User Manual

Lobby Camera Phone DRC-703LC/RF1

How to use
- Press the household number at the lobby, check the number on the display, and then press the
- If you input a wrong number, press the
- Program button is
- If you want to call the guard room, press and then the

CARD

www.commax.com

COMMAX Co.,Ltd.

Table of Contents

Geetings

* Thank you for purchasing a COMMAX product
* This product is a high-end Main Entrance Interphone that supports Electronic Number Key (Password) and RF Card Keys features. Please read this manual thoroughly before installation.

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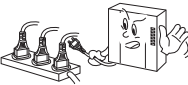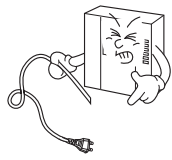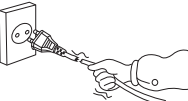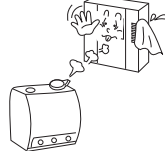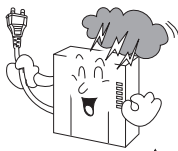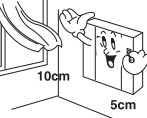
1. Safety Warning & Caution

Please follow the things described below in order to prevent any danger or property damage.

⚠ Warning	It may cause a serious damage or injury if violated.	🚫	Prohibition.
		🔧🚫	No disassembly
		✋🚫	No touch
⚠ Caution	It may cause a minor damage or injury if violated.	❗	Must follow strictly.
		🔌	Shows plugging out the power cord without an exception
		⚡	Shows the warning and caution for an electric shock.
		🔥	Shows the warning and caution for a fire.

⚠ Warning

Power & Installation

Please don't use several products at the same time on one power socket.
· It may cause a fire due to an abnormal overheating.

Prohibition   Fire

Please don't bend the power cable excessively or it may cause an electric shock.
· fire when using a damaged power cable.

Prohibition Electric shock Fire

Please don't handle the power cable with a wet hand.
· It may cause an electric shock.

Prohibition   Fire

Please plug out the power cable from the socket when not using it for a long period of time.
· It may shorten the product lifespan or cause a fire.

Request   Fire

Please don't install the product in the place where there is much oil, smoke or humidity.
· It may cause an electric shock or fire.

Prohibition Electric shock Fire

Please don't install the product with the lightening and thunder.
· It may cause an electric shock or fire.

Prohibition Electric shock Fire

Please don't use and connect this product with other products with different rated voltage
· It may cause a disorder or fire.

Prohibition   Fire

When installing the product that generates heat, please install the product away from the wall (10cm) for the ventilation.
· It may cause a fire due to the increased internal temperature.

10cm
5cm

Prohibition   Fire

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⚠ Warning

Cleaning & Use

Please don't disassemble, repair or rebuild this product arbitrarily (please contact the service center if a repair is needed.
· It may cause an electric shock or fire.

No disassembly

Electric shock   Fire   Unplug

If an abnormal sound, burning smell or smoke is coming out of the product, please plug out the power cable and contact a service center.
· It may cause an electric shock or fire.

Electric shock   Fire

Please don't insert any metallic or burnable materials into the ventilation hole.
· It may cause an electric shock or fire.

Prohibition   Electric shock   Fire

Please use only the designated batteries for the products of using DC power.
· It may cause an electric shock or fire.

Request

⚠ Caution

Power & Installation

Please plug the power cable firmly into the inner end
· It may cause a fire.
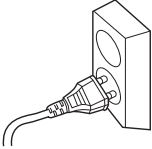
Request   Fire

Please hold the plug tightly when unplugging the power cable (a part of the copper wire may be disconnected if the grabbing is only made on the cord when pulling out the cable).
· It may cause an electric shock or fire

Request   Electric shock   Fire

When connecting the power cables after cutting the cable, please install the product with power off
· It may cause an electric shock or fire

Request   Electric shock   Fire

When installing the product, please fix it firmly while using the wall-mounting unit and screws.
· It may cause an injury from the falling object.
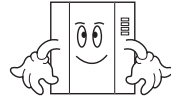
Request

Please be careful when using an AC circuit breaker since there is a possibility of an electric shock.
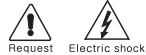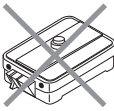
Request   Electric shock

Please check the use voltage and current for the DC-only products and use the appropriate rectifier.
· It may cause a fire.

Request   Fire

Please avoid direct rays of the sun or heating devices at a time of installation.
· It may cause a fire.

Request   Overheating   Fire

Please don't install the product on an unstable place or small support board.
· It may cause an injury if it falls down while in use.

Request

Cleaning & Use

When cleaning the product, please rub it with a soft and dry cloth after plugging out the power cable. (Please don't use any chemical products such as wax, benzene, alcohol or cleanser.)

Prohibition

Please don't drop the product on the ground and don't apply a shock .
· It may cause a failure.
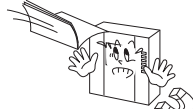
Prohibition

Please use the designated connection cable within the maximum calling distance designated for the product
· It may reduce the product performance.

Request

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2. Before Use

* Wiring Lobby phone and Security Station Phone :
  1) For 481 System (Coaxial Cable): Common 8 wires that are 3 channels + 1 channel with "Balance Type".
  2) For Gateview System (UTP Cable): Common 4 wires with 1 channel.

* Wiring Lobby phone and Household unit monitor:
  1) For 481 System (Coaxial Cable): Common 4 wires that include audio and video via coaxial cable.
  2) Gateview System (UTP Cable): Common 8 wires (Common 6 wires + Video 2 wires) that include audio and video via UTP cable and the video shall be connected by "in/out" method.

* Any short-circuits and/or disconnection may cause product damage. Please check the wires before installation.
* It is recommended to install one each of Lobby phone, Security Station phone, and Household unit monitor to check the functionality before initiating overall products installations.
* RF Card Keys may be registered up to 2,048 keys (if not connected to computer)
* Failing Management Password, Building Password, and Unit Password more than 3 times will cause an automatic notice to Security Station. Attempts to initiate an entrance with unregistered RF Card Key will cause an automatic notice to Security Station as well.

[WARNING]
When power is initially turned on, please be sure that none of the buttons are pressed.

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3. Part names and Features

3-1. Part names
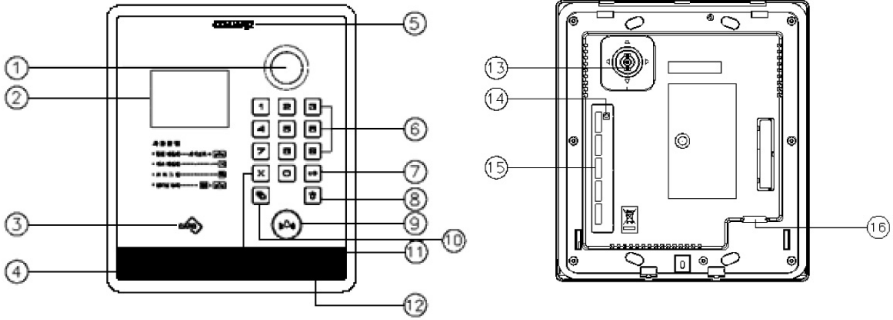
Number	Content	Number	Content
1	Camera	9	Call Button - calling households and also used for program setting
2	3.5" LCD Display	10	Program Button - used for program mode settings
3	RF-ID Card Receiver	11	Cancel Button - to cancel a process or function being progressed
4	Microphone	12	Speaker
5	Lighting - Black & White : IR LED - Color : White LED	13	Camera Angle Adjustment
6	Number Key Button	14	Reset Switch - to reset building management password
7	Electronic Key Button - for an access by password	15	Wiring Connection Terminal
8	Security Paging Button - to page security station when interphone installed at the security center	16	Door Release Terminal

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3-2. Essentials

● Initial LCD Display (when power on)

● RF Receiver ③(Optional)
For an access by RF Card, when RF Card is brought nearby the LCD display shows a message, "Open Lobby", with an icon and the door is open.
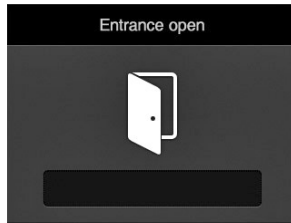
● Call Button ⑨ (E : Enter)
To call a household unit

● Program Button ⑩ (P : Porgram)
To access the program

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● Electronic Key Button ⑦ (K : Key)
  For an access to the entrance by password.
  (Only if the access by password is enabled)

● Security Paging Button ⑧ (G : Guard)
  To call a security station when an interphone
  is installed at the security center.

● Cancel Button ⑪ (X : Cancel)
  To cancel a process or function being
  progressed.

● Reset Button ⑭
  To reset the password for security center or managing office.

  If the Building Password (4-2) or Management Password (4-1) is
  lost, press the "Reset Button (⑭) located on the back of the product
  to reset the Password (Passwords will be set as factory default
  settings). Press the button for 3 seconds with power on.

