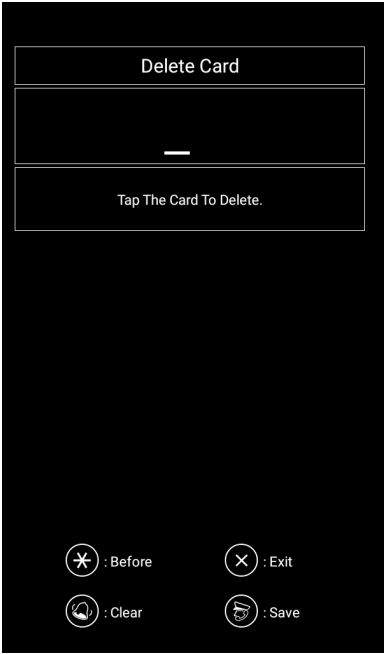
- Press household No. + "#" button.
- Press "Security" button.
- Voice of "The card has been deleted" comes out and deletion of the card is completed.



Setting – RF card

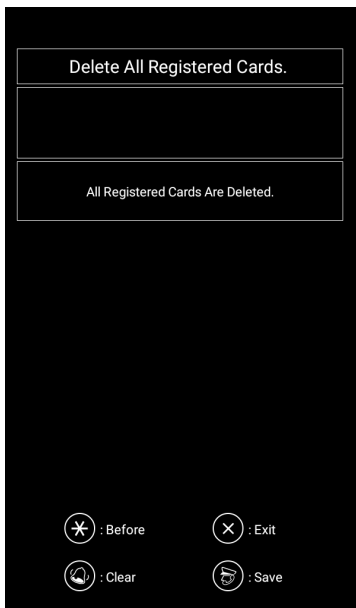
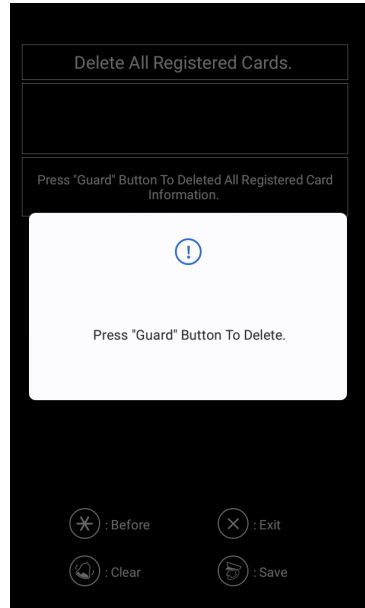
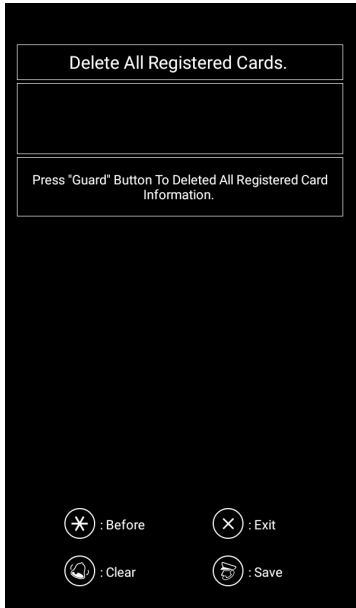
■ Deletion of card

- Touch the card to be deleted.
- Voice of "The card has been deleted" comes out and deletion of the card is completed.



Setting - RF card

■ Deletion of all cards



- Press "Security" button and the pop-up window for confirmation appears.
- Press "Security" button once again to proceed with deletion of all cards.
- Voice of "The cards have been deleted" comes out and deletion of all cards is completed.
- All registered cards are deleted and thus be careful.


Setting - RF card


■ Use of RF Card


- Set use of RF server link and communication method.
- 485: Used for linking with the server card of the main device
- IP: Used for connection of Lobby Phone and RF Server directly with LAN (To be updated)

RF Server ON/OFF

RF Server Usage Settings.
0: OFF 1: 485 2: IP

 : Before

 : Exit

 : Clear


 : Save


Setting - Password


■ Password


- Menu for setting the password of Lobby Phone
- All passwords used for Lobby Phone are processed automatically by comparison check after input of a 4–digit password without a separate confirmation button.

| | |
|---|------|
| 1. Common Password | 9999 |
| 2. Admin Password | **** |
| 3. Face Recognition Admin Password | **** |
| 4. Password Incorrect. Calling Security | ON |
| | |
| | |
| | |
| | |
| | |
| | |

 : Before

 : Exit

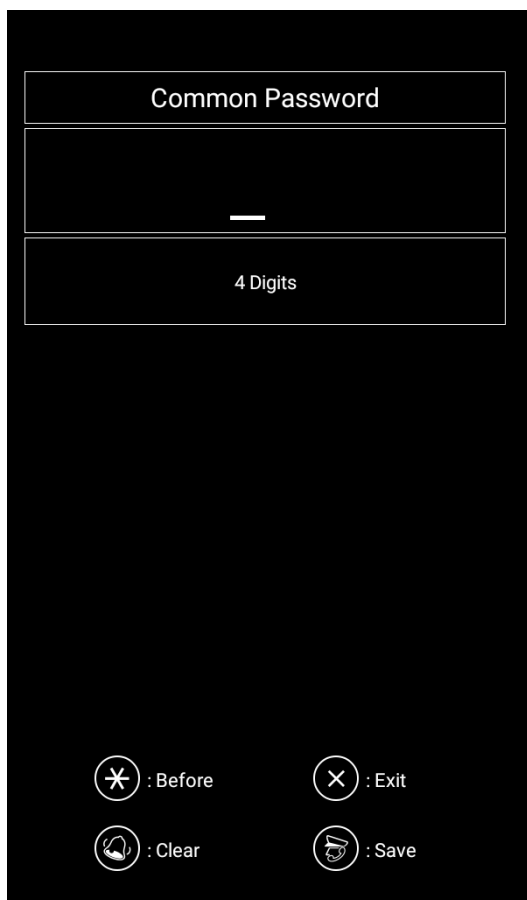
 : Clear

 : Save

Setting - Password

■ Common use password

- Referring to the password commonly used for Door Open of the Lobby.
- Enter a 4-digit common use password and press "Security" button to save.
- This function can be used after setting 'Yes' in "8.Door Open > 3.Use of common use password".
- The default password is 9999, and a new password should be registered.







The image shows a screen for setting a common password. It has a black background with white text and icons. At the top, there is a title bar labeled "Common Password". Below it is a large rectangular input field for the password, which currently shows a single underscore character. Underneath the input field is a label "4 Digits". At the bottom of the screen, there are four circular buttons arranged in a 2x2 grid. Each button contains an icon and a label: a star icon for "Before", an 'X' icon for "Exit", a hand with a cloth icon for "Clear", and a hand with a key icon for "Save".

Common Password

—

4 Digits

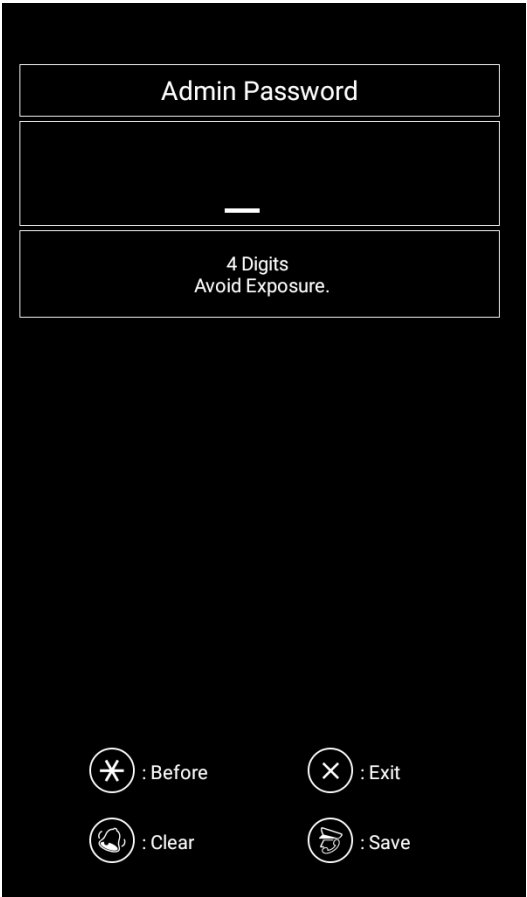
 : Before  : Exit

 : Clear  : Save

Setting - Password

■ Manager's password

- The password necessary for entering the Lobby Phone Setting menu.
- Enter a 4-digit manager's password and press "Security" button to save.
- The default password is 9999, and a new password should be registered.




Setting - Password


■ Manager's password for fact registration


- The password used for face registration only for household No.(1000,2000,3000,4000,5000,6000, 7000,8000,9000)
- Enter a 4-digit manager's password and press "Security" button to save.
- The setting should be a password in the setting of "1.Face Module> 7. Face Setting> 9. Password for Face Registration".
- The default password is 1000, and a new password should be registered.


Face Registration Admin Password

4 Digits.
Avoid Exposure.

 : Before

 : Exit

 : Clear


 : Save


Setting - ID


■ ID


- The ID menu basically set for operation of Lobby Phone.

| | |
|-------------------|-----|
| 1. Block Number | 101 |
| 2. Lobby Number | 1 |
| 3. Guard Number | 10 |
| 4. Group Video | 1 |
| 5. Lobby Register | |
| | |
| | |
| | |
| | |
| | |

 : Before

 : Exit

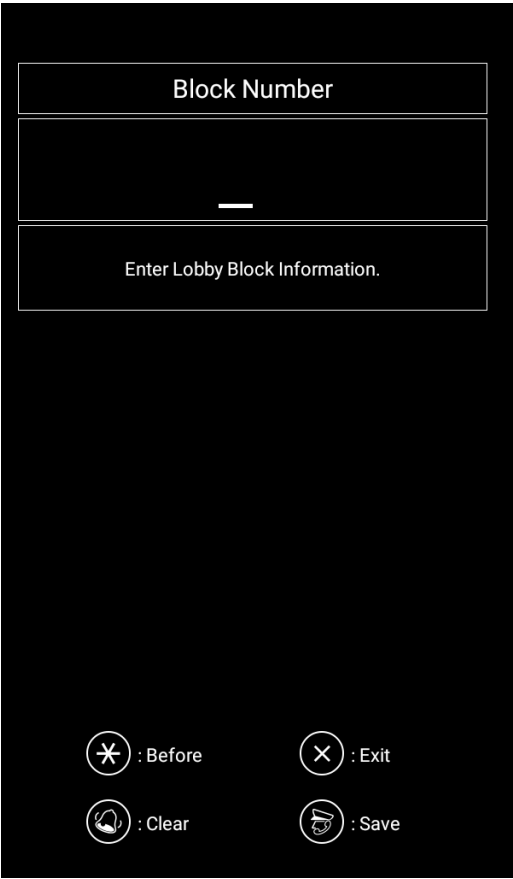
 : Clear

 : Save

Setting - ID

■ Building No.