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1) keep pressing the button ,reset will be in progress.
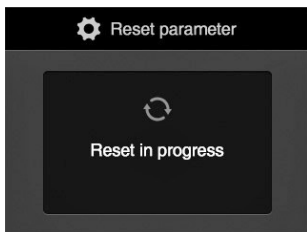
2) Default setting is completed, you can see the message as below.
   Then, you can release the switch.
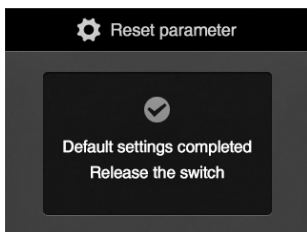
● Program Button ⑩
   If you press the program button for 5 sec in standby, Program version & default of
   DRC-703LC will be presented.
   If you press the program button or guard button, page will move on to next page.
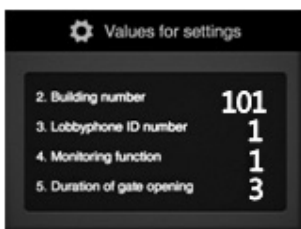
● Please read below instructions before use
   1) If you hear "beep beep beep…" during any program modes, please restart from
      the beginning. The beep sounds for improper process.
   2) If password is forgotten,
      2-1. Password for any household :
      Use the identifying household password function (6-1) to confirm the password
      (to confirm password user shall request to the Management office or Security
      center).

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2-2. Password for any building:

 Reset the password by using Management password

2-3. Password for Management

 Press "Reset Button".

 The password will be reset to factory default.

3) Deleting All RF Card Keys function in "8-5" shall ONLY be used when the product is initially installed.

4. Various Password Types

4-1. Password for the Management Office ("Management Password")

 A password for the Manager

 Factory default for the Manager Password is 4321.

4-2. Password for any buildings ("Building Password")

 A common password for a corresponding building.

 Factory default for the Building Password is 1234.

4-3. Password for any household units ("Unit Password")

 A password for each household unit can be set.

 Factory default for the Unit Password is 1234.

<Reference>

*"P": Program Button   * "K": Electronic Key Button   * "E": Call Button

* Previous Password
  Default password for Management Password is   4321
  Building Password is   1234
  Unit Password is   1234

* New Password
  The password newly set.

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5. How to input Password

5-1. Press management Password
- P – old Password – E – 0 – E – New Password – E
- Password must be 4 digits.
- "0000", "1234", "4321" can't be used as Password

① Press Program Button(P)

② Enter previous Management Password
(factor default password 4,3,2,1)

③ Call Button(E)

④ Enter Program Number(0)

⑤ Call Button(E)

⑥ Enter New Password ex)1470

⑦ Call Button(E) ➡ Setting is completed.
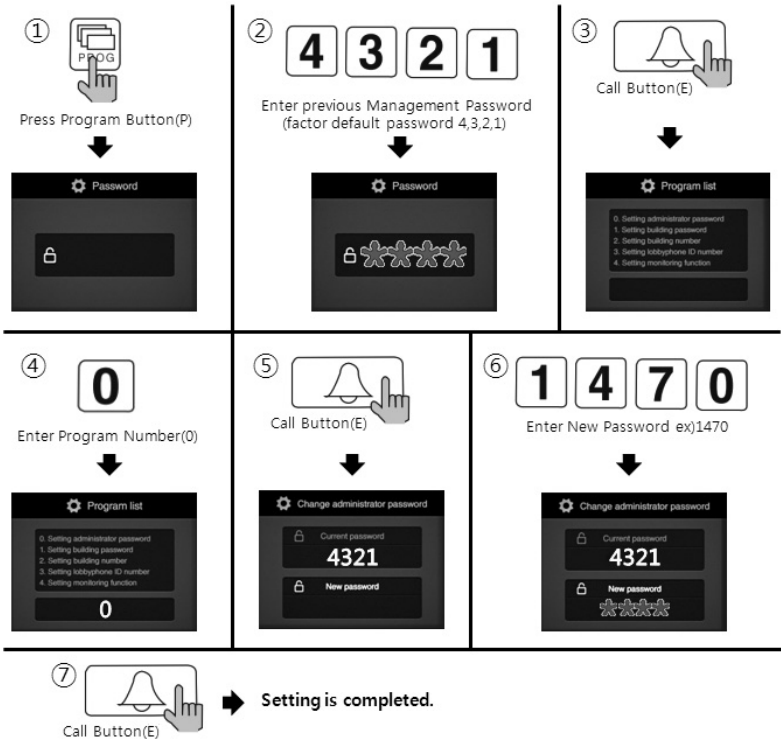
① Press program button (P).
② Press old management default Password (4,3,2,1).
③ Press call button (E).
④ Press "0"
⑤ Press call button (E).
⑥ Press new Password.
⑦ Press call button (E).
⑧ Management Password has been changed.

<Caution>
Please do not keep the factory default password. New password setting after the installation is strongly recommended.

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5-2. Press building Password

- P - old Password - E - 1 - E - New Password - E
- Password must be 4 digits.
- "0000", "1234", "4321" can't be used as Password

① Press Program Button(P)

② Enter Management Password

③ Call Button(E)

④ Enter Program Number(1)

⑤ Call Button(E)

⑥ Enter New Building Password ex)2580

⑦ Call Button(E) → Setting is completed.
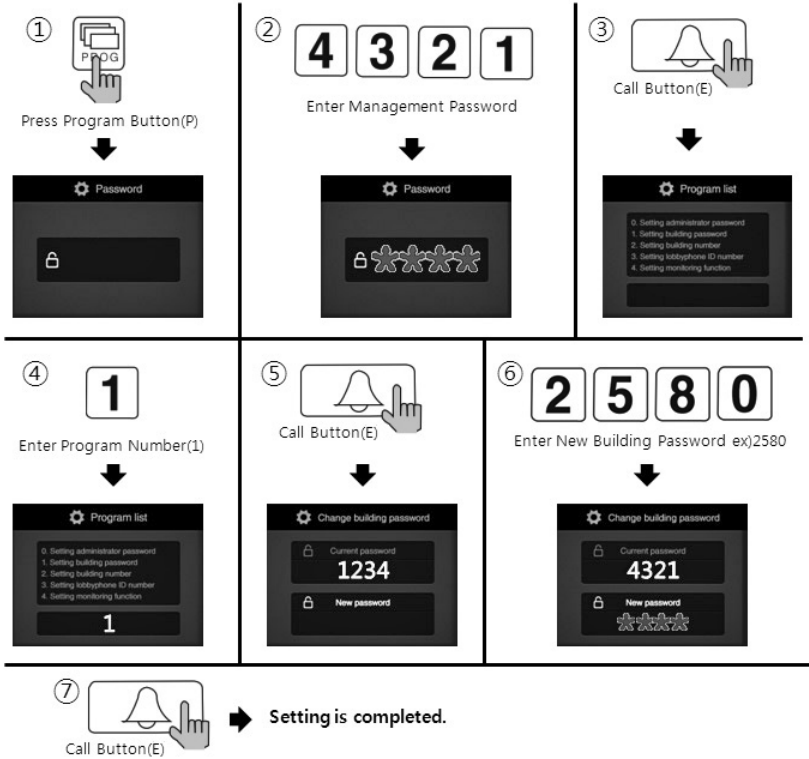
① Press program button (P).
② Press old building default Password (4,3,2,1).
③ Press call button (E).
④ Press "1"
⑤ Press call button (E).
⑥ Press new Password.
⑦ Press call button (E).
⑧ Building Password has been changed.

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5-3. Press house (Unit) Password

• K - 20 - E- house Number - E- old Password - E - New Password - E
• Password must be 4 digits.
• ˝0000˝, "1234", "4321" can't be used as Password
• Unit Password no. may not be changed because of Interphone types.
  (Some model of Interphone can change Password in house. Please, check manual of interphone)
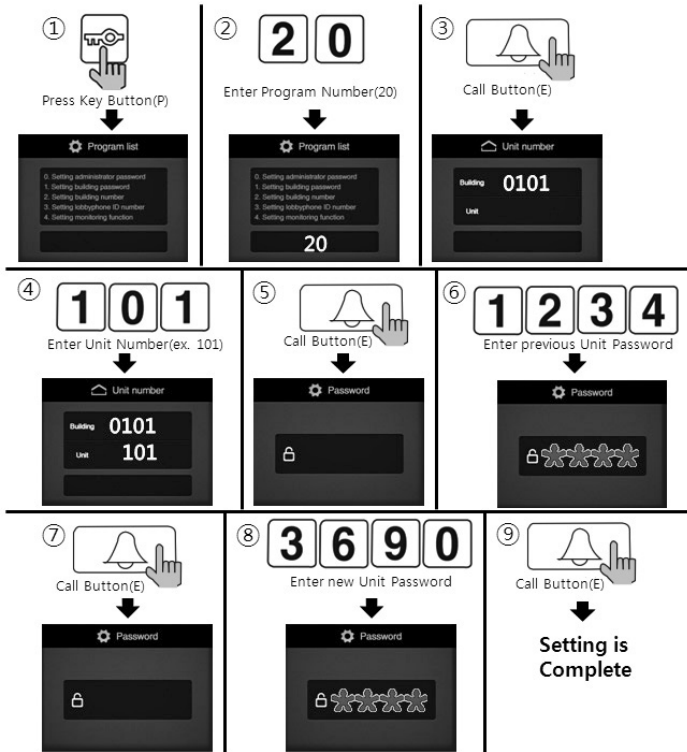
① Press program button (K)
② Press "20"
③ Press call button (E).
④ Press house Number
⑤ Press call button (E).
⑥ Press old house Password (4,3,2,1).
⑦ Press call button (E).
⑧ Press new house Password.
⑨ Press call button (E).
⑩ House Password has been changed.

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6. Check house Password

6-1. Check house Password
• P - management Password - E - 16 - E - Household Unit Number E

① Press Program Button(P)

② Enter Management Password

③ Call Button(E)

④ Enter Program Number(16)

⑤ Call Button(E)

⑥ Enter household unit number ex)101
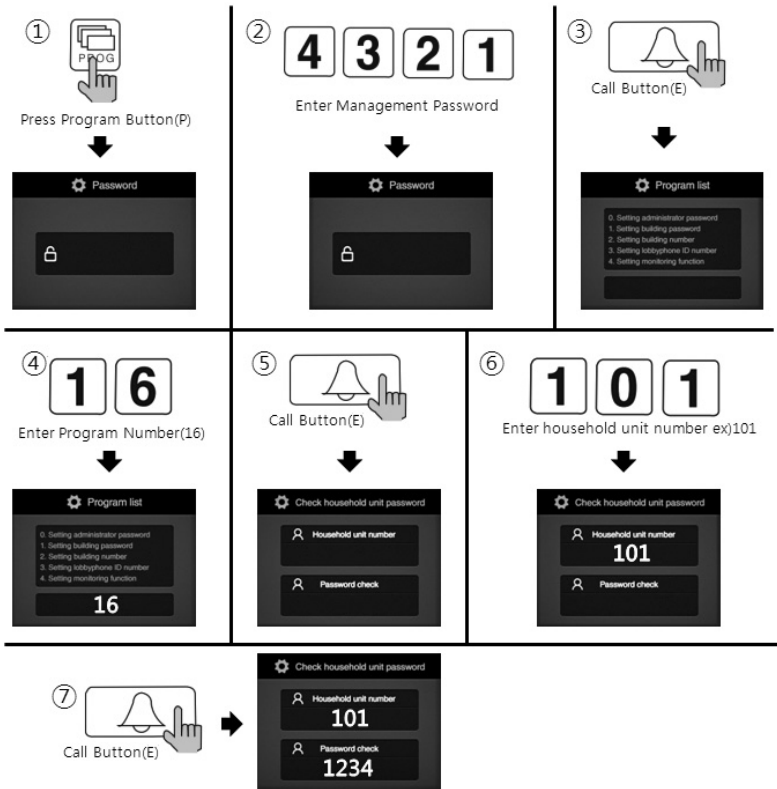
⑦ Call Button(E)

① Press program button (P).
② Press management Password.
③ Press call button (E).
④ Press "16"
⑤ Press call button (E).
⑥ Press new ID Number
⑦ Press call button (E).
⑧ Press call button (E).

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7. Set building Number and ID to Lobby panel

- This setting is mandatory because building Number and ID automatically are set up when lobby panel call house and security guard.
- Max. 99 lobby panel can be installed for one building.

7-1. Set building Number in Lobby panel interphone.
- P - Management Password - E - 2 - E - Building Number - E

① Press Program Button(P)
Password

② Enter Management Password
Password

③ Call Button(E)
Program list
0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

④ Enter Program Number(2)
Program list
0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function
2

⑤ Call Button(E)
Change building number
Current building number
1234
New building number

⑥ Enter New Building Number ex)101
Change building number
Current building number
1234
New building number
101

⑦ Call Button(E)　➡ Setting is completed.

① Press program button (P).
② Press management Password.
③ Press call button (E).
④ Press "2"
⑤ Press call button (E).
⑥ Press new building Number
⑦ Press call button (E).
⑧ Building Number has been changed.

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7-2. Set ID no. in Lobby Panel

• P - Management Password - E - 3 - E - ID - E

① Press Program Button(P)

② Enter Management Password

③ Call Button(E)

④ Enter Program Number(3)

⑤ Call Button(E)

⑥ Enter New Lobby Number ex) 2

⑦ Call Button(E)   Setting is completed.
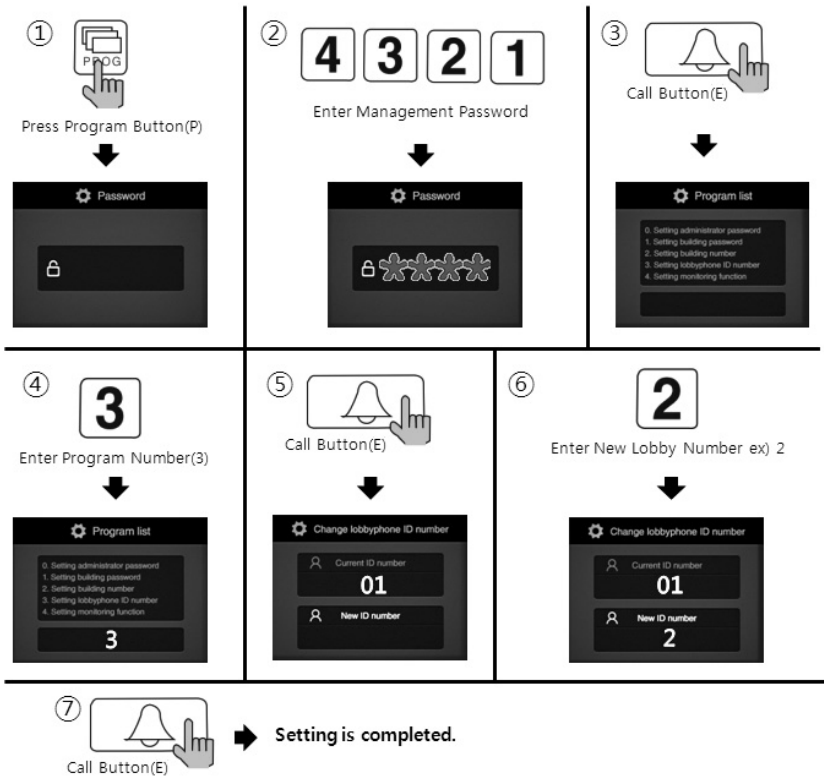
① Press program button (P).
② Press management Password.
③ Press call button (E).
④ Press "3"
⑤ Press call button (E).
⑥ Press new ID Number
⑦ Press call button (E).
⑧ ID Number has been changed.

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8. RF card key appliances

8-1 RF card key test way
- P- Management Password - E - 9 - E - Card Test - X(Cancel)
- This function is only for the test of wireless card key

① Press Program Button(P)

Password

② Enter Management Password

Password

③ Call Button(E)

Program list
0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

④ Enter Program Number(9)

Program list
0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function
9

⑤ Call Button(E)

RF card test mode
Place the RF card on registration window

⑥ Place the card key here

If the identification number is 3579.

RF card test mode
Place the RF card on registration window
3579

If you want to test other cards, Place it nearby the RF receiver.

⑦ Press Cancel Button "X" to finish

① Press down the (P) button
② Press Management Passwords
③ Press Call Button "E".
④ Press number "9"
⑤ Press Call Button "E"
⑥ The card registration number will be on LCD when the card key is close to the RF/ID receiver.
⑦ Press down the (X) button for finish after test.

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8-2. RF card key input way

• P- Management Password - E - 10 - E - Place card close to the RF/ID receiver - X(cancel)

① Press Program Button(P)

Password

② Enter Management Password

4 3 2 1

Password

③ Call Button(E)

Program list

0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

④ Enter Program Number(10)

1 0

Program list

0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

10

⑤ Call Button(E)

Register RF card

Place the RF card on registration window

0000

⑥ Place the card key here

Register RF card

Place the RF card on registration window

0001

– Newly Registered Card :
  number of registered card increases
– Already registered Card :
  the number of registered card
  does not change.

If you want to register other cards, Place it nearby the RF receiver consecutively.

⑦ **X** ➡ Press Cancel Button "X" to finish

<References>
Up to 2048 cards can be registered(if not to connect with SecuMAX)

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8-3. RF card key separate deletion way

• P - Management Password - E - 12 - E - Delete cards - X(Cancel)
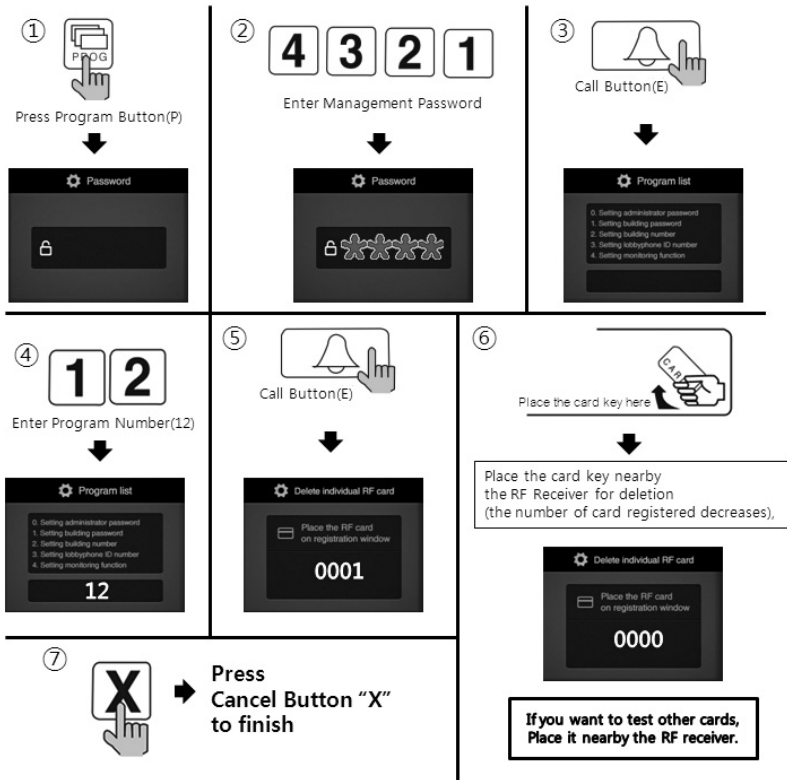
① Press Program Button "P"
② Press Management Password
③ Press Call Button "E"
④ Press number "12"
⑤ Press Call Button "E"
⑥ Place the card key close to the RF/ID receiver.
⑦ Press down the "X" to finish when separate deletion is completed