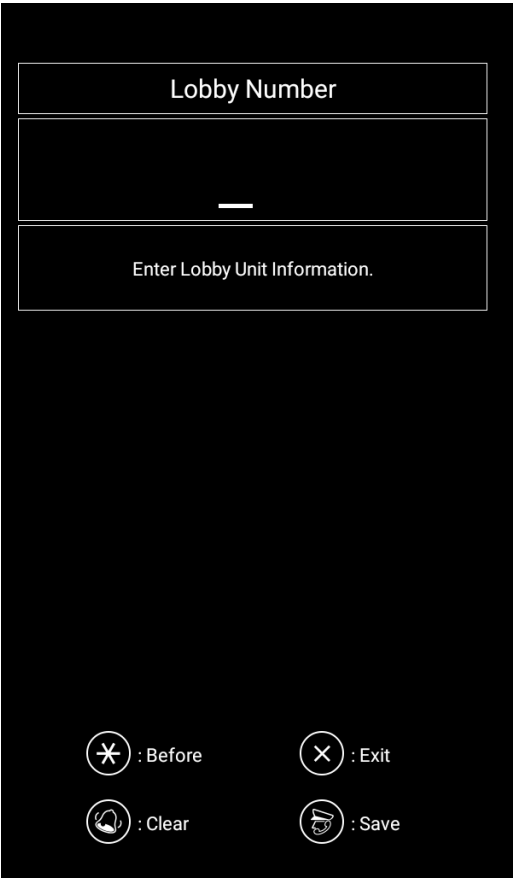
- Press a 4-digit Building No. and press "Security" button to save.



Setting - ID

■ Lobby No.

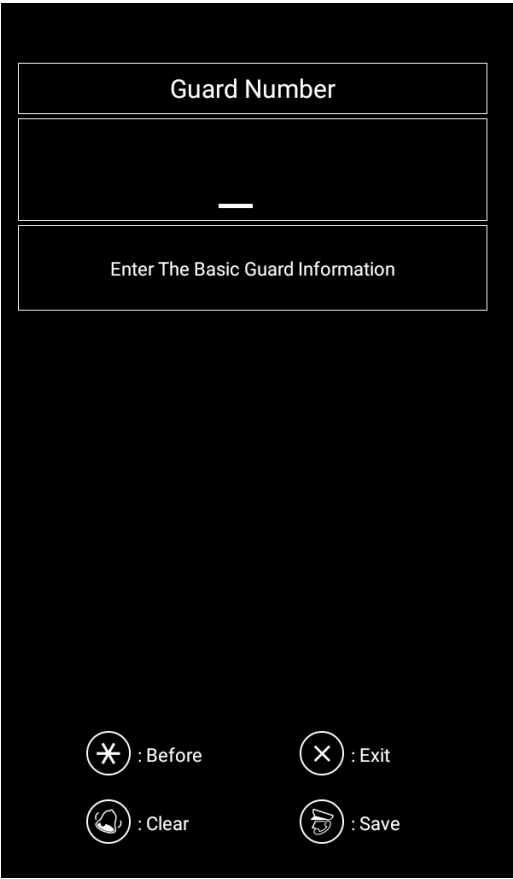
- Enter a 2-digit Lobby No. and press "Security" button to save.
- An overlapped Lobby No. may cause a problem to the entire system, and thus be careful.



Setting - ID

■ Security No.

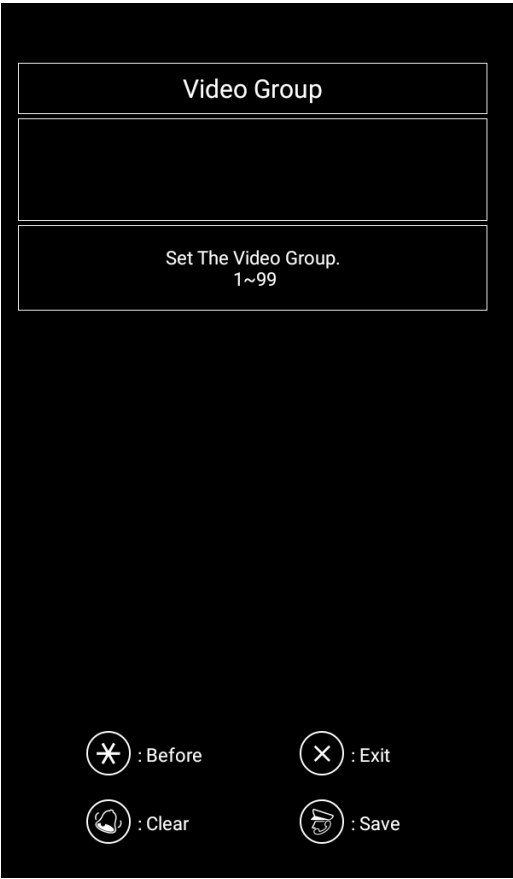
- Enter a 2-digit Security No. and press "Security" button to save.



Setting - ID

■ Image Group

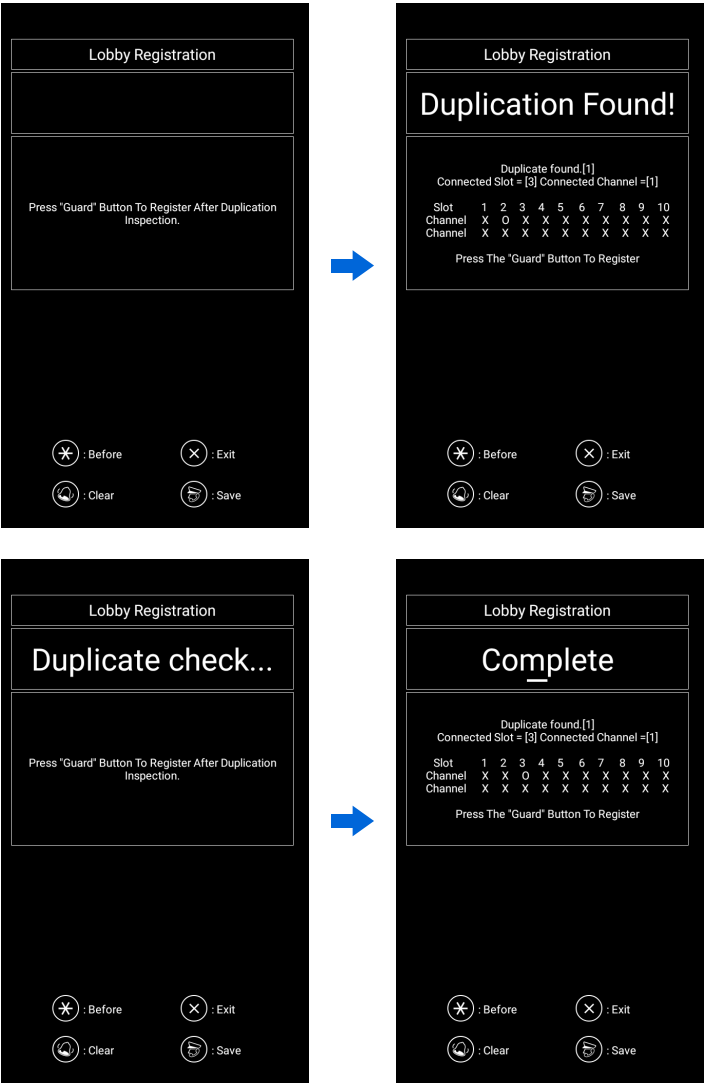
- Enter a 2-digit Image Group and press "Security" button to save.
- Image Group is used for setting of the range of link between the Lobby Phone and the household device.



Setting - ID

■ Registration of Lobby Phone

- Used for linking the main device system
- Press "Security" button according to guidance and proceed with the next step.
- ID overlapping is checked and displayed by communication with the main device.
- An overlapping ID may cause a problem to the system.





Setting - Sound


■ Sound


- The setting menu related to the dial tone, comment voice, and the button sound of Lobby Phone.

| | |
|-------------------------------|--------|
| 1. Unit Speaker Volume | Medium |
| 2. Unit Signal Receive Power | Low |
| 3. Unit Mic Volume | 4 |
| 4. Guard Speaker Volume | Medium |
| 5. Guard Signal Receive Power | High |
| 6. Guard Mic Volume | 4 |
| 7. Announcement Volume | 3 |
| 8. Button Volume | 3 |
| 9. Number Volume | 3 |
| | |

 : Before

 : Exit

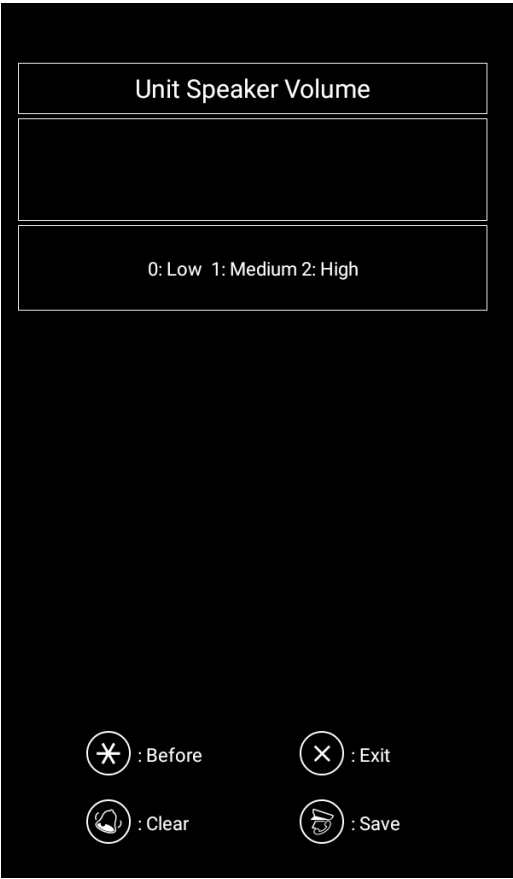
 : Clear

 : Save

Setting - Sound

■ Sound

- Setting the receiving speaker volume of Lobby Phone when calling with a household.
- The basic volume is set at "medium".




Setting - Sound


■ Receiving sensitivity of household


- Setting the receiving sensitivity in Lobby Phone when calling with a household
- The basic volume is set at "low".