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8-4. RF card key separate deletion way

• P- Management Password – E- 12 – E - Identification number - E – X(Cancel)
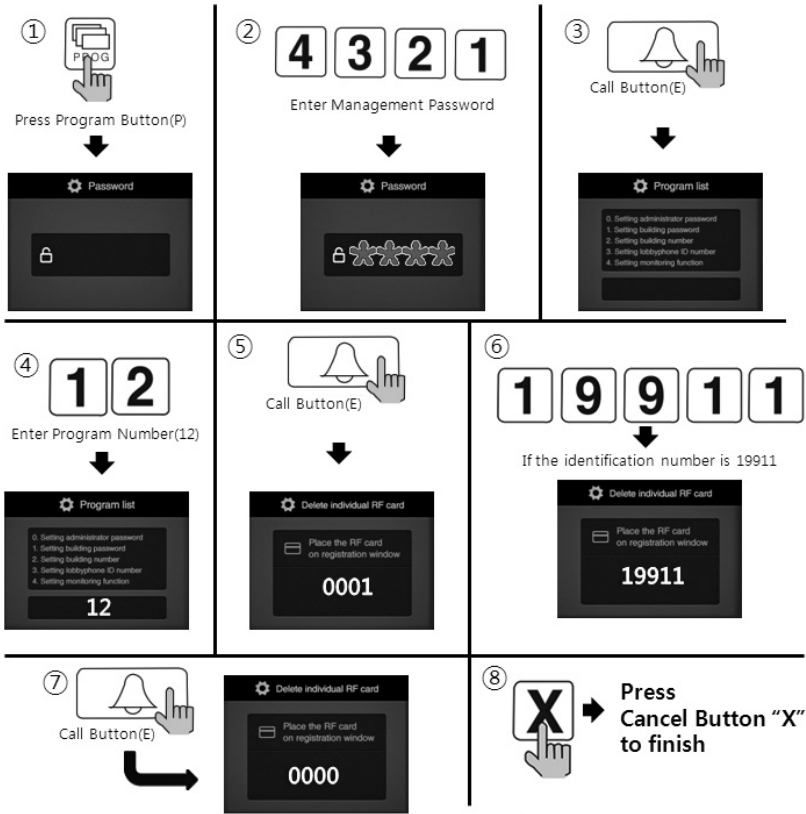
① Press Program Button "P"
② Press Management Password
③ Press Call Button "E"
④ Press number "12"
⑤ Press Call Button "E"
⑥ Input the identification number you want to delete.
⑦ Press Call Button "E"
⑧ Press down the "X" to finish when separate deletion is completed

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8-5. RF card key registration check way

• P- Management password – E- 13 – E – Check the cards – X(Cancel)
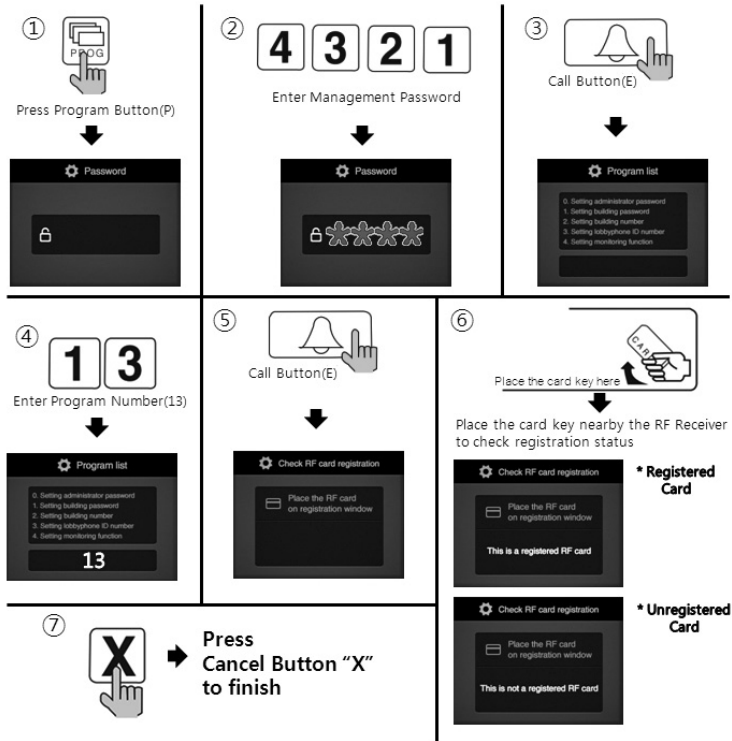
① Press Program Button "P"
② Press Management Password
③ Press Call Button "E"
④ Press number "13"
⑤ Press Call Button "E"
⑥ Place the card key close to the RF/ID receiver
⑦ Press down X button to finish when check is completed

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8-6. RF card key all delete way

- P- Management password – E – 11 – E – E
- All deletion way is only useful when initially set up, unless all registered cards are to be deleted.

① Press Program Button(P)	② Enter Management Password	③ Call Button(E)
☼ Password 🔒	☼ Password 🔒✱✱✱✱	☼ Program list 0. Setting administrator password 1. Setting building password 2. Setting building number 3. Setting lobbyphone ID number 4. Setting monitoring function

④ Enter Program Number(11)	⑤ Call Button(E)	⑥ Call Button(E) Initializing All RF Card Key registrations
☼ Program list 0. Setting administrator password 1. Setting building password 2. Setting building number 3. Setting lobbyphone ID number 4. Setting monitoring function **11**	☼ Delete All RF card 🗑 Press 'Bell' button to delete	☼ Delete All RF card 🗑 All RF card list is deleted

① Press down "P" button
② Press Management Password
③ Press down "E" button
④ Press number "11"
⑤ Press Call Button "E"
⑥ Press Call Button "E" one more
⑦ Press down X button if to cancel.

> <References>
> All numbers can be deleted only if the mode "1" in the program number(23) is selected & executed the all delete process within 30 seconds.

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8-7. RF card key capacity change way

• P- Management password – E – 19 – E – 0 – E : Up to 2048 RF Cards can be registered
• P- Management password – E – 19 – E – 1 – E : Unlimited RF Cards can be registered
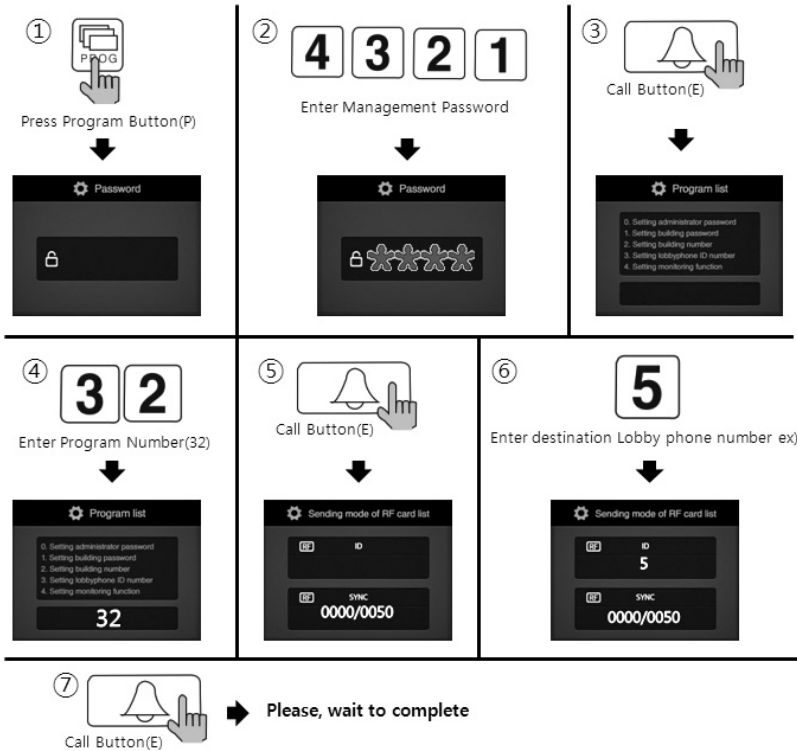
① Press down "P" button
② Press Management Password
③ Press down "E" button
④ Press number "19"
⑤ Press Call Button "E"
⑥ Select mode between numbers "0" and "1".
   (0 : Up to 2048 RF Card Keys can be registered)
   (1 : Unlimited RF Card Keys can be registered along with SecuMAX)
⑦ Press Call Button "E"

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8-8. RF card key data transmission

- P – Management Passwords – E – 32 – E – Press Dest lobby phone number – E

① Press Program Button (P)

Press Program Button(P)

Password

② Enter Management Password

Enter Management Password

Password

③ Call Button(E)

Call Button(E)

Program list
0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

④ Enter Program Number(33)

Enter Program Number(33)

Program list
0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

33

⑤ Call Button(E)

Call Button(E)

Receiving mode of RF card list

RF ID

RF SYNC

⑥ Enter source Lobby phone number ex) 5

Enter source Lobby phone number ex) 5

Receiving mode of RF card list

RF ID
101-9905

RF SYNC

⑦ Call Button(E)

➡ Please, wait to complete

① Press Program Button "P"
② Press Management password
③ Press Call Button "E"
④ Press number "32"
⑤ Press Call Button "E"
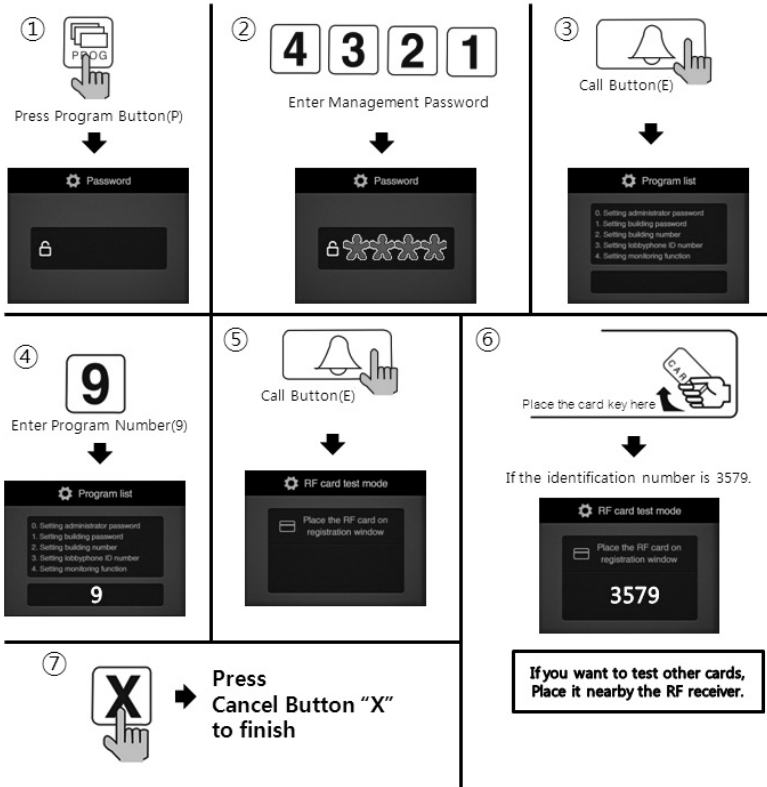⑥ Press number "source lobby phone number"
⑦ Press Call Button "E"

<References>
- Data can be received only if the mode "99" in the program number(23) is selected & executed the process within 30 seconds.
- You cannot use any other function before it completes(It takes about 5 minutes). If you want to complete more quickly, use the download program.

COMMAX

9. How to set the direct Call number

- P – Management Password – E – 4 – E – Household number – E
- This function is to set the direct call number

① Press Program Button(P)

Press Program Button(P)

🔒 Password

② Enter Management Password

4 **3** **2** **1**

🔒 Password

③ Call Button(E)

🔒 Program list

0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

④ Enter Program Number(4)

4

🔒 Program list

0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

4

⑤ Call Button(E)

🔒 Setting monitoring function

Monitoring function not in use

Enabled : 1   Disabled : 0

⑥ Select mode between the numbers "0" and "1"

0 ➡ Monitoring fuinction is disabled

1 ➡ Monitoring fuinction is enabled

⑦ Call Button(E)

➡ Setting is completed.

① Press Program Button "P".
② Press Management Passwords.
③ Press Call Button "E".
④ Press number "4" (Program Number).
⑤ Press Call Button "E".
⑥ Enter the Household number
⑦ Press Call Button "E".
   - If you want to set other direct Call number, Press the extension panel button you want to set.
⑧ Press down the (X) Button for finish after setting.

COMMAX

10. Door release by internal information forwarding to SecuMAX way

- P – Management password – E – 22 – E – 0 – E : Forwarding to SecuMAX disabled
- P – Management password – E – 22 – E – 1 – E : Forwarding to SecuMAX enabled
- This function is to set the door release by internal sensor information forwarding to SecuMAX.

① Press Program Button(P)

Password

② Enter Management Password

Password

③ Call Button(E)

Program list
0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

④ Enter Program Number(22)

Program list
0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function
22

⑤ Call Button(E)

Report of inner sensor for gate opening
SecuMAX not in use
Enabled : 1   Disabled : 0

⑥ Select mode between the numbers "0" and "1"

0 → Log information forwarding to SecuMAX disabled

1 → Log information forwarding to SecuMAX enabled

⑦ Call Button(E) → Setting is completed.

① Press Program Button "P"
② Press Management Passwords
③ Press Call Button "E" for call
④ Press number "22"
⑤ Press Call Button "E"
⑥ Select the mode
   (0 : Forwarding to SecuMAX disabled)
   (1 : Forwarding to SecuMAX enabled)
⑦ Press Call Button "E"

COMMAX

11. Door opening hours setting

- P - Management Passwords - E - 5 - E - Opening hours - E
- This function is to control the common entrance door opening hours
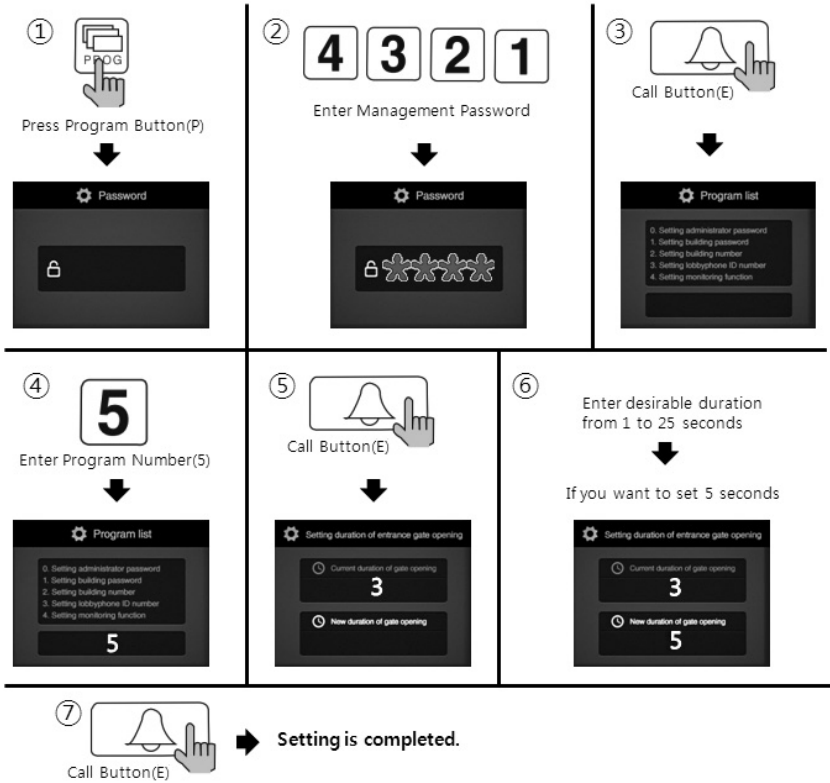
① Press Program Button "P"
② Press Management Passwords
③ Press Call Button "E"
④ Press number "5"
⑤ Press Call Button "E"
⑥ Select door opening hours(Opening hours is in the middle of 1~25 seconds)
⑦ Press down any number for setting of door opening hours between 0~25 seconds
⑧ Press Call Button "E"(Changed opening hours is input)

COMMAX

12. Line-by-line call function Setting

- P - Management password - E - 21 - E - 0 - E : available for entire house call
- P - Management password - E - 21 - E - Line number - E : call only specified line
  ex) In case 1 line ~ 2 line, input "0102"
- This function is only for specified line call, not for entire house call

① Press Program Button "P"

② Press Management Passwords

③ Press Call Button "E"

④ Press number "21" for call line-by-line

⑤ Press Call Button "E"

⑥ Select the line for call
   ex) If to call only from 1 line to 3 line, Press "0103"

⑦ Press Call Button "E"(Changed setting would be input)

COMMAX

13. Automatic calling function of guard station configuration

- P – Management password – E – 27 – E – 0 – E : Automatic call mode
- P – Management password – E – 27 – E – 1 – E : Emergency call mode
- This function is to set the automatic calling to the security station when the failure of Password occurs more than 3 times.