Unit Signal Receive Power

0~7

 : Before

 : Exit

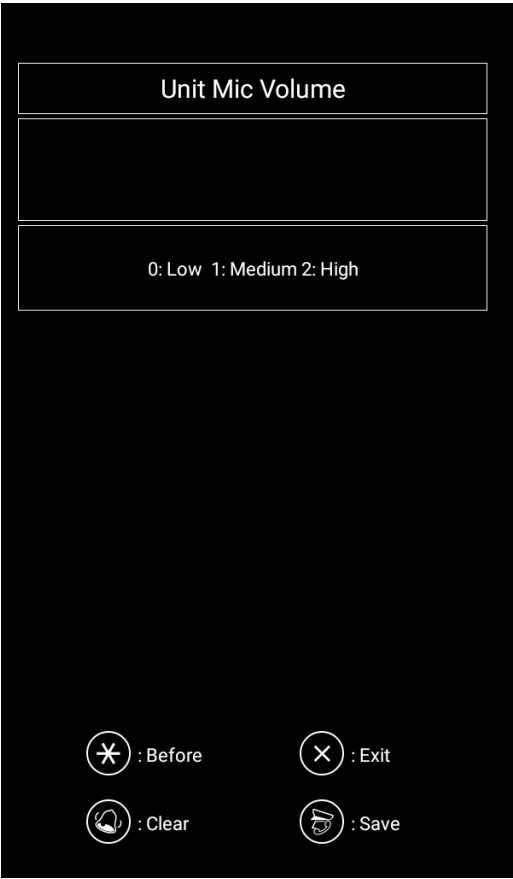
 : Clear

 : Save

Setting - Sound

■ Household mike volume

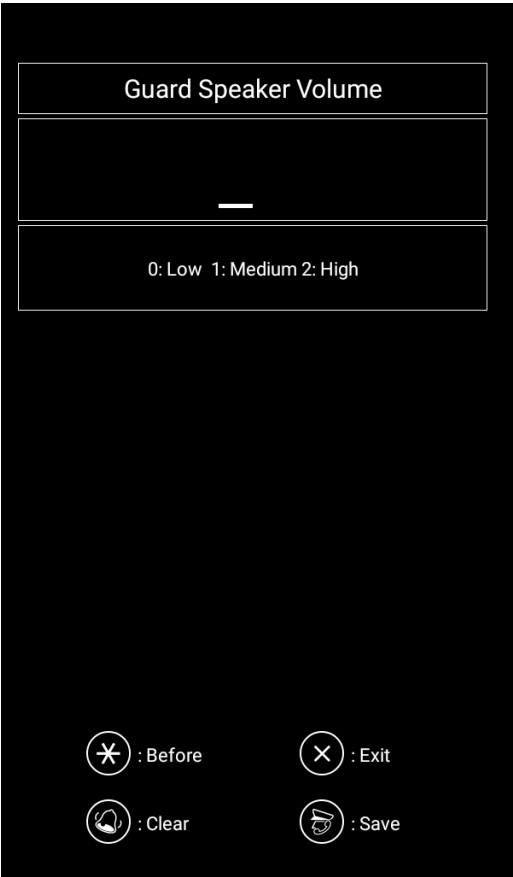
- Setting the transmission mike volume in Lobby Phone when calling with a household.
- The basic volume is set at "4".



Setting - Sound

■ Guard speaker volume

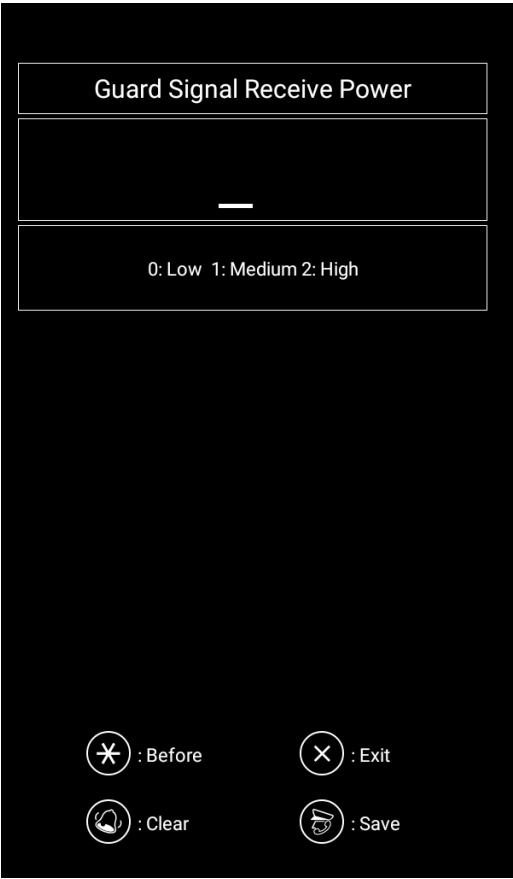
- Setting the receiving speaker volume in Lobby Phone when calling with Security.
- The basic volume is set at "low".



Setting - Sound

■ Receiving sensitivity of Security

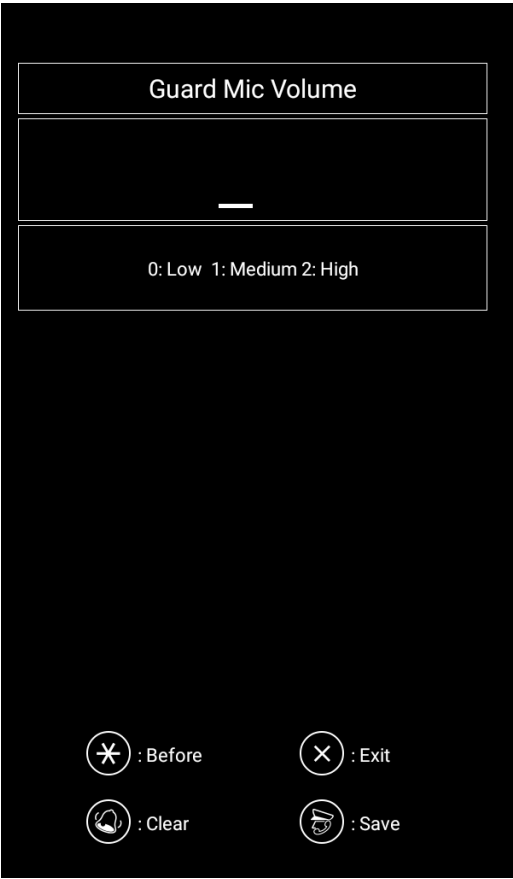
- Setting the receiving sensitivity in Lobby Phone when calling with Security
- The basic volume is set at "low".



Setting - Sound

■ Security mike volume

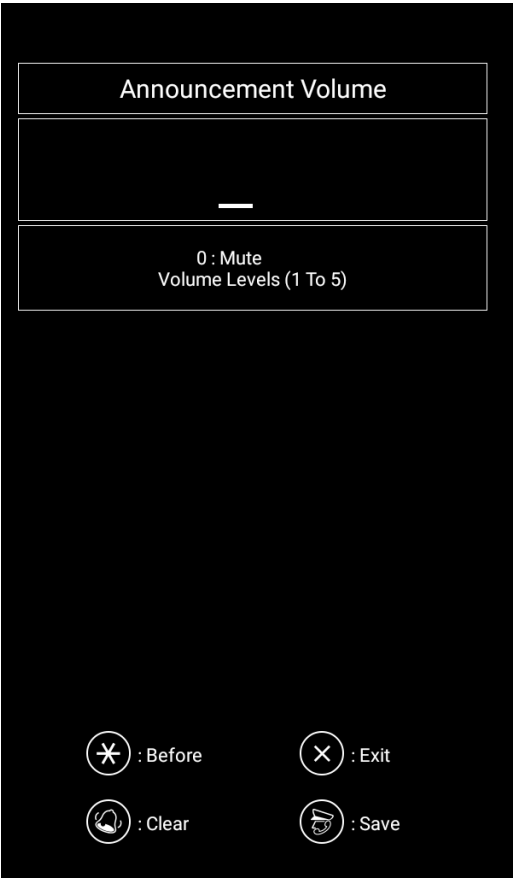
- Setting the transmission mike volume in Lobby Phone when calling with Security.
- The basic volume is set at "4".



Setting - Sound

■ Announcement volume

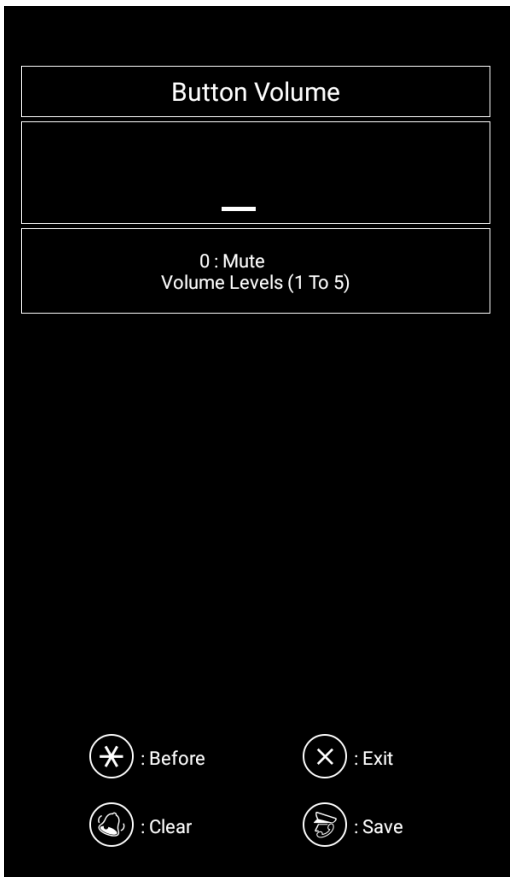
- Setting the volume of comment (1 ~ 5)
- The basic volume is set at "3".
- "0" is silence.



Setting - Sound

■ Button volume

- Setting the volume of button (1 ~ 5)
- The basic volume is set at "3".
- "0" is silence.





Setting - Image & LED


■ Image & LED


· Menu for setting the image and LED of Lobby Phone.

| | |
|------------------------------|--------|
| 1. LCD backlight ON (Always) | OFF |
| 2. LED button ON (Always) | ON |
| 3. LED button On | 10 |
| 4. LED brightness | 5 |
| 5. 2 Line system video line | 1 Line |
| 6. Guard video | Call |
| 7. DVR output ON/OFF | OFF |
| | |
| | |
| | |

 : Before

 : Exit

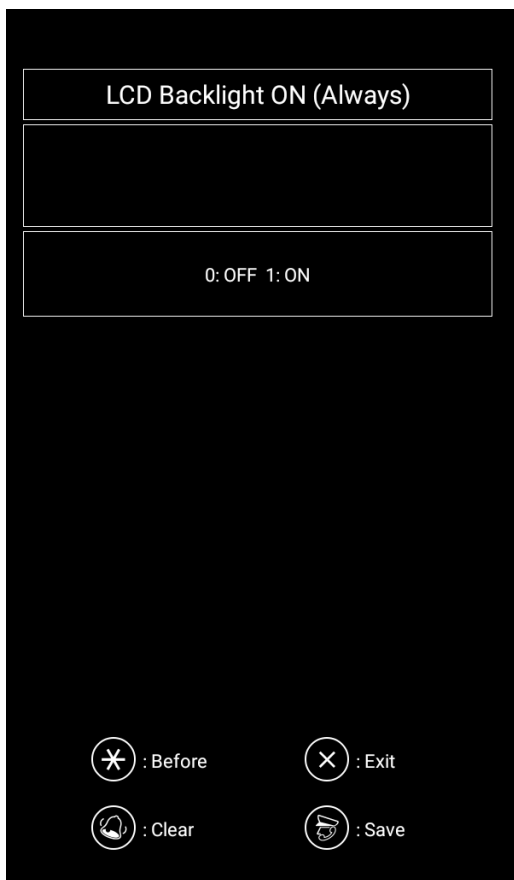
 : Clear

 : Save

Setting - Image & LED

■ LCD Back light constantly ON

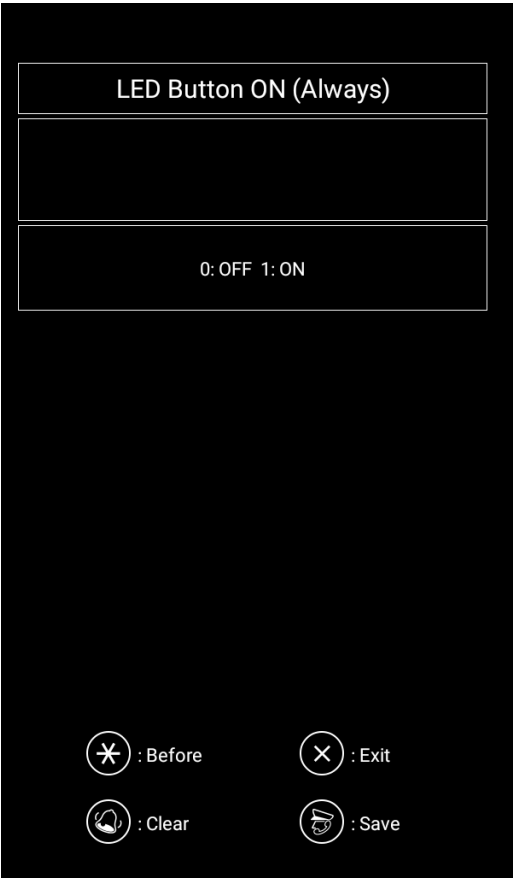
- Setting operation of LCD Back Light. (Using, Not using)
- The basic setting is "Not using".