① Press Program Button(P)

Password

② Enter Management Password

Password

③ Call Button(E)

Program list
0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

④ Enter Program Number(27)

Program list
0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function
27

⑤ Call Button(E)

Emergency alert for wrong password
Automatic paging of guard station setting
Emergency call : 1   Auto call : 0

⑥ Select mode between the numbers "0" and "1"

0 → Automatic call to security station

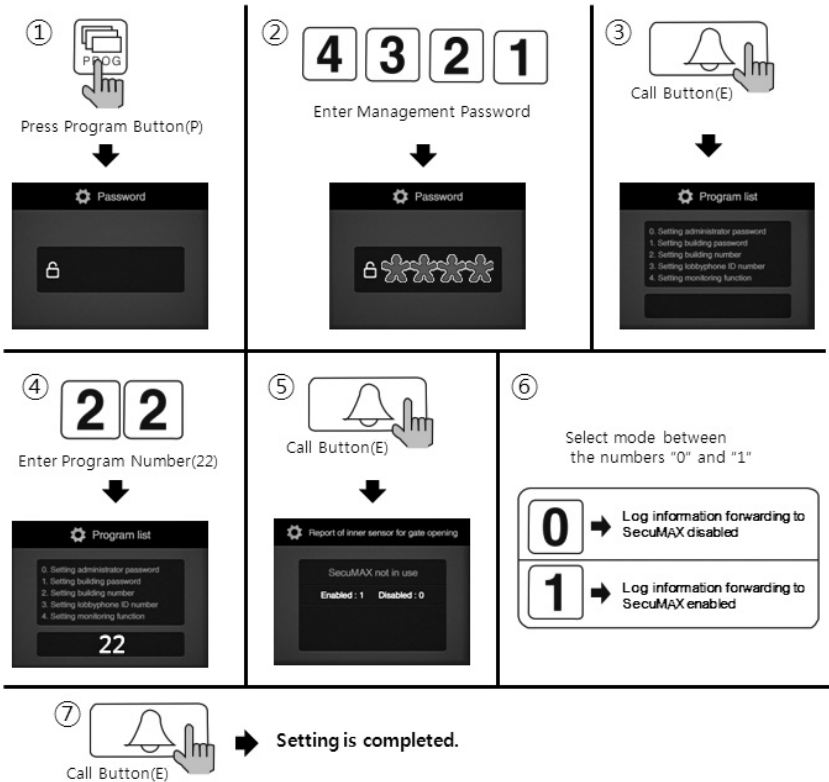1 → Emergency call to a designated office
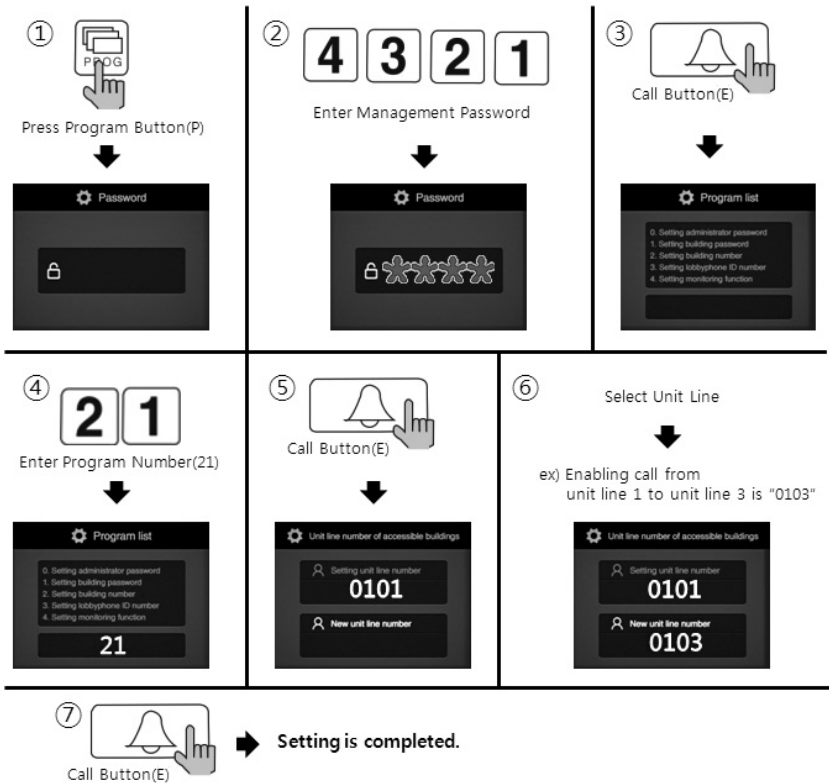
⑦ Call Button(E)   ➡ Setting is completed.

① Press Program Button "P"
② Press Management Passwords
③ Press Call Button "E" for call
④ Press number "27"
⑤ Press Call Button "E"
⑥ Select the mode
   (0 : Automatic call mode)
   (1 : Emergency call mode)
⑦ Press Call Button "E"

COMMAX

14. Call Tones selection

- P - Management password - E - 7 - E - 0 - E : Melody sound
- P - Management password - E - 7 - E - 1 - E : Bell(Ringer sound)
- This function is to set the recall sound of house & guard station at the common entrance

① Press Program Button(P)

Password

②
```
4 3 2 1
```
Enter Management Password

Password

③ Call Button(E)

Program list
```
0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function
```

④
```
7
```
Enter Program Number(7)

Program list
```
0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function
```
7

⑤ Call Button(E)

Setting paging tone
Current setting is melody
Bell tone : 1   Melody tone : 0

⑥ Select mode between the numbers "0" and "1"

```
0  →  MELODY
1  →  Phone Ring
```

⑦ Call Button(E) → **Setting is completed.**

① Press Program Button "P"
② Press Management Passwords
③ Press Call Button "E" for call
④ Press number "7" for selection of call tones
⑤ Press Call Button "E"
⑥ Select the mode
  (0 : Melody sound)
  (1 : Bell sound)
⑦ Press Call Button "E"(Changed call tones will be set)

COMMAX

15. Setting the Number of Call Ring Repetitions

- P - Management Password - E - 25 - E - 0 - E : Continuous call ring enabled.
- P - Management Password - E - 25 - E - 1 - E : 1 time Call ring enabled.
- This function sets number of call ring repetition when a call is made to any households or security office.

① Press Program Button "P".
② Press Management Password.
③ Press Call Button "E".
④ Press "25" (number twenty-five)
⑤ Press Call Button "E".
⑥ Select the mode
   (0 : Continuous call ring)
   (1 : 1 time call ring)
⑦ Press Call Button "E"

COMMAX

16. Setting the Number of Call Ring Repetitions

- P - Management Password - E - 26 - E – 0 – E : Voice message enabled.
- P - Management Password - E - 26 - E – 1 – E : Voice message disabled.
- This function enables/disables the Voice Message Function of DRC-703LC/RF1.

① Press Program Button(P)

Password

② Enter Management Password

Password

③ Call Button(E)

Program list

0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

④ Enter Program Number(26)

Program list

0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

26

⑤ Call Button(E)

Setting voice mute function

Voice message disabled

Disabled : 1   Enabled : 0

⑥ Select mode between the numbers "0" and "1"

0 → Voice message enabled

1 → Voice message disabled

⑦ Call Button(E) → Setting is completed.
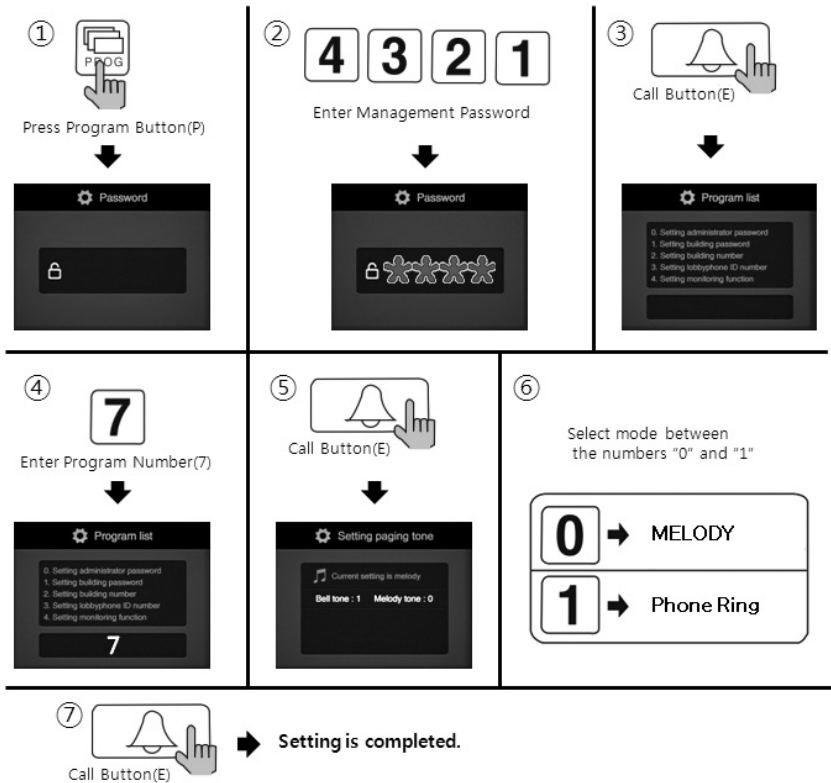
① Press Program Button "P"
② Press Management Passwords
③ Press Call Button "E" for call
④ Press number "26"
⑤ Press Call Button "E"
⑥ Select the mode
   (0 : Voice message enabled)
   (1 : Voice message disabled)
⑦ Press Call Button "E"