Setting - Image & LED

■ Button LED constantly ON

- Setting operation of button LED. (Using, Not using)
- The basic setting is "Not using".



Setting - Image & LED

■ Button LED ON time (second)

- Setting the time of operation of button LED. (1~20 seconds)
- The basic time is set at 10 seconds.

LED Button On

1~20sec

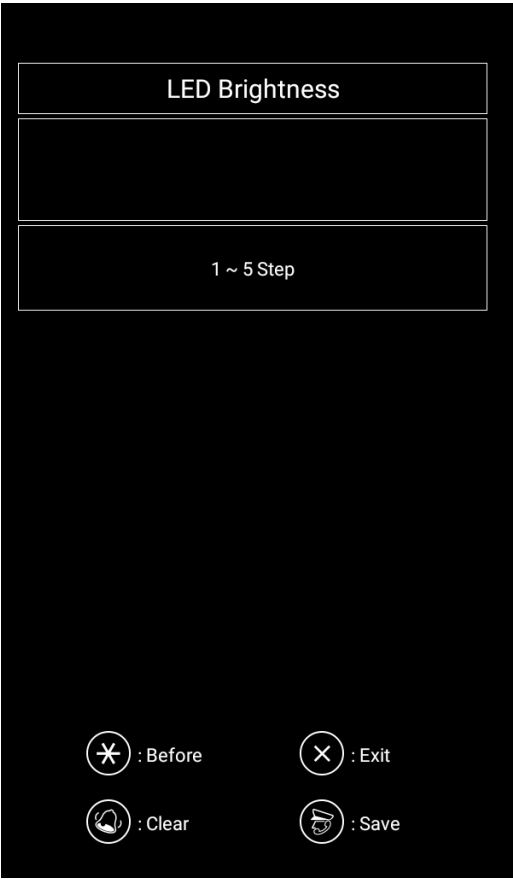
✱ : Before ✕ : Exit

✎ : Clear ✎ : Save

Setting - Image & LED

■ Brightness of White LED

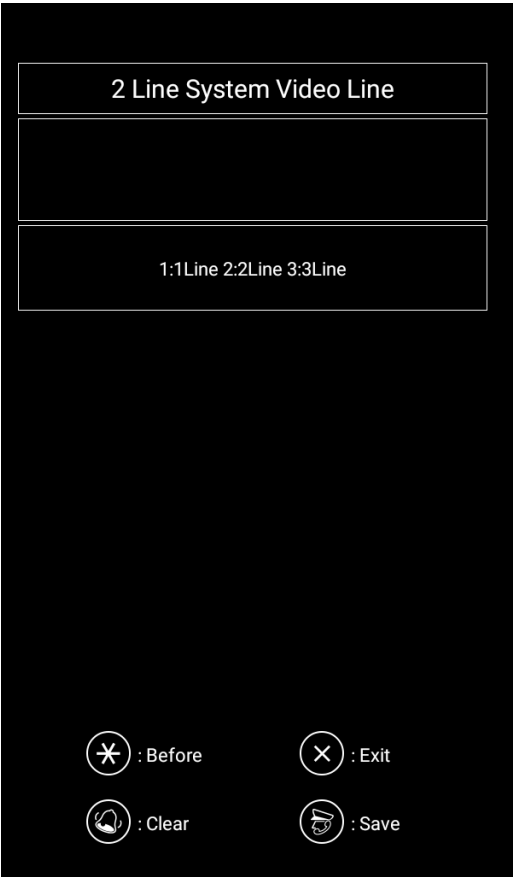
- Setting the brightness of White LED. (1 ~5)
- The basic brightness is set at "5".



Setting - Image & LED

■ 2-line Image Line

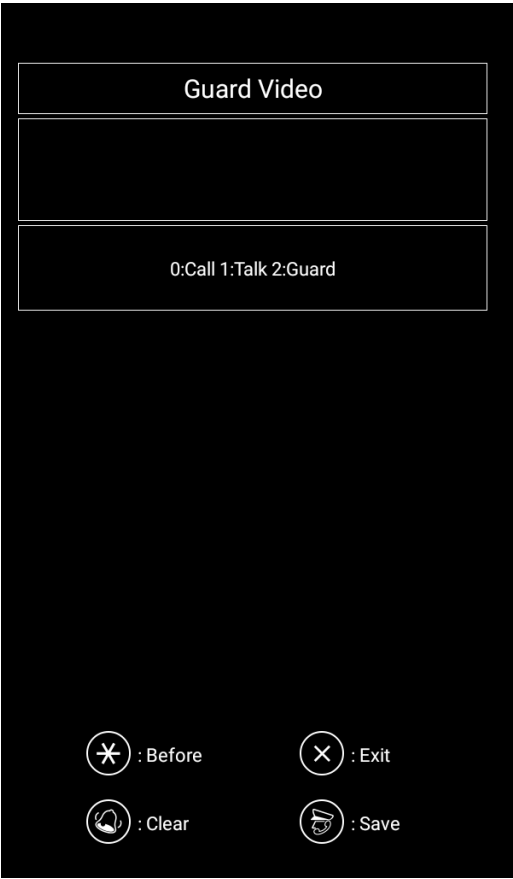
- Setting the connected image port when 2-line main device is linked.
- Saving the image port number (1~3) connected to 2-line main device.



Setting - Image & LED

■ Security Image

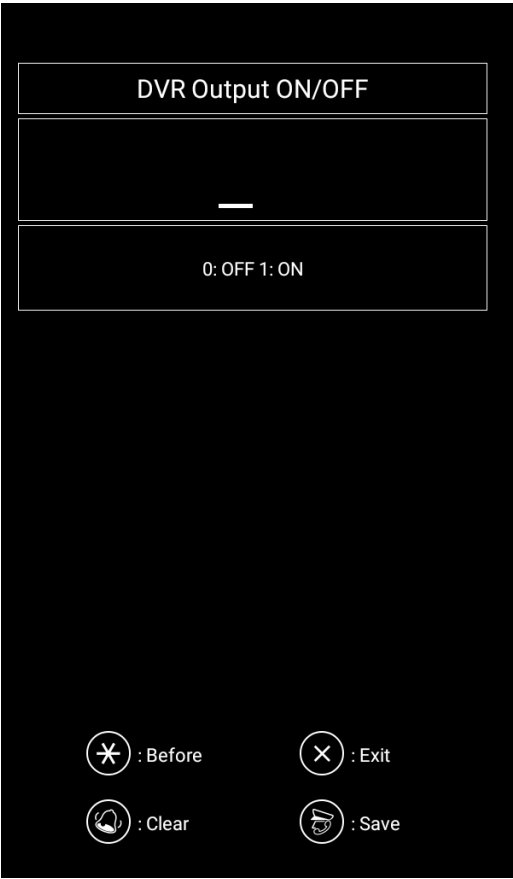
- Setting the time of transmission of image to the device in Security Office.
- Page : Transmitting image when Lobby pages Security.
- Call : Transmitting image when call with Security is connected.
- Security : Lobby Phone transmits image when the device in Security Office transmits the data of "Security Image ON".



Setting - Image & LED

■ Use of DVR output

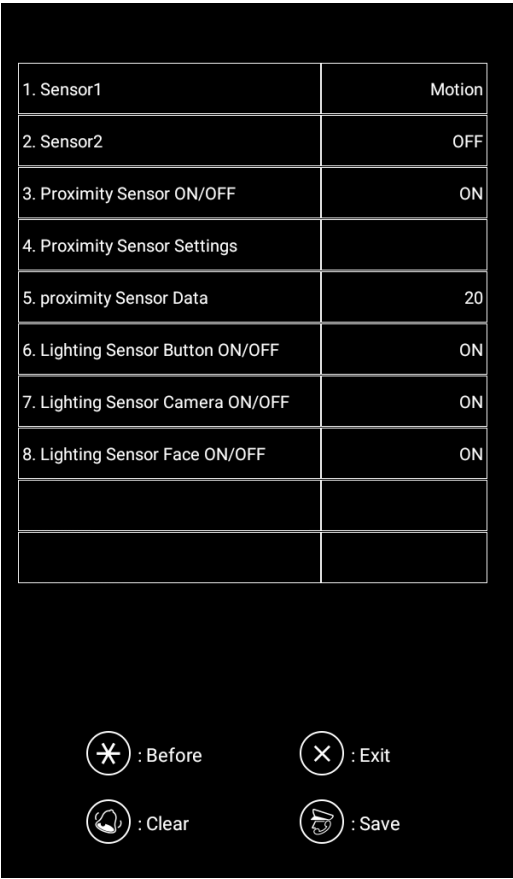
- Setting the use of DVR output
- The default is set at "Not using".
- If it is set at "Using", the Lobby Phone camera is ON constantly and the life of the product can be shortened.
Thus, it is recommended to set it at "Not using".



Setting - Sensor

■ Sensor


- The menu setting the sensor of the Lobby Phone.