COMMAX

17. Door release by external information forwarding to SecuMAX way

- P – Management password – E – 18 – E – 0 – E : Forwarding to SecuMAX disabled
- P – Management password – E – 18 – E – 1 – E : Forwarding to SecuMAX enabled
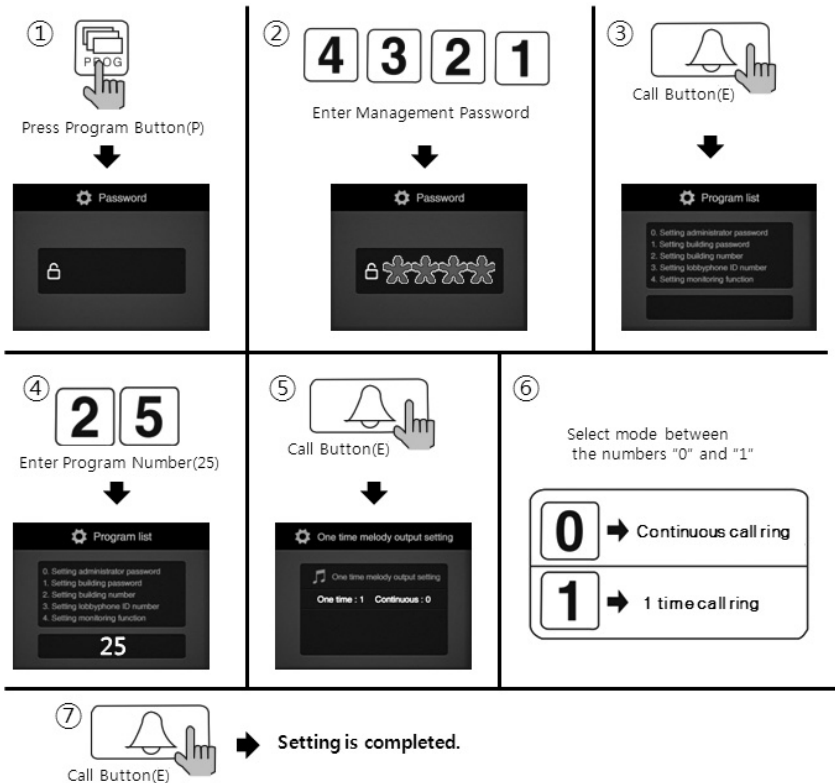- This function is to set door release by external sensor information forwarding to SecuMAX

① Press Program Button "P"
② Press Management Passwords
③ Press Call Button "E" for call
④ Press number "18" for forwarding to SecuMAX
⑤ Press Call Button "E"
⑥ Select the mode
  (0 : Forwarding to SecuMAX disabled)
  (1 : Forwarding to SecuMAX enabled)
⑦ Press Call Button "E"

COMMAX

18. Set to be forced opening the Main Entrance door by SecuMAX

- P – Management password – E – 29 – E – 0 – E : Forced opening by SecuMAX disabled
- P – Management password – E – 29 – E – 1 – E : Forced opening by SecuMAX enabled
- This function is to set the opening the Main Entrance door forced opening by SecuMAX

① Press Program Button(P)

Password

② Enter Management Password
4 3 2 1

Password

③ Call Button(E)

Program list
0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

④ Enter Program Number(29)
2 9

Program list
0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function
29

⑤ Call Button(E)

SecuMAX connection for event log
SecuMAX not connection
Enabled : 1   Disabled : 0

⑥ Select mode between the numbers "0" and "1"

0 → Force open by SecuMAX disabled
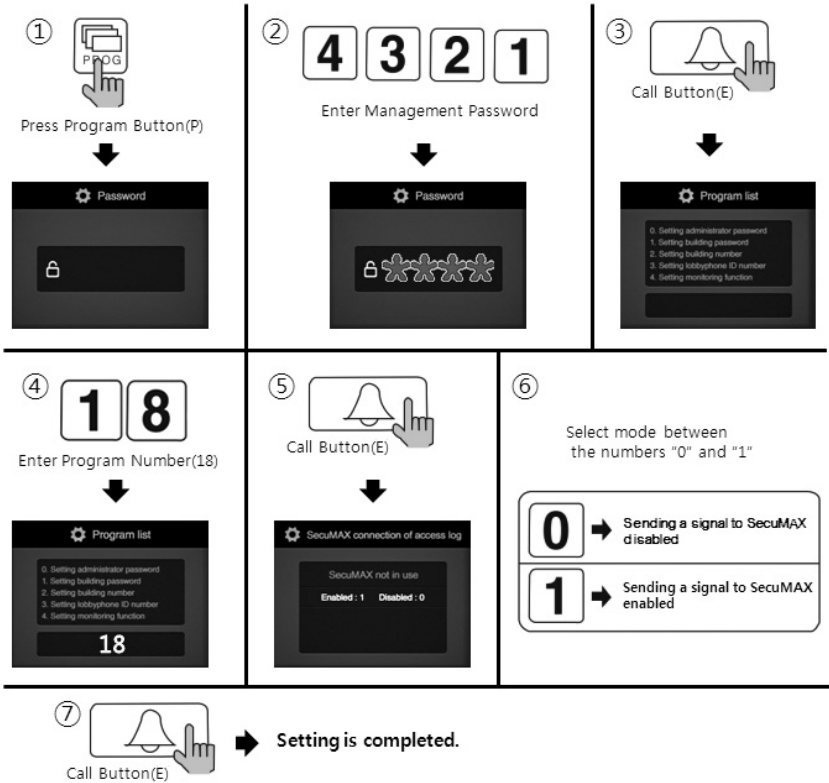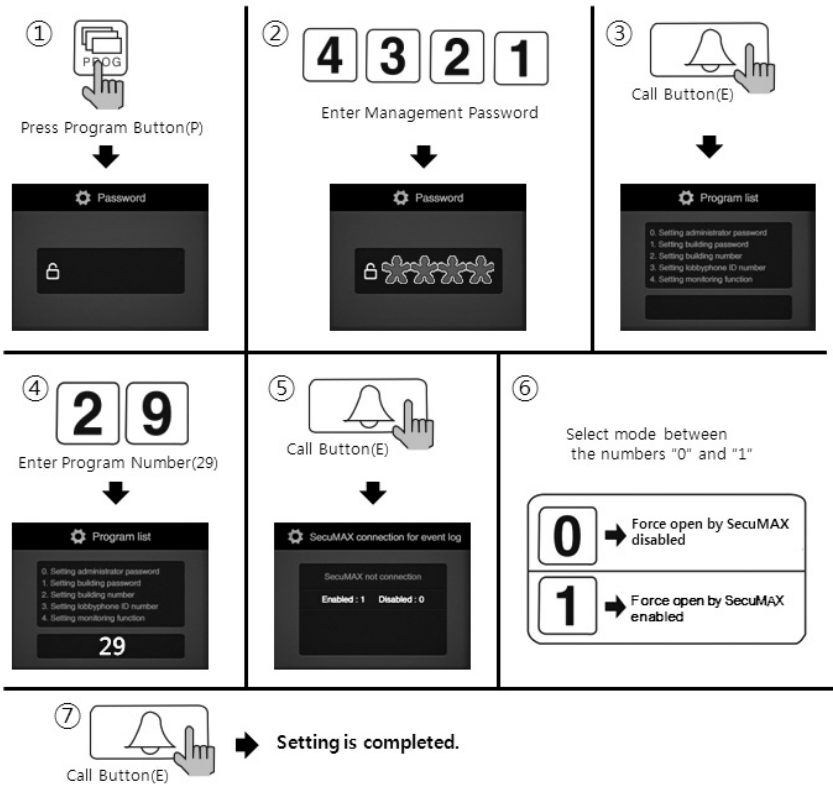1 → Force open by SecuMAX enabled

⑦ Call Button(E) ➡ **Setting is completed.**

① Press Program Button "P"
② Press Management Passwords
③ Press Call Button "E" for call
④ Press number "29"
⑤ Press Call Button "E"
⑥ Select the mode
　(0 : Forced opening by SecuMAX disabled)
　(1 : Forced opening by SecuMAX enabled)
⑦ Press Call Button "E"

COMMAX

19. Setting the time to trigger the notice to be forced door forwarding to SecuMAX

- P – Management password – E – 24 – E – 0 – E : This function is disabled
- P – Management password – E – 24 – E – 1 – E : Set the time(second)
- This function is to set the time to trigger the notice to be forced door forwarding to SecuMAX
- If you use this function, you should set the time more 1 second than the door close time.
- The notice forwarding to SecuMAX after 2 seconds when to be forced opening

① Press Program Button(P)

Press Program Button(P)

Password

② 4 3 2 1

Enter Management Password

Password

③ Call Button(E)

Program list

0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

④ 2 4

Enter Program Number(24)

Program list

0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

24

⑤ Call Button(E)

Emergency report of forced entry

Current time setting
00

New time setting

⑥ Set the time to trigger the notice forwarding function

If you want to set 2 seconds

Emergency report of forced entry

Current time setting
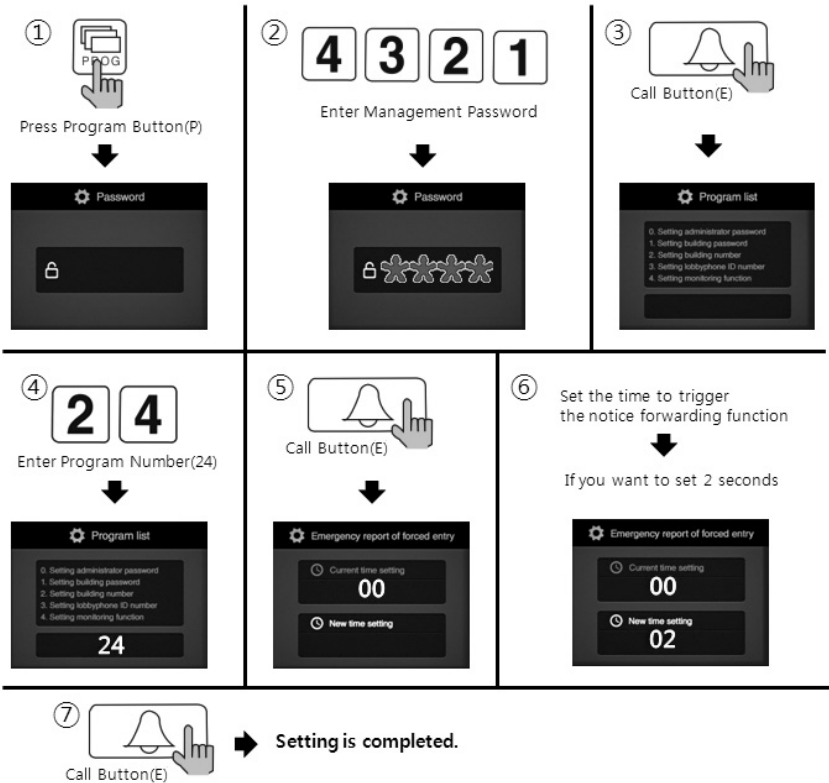00

New time setting
02

⑦ Call Button(E) ➡ Setting is completed.