Setting - Sensor


Sensor1

0: OFF 1: FIRE DETECTOR 2: MOTION 3: BLE

 : Before


 : Exit


 : Clear


 : Save


Sensor2

0: OFF 1: FIRE DETECTOR 2: MOTION

 : Before

 : Exit

 : Clear

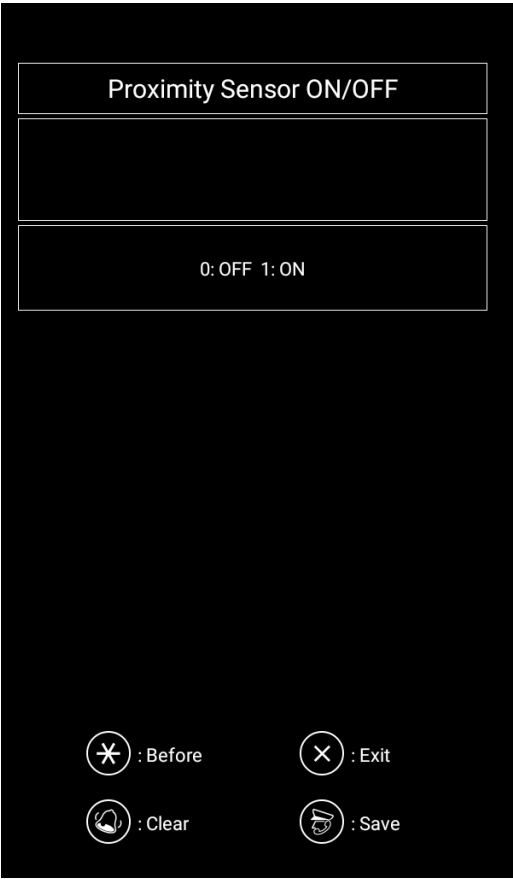
 : Save

- Set Sensor 1 (Not using, Fire, Moving Object, BLE).
- Set Sensor 2 (Not using, Fire, Moving Object).
- The default of Sensor 1 is set at "Moving Object".
- The default of Sensor 2 is set at "Not using".
- If "Moving Object" is set and the sensor operates, the door is open only for the time of Door Open.
- If "Fire" is set and the sensor operates, the door is open until the fire sensor is turned OFF.
- Sensor 1 : If BLE is set at Using in "Setting> 9.Link> 7.BLE >1. Use of BLE", the BLE operation is set automatically.
- Sensor 1 can be used for other purposes by setting BLE at Not using in "Setting> 9.Link> 7.BLE >1. Use of BLE".

Setting - Sensor

■ Use of Proximity Sensor

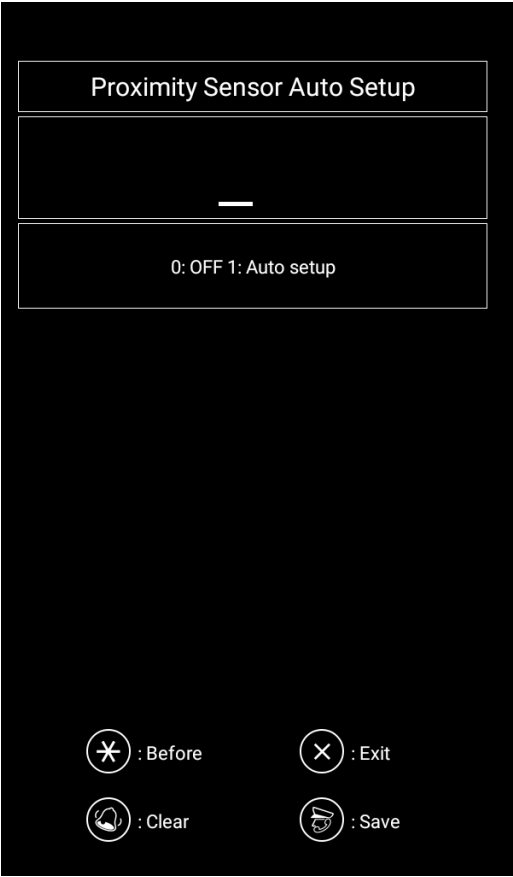
- Setting the use of Proximity Sensor. (Not using, Using)
- The default is set as "Using".



Setting – Sensor

■ Setting Proximity Sensor

- Setting automatic setting of Proximity Sensor (Not using, Automatic setting)
- After the proximity sensor begins to recognize an object, the tone sound rings in a certain interval when the object is within the range of measurement, and the tone sound stops when it is out of the range of measurement.
- There is a margin of error depending on the use environment.
- It is recommended to use it in straight–line distance with proximity sensor.
- Exposure to direct light may cause malfunction.
- It is recommended to set it within 150cm.




Setting - Sensor


■ Use of Illuminance Sensor for button


- Setting the use of button LED operation by illuminance sensor.
- Not using : 0
- Using : 12 ~255
- Default value : 138
- The more the value, the button LED is turned on in a condition without light.


Lighting Sensor Button ON/OFF

OFF : 0
RANGE OF USE : 12 ~ 255
DEFAULT : 138

 : Before

 : Exit

 : Clear

 : Save


Setting - Sensor


■ Use of Illuminance Sensor for camera


- Setting the use of White LED operation by illuminance sensor.
- Not using : 0
- using : 12 ~ 255
- Default value : 250
- The more the value, the White LED is turned on in a condition without light to help identification of human face.


Lighting Sensor Camera ON/OFF

OFF : 0
RANGE OF USE : 12 ~ 255
DEFAULT : 250

 : Before

 : Exit

 : Clear

 : Save


Setting - Sensor


■ Use of Illuminance Sensor for face


- Setting the use of White LED operation by illuminance sensor
- Not using : 0
- Using : 12 ~ 255
- Default value : 80
- The more the value, the White LED is turned on in a condition without light to help recognition of human face.


Lighting Sensor Face ON/OFF

OFF : 0
RANGE OF USE : 12 ~ 255
DEFAULT : 80

 : Before

 : Exit

 : Clear

 : Save


Setting - Door Open


■ Link


– Door Open


- Menu for setting Lobby Door Open

| | |
|---------------------------|--------|
| 1. RF Card ON/OFF | ON |
| 2. Unit Password ON/OFF | ON |
| 3. Common Password ON/OFF | ON |
| 4. Door Opening Time | 2(Sec) |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

 : Before

 : Exit

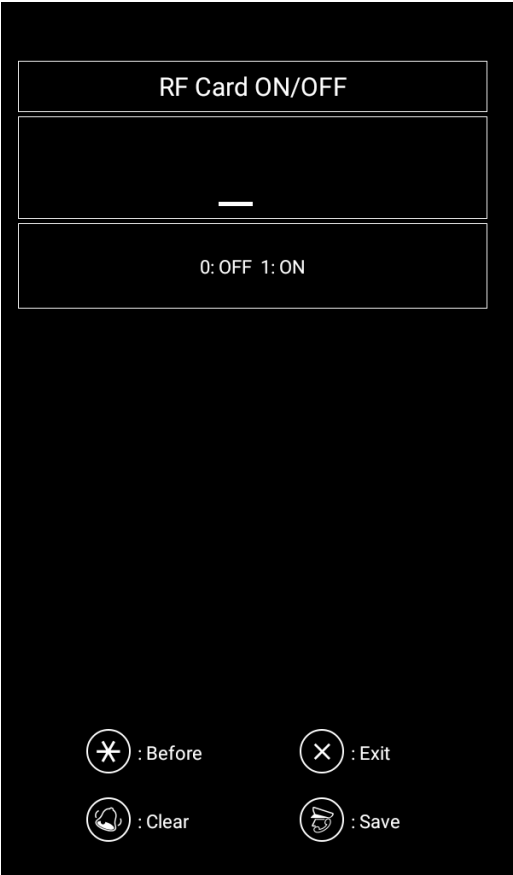
 : Clear

 : Save

Setting - Door Open

■ Use of RF Card

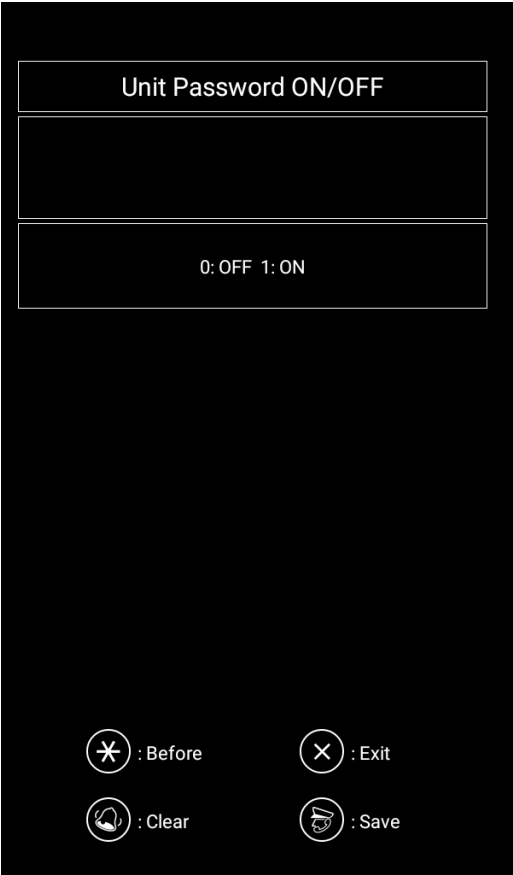
- Setting the use of Lobby Door Open with RF Card.



Setting - Door Open

■ Use of household password

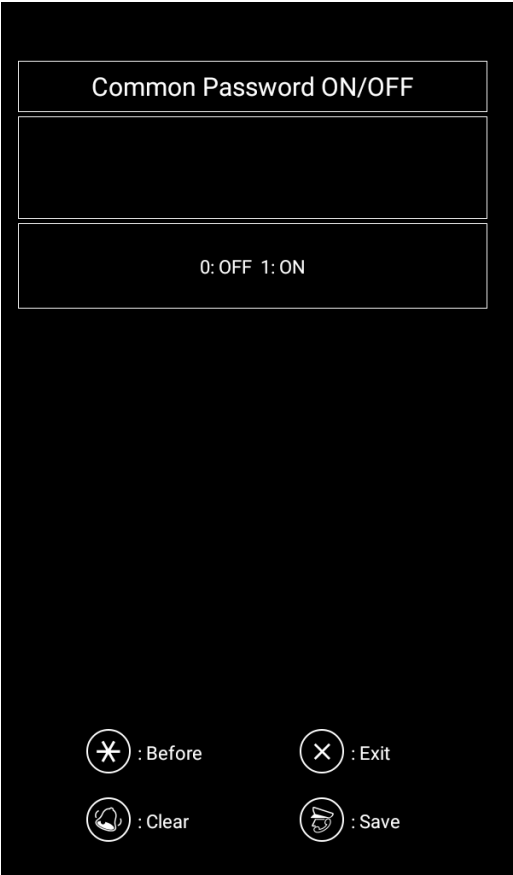
- Setting the use of Lobby Door Open with household password.



Setting - Door Open

■ Use of common use password

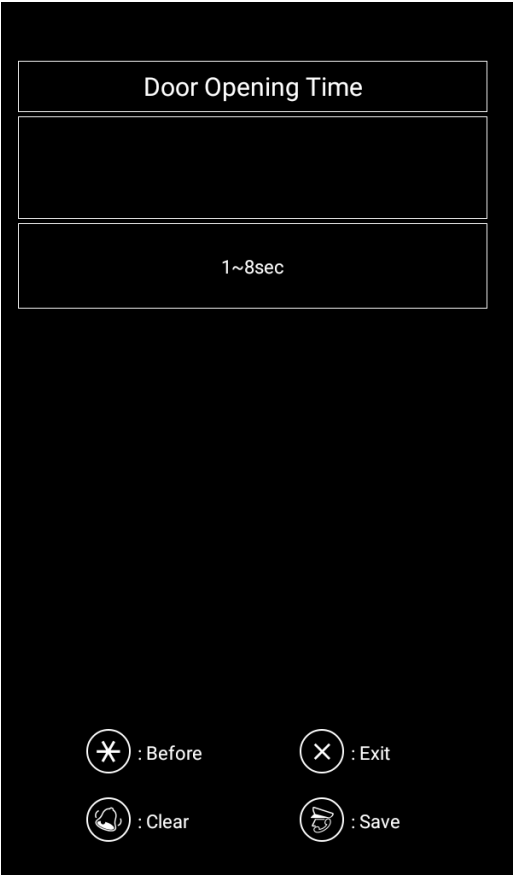
- Setting the use of Lobby Door Open with common use password.



Setting - Door Open

■ Door Open time

- Setting Door Open time. (1~8 seconds)
- Default is set at "2 seconds".
- Door Open time has no relation with the Automatic Door Open time set for automatic door.




Setting - Link


■ Link


- Management menu related to setting the system and various links.


■ Initialization

| | |
|---------------------------------|--------|
| 1. Reset | |
| 2. System | 8 Line |
| 3. Parking Control Lobby ON/OFF | OFF |
| 4. Courier Notification ON/OFF | OFF |
| 5. Elevator ON/OFF | OFF |
| 6. Direct Call ON/OFF | OFF |
| 7. BLE Settings | |
| 8. Copy EEPROM IC | |
| 9. Update | |
| 0. Line Test | |

 : Before

 : Exit

 : Clear

 : Save

1. Initialization

Menu for initialization of the setting value of Lobby Phone.

2. System

Setting the system of Lobby Phone.

3. Use of Parking Control Lobby

Menu for setting as Parking Control Lobby.

4. Use of parcel delivery notification

Setting the use of parcel delivery notification.

5. Use of Elevator

Setting the use of elevator.

6. Use of Speed Paging

Can page the #1 household directly by pressing the Page button instead of the household No.

7. BLE

Menu for use of Door Open function with smart phone App by activation of BLE function.

8. EEPROM IC Copying

The function for mutual copying of the set value by EEPROM and internal memory.

9. Update

Menu for updating the program of Lobby Phone.

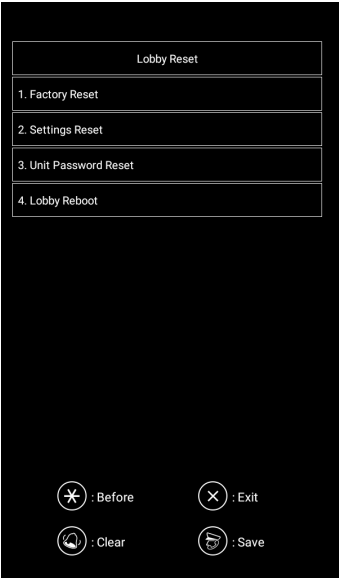
0. Line Examination

Menu for examination of the wiring of system connected to Lobby.

Setting - Link

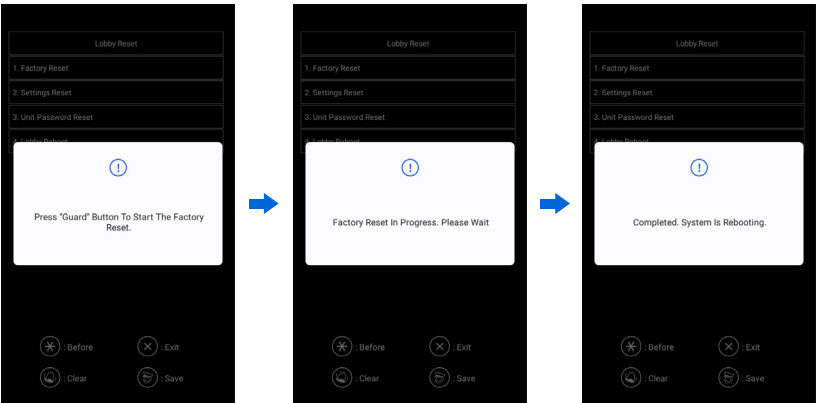
■ Initialization

- Menu for setting initialization



■ Initialization > Factory Initialization

- It is recommend not to use it as all data is deleted.
- Initializing all of device information, household password and RF data stored in Lobby Phone.
- However, face saving data is not initialized.
- Rebooting is done after completion of initialization.



Setting - Link

■ Initialization › Setup initialization

Lobby Reset

1. Factory Reset

2. Settings Reset

3. Unit Password Reset

4. Lobby Reboot

!

Press "Guard" Button To Start The Setting Reset .

⌘ : Before

✕ : Exit

↺ : Clear

↻ : Save

➡

Lobby Reset

1. Factory Reset

2. Settings Reset

3. Unit Password Reset

4. Lobby Reboot

!

Setting Reset In Progress. Please Wait

⌘ : Before

✕ : Exit

↺ : Clear

↻ : Save

Lobby Reset

1. Factory Reset

2. Settings Reset

3. Unit Password Reset

4. Lobby Reboot

!

Completed. System Is Rebooting.

⌘ : Before

✕ : Exit

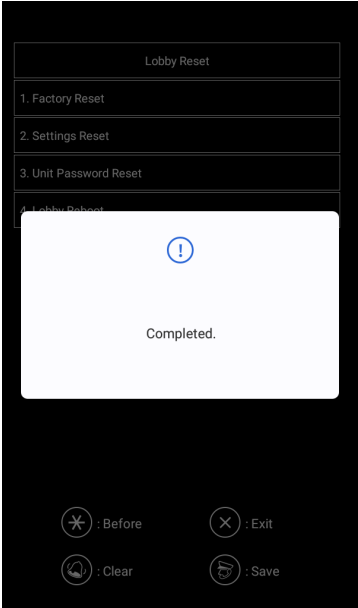
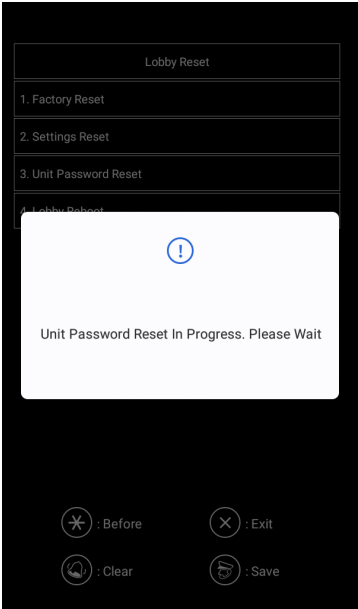
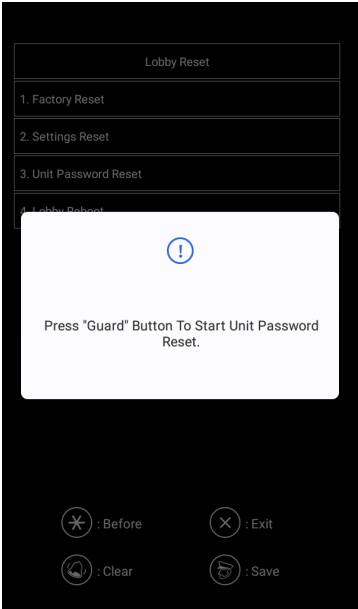
↺ : Clear

↻ : Save

- Initializing device information stored in Lobby Phone.
- Rebooting is done after completion of initialization.

Setting - Link

■ Initialization › Household password initialization

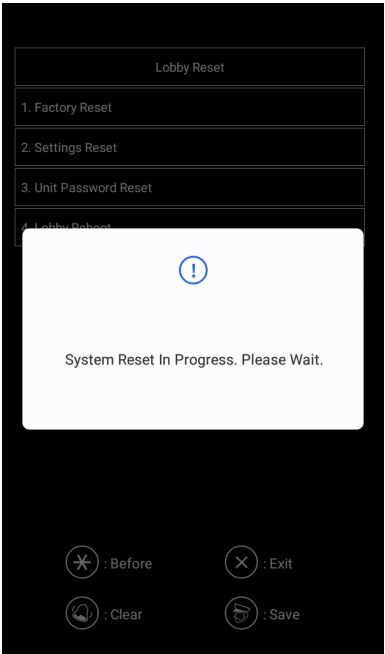
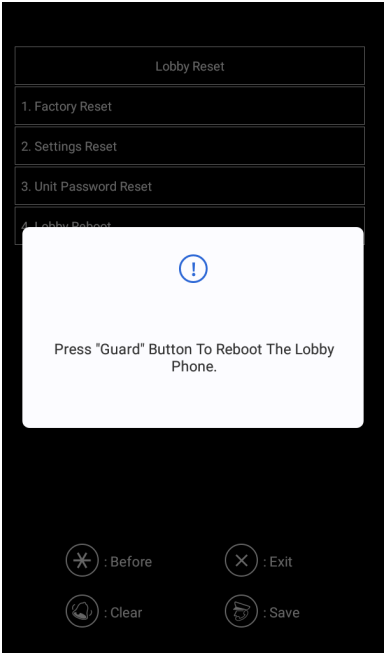


- Initializing household password data stored in Lobby Phone.

Setting - Link

■ Initialization > Lobby Phone Reset

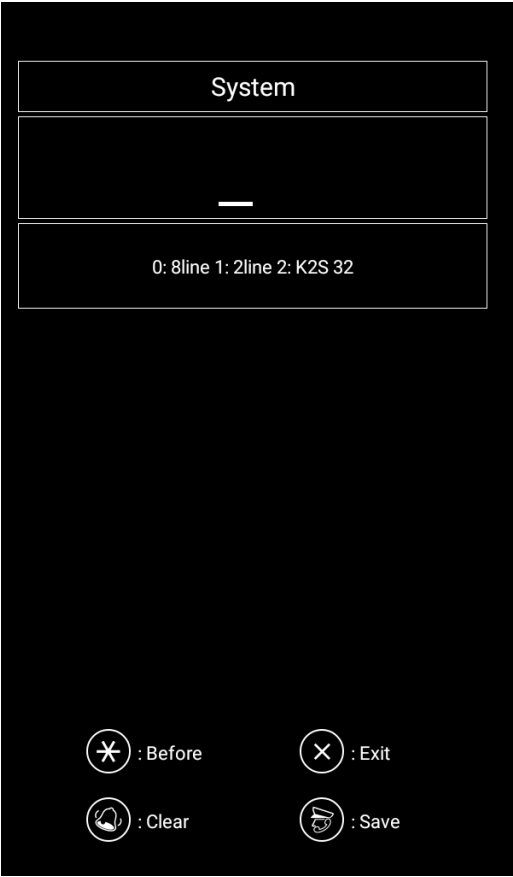
- Used for reset of Lobby Phone.



Setting - Link

■ System

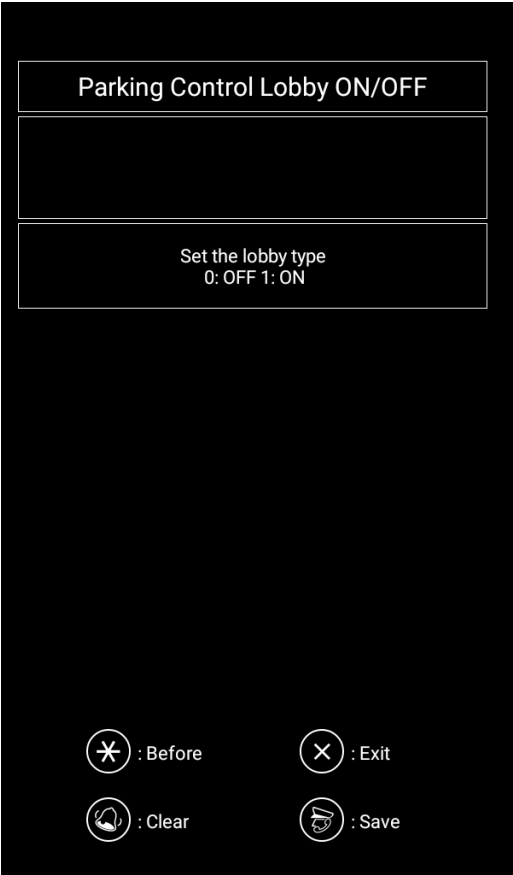
- Setting the link system
- Set at "2 lines" when linking 2–line main device and set at "8 lines" for other links.



Setting - Link

■ Use of Parking Control Lobby

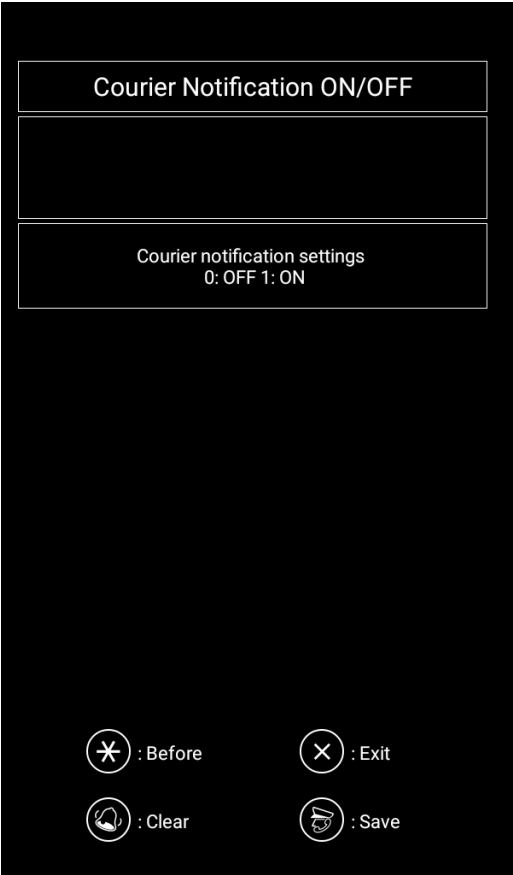
- Setting the use of Parking Control Lobby.
- Reboot for change of setting.



Setting - Link

■ Use of parcel delivery notification

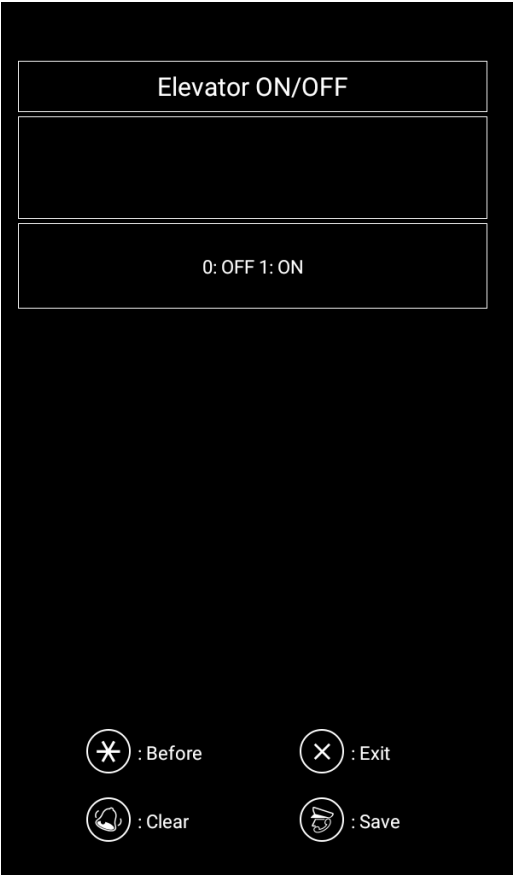
- Setting the use of parcel delivery notification.
- Can be used only if the main device with a device in Security Office is linked.



Setting - Link

■ Use of Elevator

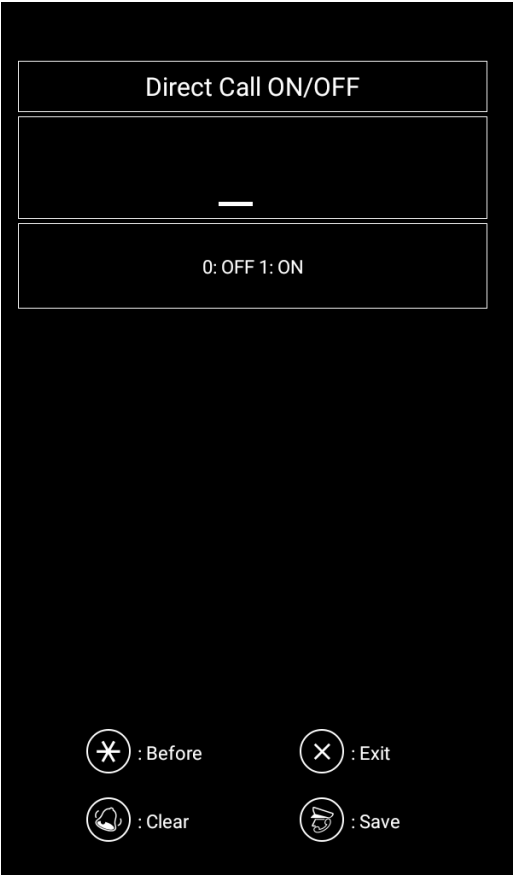
- Menu for choice of the use of the function to call the elevator to the floor with Lobby Phone being linked to K6B Elevator Call System.



Setting - Link

■ Use of Speed Paging

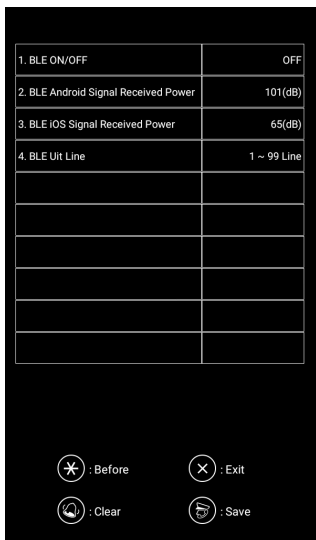
- Setting the use of Speed Paging
- If Speed Paging is used, press "Page" button to page the household of "Registered Building No.+1".



Setting - Link

■ BLE

- Menu for using the function of Door Open with a smartphone App by activating BLE function.
- To use BLE function, BLE link external sensor (separately sold product) must be linked to Sensor1.



1. Use of BLE

Selecting use of BLE.

※ If BLE is selected for 'Using'. "Setting > 7.Sensor > 1.Sensor1" is automatically changed to BLE.

2. BLE A Reception Sensitivity

Saving the reception sensitivity of Android phone.

Range: 0~99

Default: 70

3. BLE I Reception Sensitivity

Saving the reception sensitivity of i-Phone.

Range: 0~99

Default: 65

4. BLE Household Line

Menu for selection of household line

■ BLE operation

- Password Checking

Check if the door opens after entering the relevant household No. and password at the Lobby Phone.

* If it is a wrong password, check the password in the video phone.

* Register the confirmed password in the App.

- Range of Operation

Can operate only in an ordinary Lobby and is not linked with a Parking Control Lobby.

- Manual Mode

Press "Door Open" button of the smart phone App in front of the relevant Lobby to open the Lobby door. (within about 5m from the front of Lobby Phone)

- Auto Mode

If BLE Door Open packet is received, "Security LED" blinks once.

If Door Open packet continues to be received, it blinks in a cycle of about 5 seconds.

If Sensor1 (external sensor) is detected within 10 seconds, the Lobby Door opens.

- Smart Phone App

Search for "KOCOM Smart IoT Link Door Open" App in the Store and install it.

* Android phone: OS 7.0 or over

* i-Phone: OS 13.0 or over

Setting - Link

■ BLE › BLE Household Line

- Enter a 4-digit number of Household Start Line and Household End Line.
- Ex) "01 ~ 04" : The BLE Module of the relevant Lobby comes to have the information of 1 ~ 4 lines."

BLE Unit Line

Enter unit line to call between numbers from 1 To 99

✳ : Before

✕ : Exit

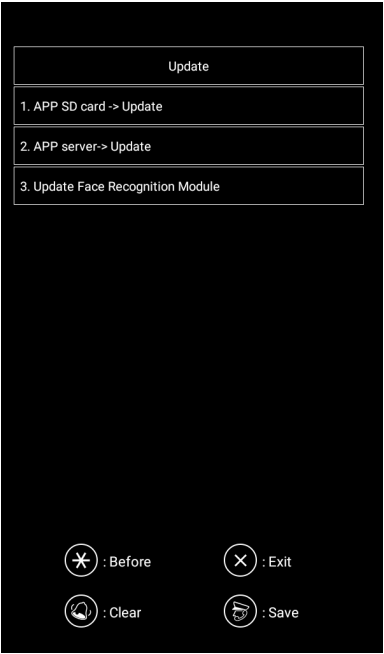
🗑 : Clear

💾 : Save

Setting - Link

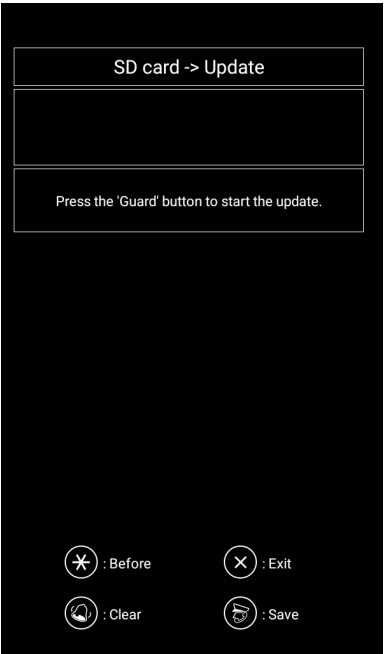
■ Update

- Menu for Lobby and Face Recognition module update



■ Update > SD Card Update

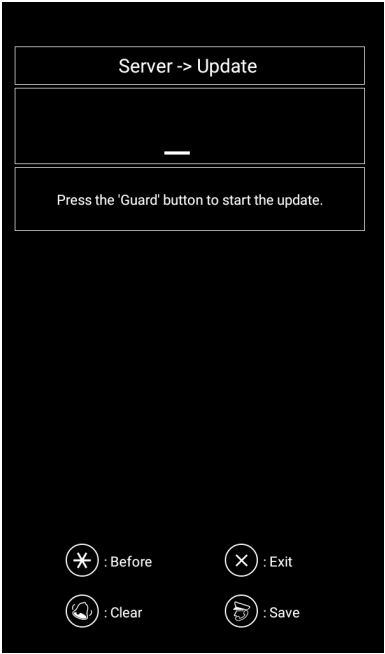
- Can update the program with SD Card.



Setting - Link

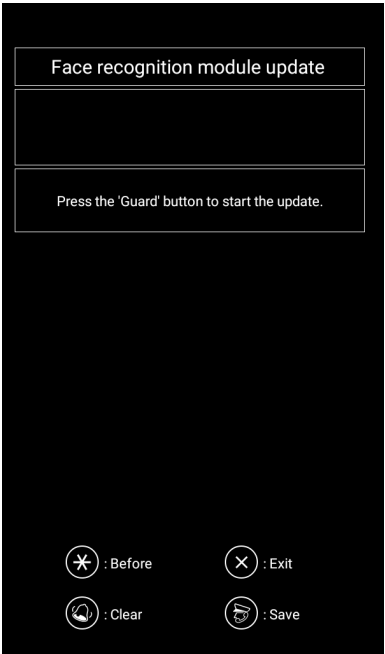
■ Update › Server Update

- Can connect the server and update. (planned)



■ Update › Face Recognition Module Update

- Can update Face Recognition module with SD Card.





Setting - Link


■ Line Examination


- This function operates in a K6B multi-unit house link product.

| | |
|---------------------|------|
| 1. The First Unit | 0000 |
| 2. The Last Unit | 0000 |
| 3. Start Test | |
| 4. View The Results | |
| | |
| | |
| | |
| | |
| | |
| | |

 : Before

 : Exit

 : Clear

 : Save





■ Line Examination> Start household


- Start Household.
(Enter a 4-digit household No.)
- Ex) 0101 => 01 Floor 01 Line


The First Unit

Enter The 4 Digits of First Unit Number.

 : Before

 : Exit

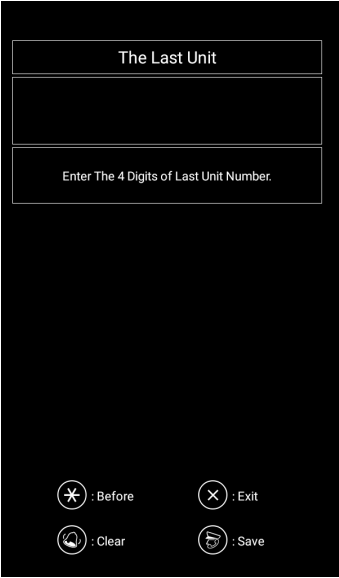
 : Clear

 : Save

Setting - Link

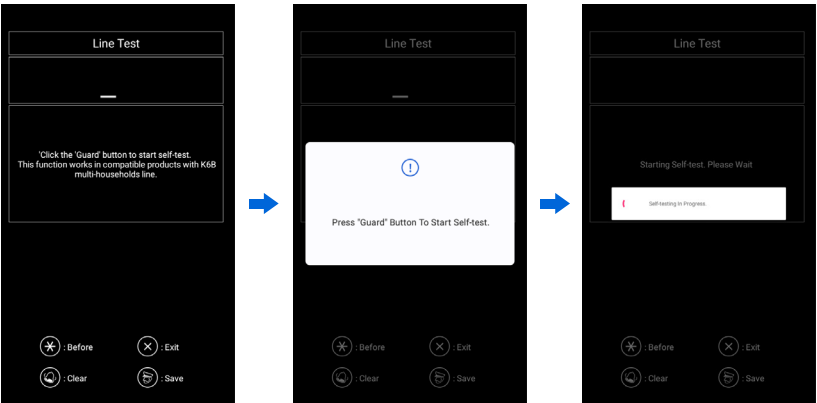
■ Line Examination> End Household

- End Household (Enter a 4-digit household No.)
- Ex) 0101 => 01 Floor 01 Line



■ Line Examination> Examination Start

- Press "Security" button to start examination.
- Displaying the result after completion of examination.



Setting - Easy View


■ Entering and Setting Easy View

- Press "*" + "#" buttons in the Idle Screen at the same time to see Easy View menu.
- Can check the setting information and the program version in 9 pages in total.
- Can see the operation manual with QR Code.
- Can change the screen with "*" + "#" button.





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| | |
|---------------------------------------|--------------------------------|
| 1. Face Recognition | ON |
| 2. Face Recognition Distance | 2 Step |
| 3. Resolution | 360P |
| 4. Face Recognition Mode | Individual |
| 5. Indication Types of Face Detection | Round Face Recognition Mark |
| 6. Number Of Registered Faces | 0 |
| 7. Face Registration Password | Unit Number |
| | |
| | |
| | |



QR CODE
Installer Manual
Please refer to it
when installing

 : Before

 : Next

 : Exit

Setting - Easy View

Easy View

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| | |
|---------------------------------------|-----------------------------|
| 1. Face Recognition | ON |
| 2. Face Recognition Distance | 2 Step |
| 3. Resolution | 360P |
| 4. Face Recognition Mode | Individual |
| 5. Indication Types of Face Detection | Round Face Recognition Mark |
| 6. Number Of Registered Faces | 0 |
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| | |
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|---------------------------|-----------------|
| 1. Block Number | 101 |
| 2. Lobby Number | 1 |
| 3. Guard Number | 10 |
| 4. Group Video | 1 |
| 5. RF Card ON/OFF | ON |
| 6. Unit Password ON/OFF | ON |
| 7. Common Password ON/OFF | OFF |
| 8. Door Open Time ON/OFF | 2(sec) |
| 9. RF Server ON/OFF | OFF |
| 0. RF Card Data | Internal Memory |



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| | |
|---|--------|
| 1. Unit Speaker Volume | Medium |
| 2. Unit Signal Receive Power | Low |
| 3. Unit Mic Volume | 4 |
| 4. Guard Speaker Volume | Medium |
| 5. Guard Signal Receive Power | High |
| 6. Guard Mic Volume | 4 |
| 7. Announcement Volume | 3 |
| 8. Button Volume | 3 |
| 9. Number Volume | 3 |
| 0. Password Incorrect. Calling Security | ON |



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|------------------------------|--------|
| 1. LCD backlight ON (Always) | OFF |
| 2. LED button ON (Always) | ON |
| 3. LED button On | 10 |
| 4. LED brightness | 5 |
| 5. 2 Line system video line | 1 Line |
| 6. Guard video | Call |
| 7. DVR output ON/OFF | OFF |
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|----------------------------------|--------|
| 1. Sensor1 | MOTION |
| 2. Sensor2 | OFF |
| 3. Proximity Sensor ON/OFF | ON |
| 4. Proximity Sensor Settings | |
| 5. Proximity Sensor Data | 20 |
| 6. Lighting Sensor Button ON/OFF | ON |
| 7. Lighting Sensor Camera ON/OFF | ON |
| 8. Lighting Sensor Face ON/OFF | ON |
| | |
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|--------------------------------------|-------------|
| 1. System | 8 Line |
| 2. Parking Control Lobby ON/OFF | OFF |
| 3. Courier Notification ON/OFF | ON |
| 4. Elevator ON/OFF | OFF |
| 5. Direct Call ON/OFF | OFF |
| 6. BLE ON/OFF | OFF |
| 7. BLE Android Signal Received Power | 112(dB) |
| 8. BLE iOS Signal Received Power | 65(dB) |
| 9. BLE Unit Line | 1 ~ 99 line |
| | |



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| | |
|--------------------------------------|------------------------------|
| 1. Network ON/OFF | ON |
| 2. Town Network Configuration Method | Basic network configuration. |
| 3. IP Address | 10.101.254.1 |
| 4. Subnet Mask | 255.255.0.0 |
| 5. Default Gateway | 10.101.0.254 |
| 6. Town Server Address | 10.254.254.1 |
| 7. SIP Server Address | 10.254.254.1 |
| 8. RF Server Address | 0.0.0.0 |
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|----------------|-------------------|
| 1. APP Version | 700.002.10 |
| 2. OS Version | 20200821 |
| 3. FW Version | 07.03 |
| 4. BLE Version | 40.34 |
| 5. RF Version | 10.01 |
| 6. M10 Version | V3.3.4 |
| 7. MAC Address | 00-15-31-18-02-4E |
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Setting - User Face Registration

■ User Face Registration

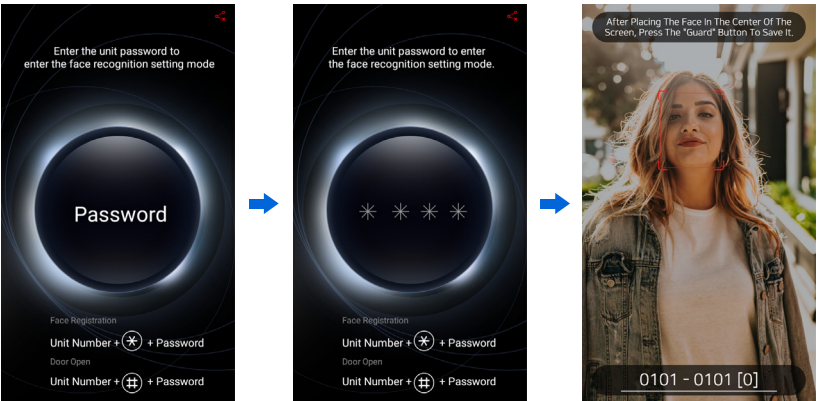
– Entering setting

- Press "Household No." + "*" in Idle Screen.



■ Using household password

- Press a 4–digit household password to move to the screen for Face Registration.



Setting - User Face Registration

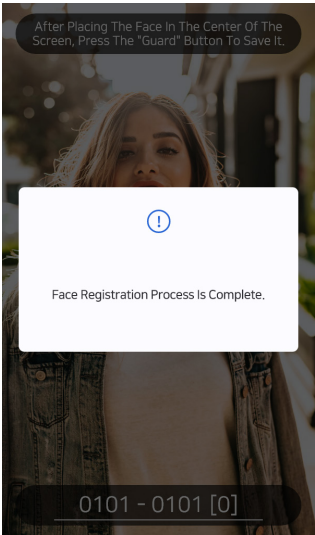
■ Use RF Card

- Touch the RF Card registered in the relevant household to move to the screen for Face Registration.

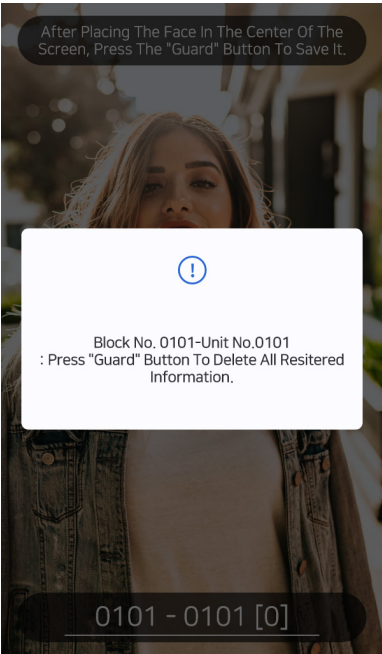


■ Face Registration

- Displaying the number of faces registered in the household as "[0]".
- Position the fact at the center of the screen and press "Security" to save.



Setting – User Face Registration



■ Face Deletion

- Press "Page" button and the pop-up window for guidance for deletion appears.
- Press "Security" button to delete all the information registered in the household No.



<http://www.kocom.com>
E-mail : global@kocom.co.kr

※ This manual is based on the date as shown in the right and specifications are subject to change without notice for quality improvement.