① Press Program Button "P"
② Press Management Passwords
③ Press Call Button "E" for call
④ Press number "24"
⑤ Press Call Button "E"
⑥ Select the mode
  (0 : This function is disabled)
  (1 : Set the time(1~25 seconds))
⑦ Press Call Button "E"

COMMAX

20. Selecting the Wiring Method

- P – Management Password – E – 6 – E - 1 – E : Gateview method(UTP)
- P – Management Password – E – 6 – E - 4 – E : common 4 wire method
- P – Management Password – E – 6 – E - 8 – E : common 8 wire method
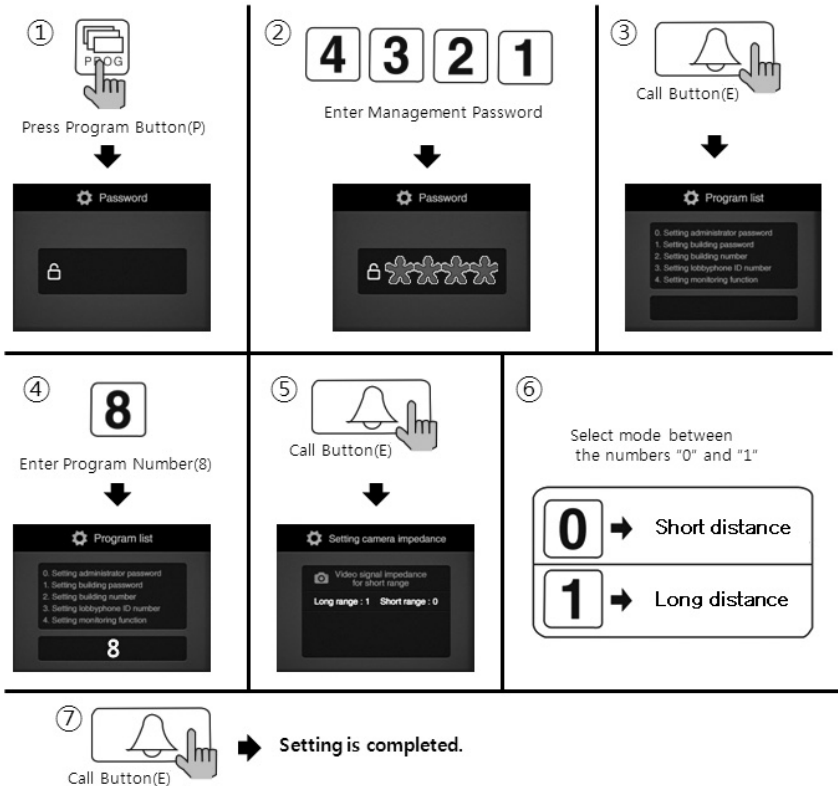- If common 8 wire method selected, there will be no video signal sent to all household units.
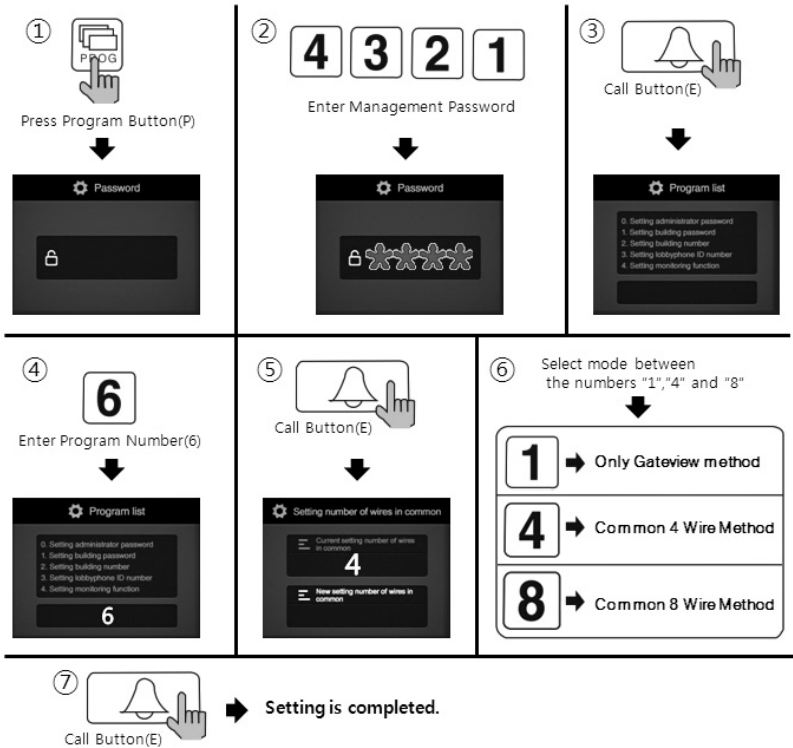
① Press Program Button "P".
② Press Management Password.
③ Press Call Button "E".
④ Press "6"
⑤ Press Call Button "E".
⑥ Select the wiring method by Pressing number
   (1 : Gateview method(UTP))
   (4 : Common 4 Wire Method)
   (8 : Common 6 Wire Method)
⑦ Press Call Button "E".

COMMAX

21. Video Out Impedance Adjustment Setting

- P - Management Password - E - 8 - E - 0 - E : Short distance transmission.
- P - Management Password - E - 8 - E - 1 - E : Long distance transmission.
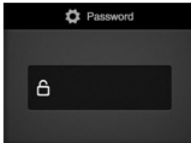- Factory default is set as "short distance transmission".

① Press Program Button(P)

Password

🔓

② Enter Management Password

Password

🔓 ✳✳✳✳

③ Call Button(E)

Program list

0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

④ Enter Program Number(8)

Program list

0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

8

⑤ Call Button(E)

Setting camera impedance

Video signal impedance for short range

Long range : 1   Short range : 0

⑥ Select mode between the numbers "0" and "1"

0 ➡ Short distance

1 ➡ Long distance

⑦ Call Button(E)   ➡ Setting is completed.

① Press Program Button "P".
② Press Management Password.
③ Press Call Button "E".
④ Press "8"
⑤ Press Call Button "E".
⑥ Select the transmission distance option between numbers "0" and "1".
   (0 : Short distance)
   (1 : Long distance)
⑦ Press Call Button "E".

COMMAX

22. Registration of Household Unit Number

- P - Management Password - E - 15 - E - Call Security from the monitor.- number of household - E - serial number - E
- This method applies to the case that there is no security station installed. Calling security from the monitor will direct the call to the lobby phone. Household Unit Number can be set at the lobby phone.

① Press Program Button(P)

Password

② Enter Management Password

4 3 2 1

Password

③ Call Button(E)

Program list

0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

④ Enter Program Number(15)

1 5

Program list

0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

15

⑤ Call Button(E)

Change household unit number

Current household unit number

New household unit number

⑥
1. From a household unit, call security.
2. The factory default household unit number appears on the LCD display of the lobby phone.
3. Please enter the actual unit number.

Change household unit number

Current household unit number
1234

New household unit number

⑦ Enter the actual unit number and press Call Button "E"

1 0 1

Change household unit number

Current household unit number
1234

New household unit number
101

⑧ Call Button(E)

Change household unit number

Current household unit number
1234

New household unit number
0101-

⑨ Enter household units sub number and press program button(P)

ex) If you want to set by Master

0

Change household unit number

Current household unit number
1234

New household unit number
0101-0

⑩ Call Button(E)

Change household unit number

Current household unit number

New household unit number

⑪
* By repeating ⑥-⑩ procedures, other unit numbers can be registered

- As unit number registration is done press Cancel Button "X" to exit.

COMMAX
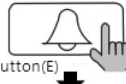
① Press Program Button "P".
② Press Management password.
③ Press Call Button "E".
④ Press "15"
⑤ Press Call Button "E".
⑥ From a household unit, call security. The factory default household unit number appears on the LCD display of the lobby phone. Please Press the actual unit number.
⑦ Press the actual unit number and press Call Button "E".
⑧ Press "0" (0 is Master lobby phone number. If multiple lobby phones are installed, please Press the corresponding lobby phone number) and press Call Button "E".
⑨ On the LCD display, the unit number input mode appears.
⑩ By repeating ⑥, ⑦, ⑧, ⑨ procedures, other unit numbers can be registered.
⑪ As unit number registration is done press Cancel Button "X" to exit.

<References>
• Master-videophone's "Multi Sub Number" is number 0 (zero).
• Sub-videophone's "Multi Sub Number" is given between 1 and 4.
• Up to 4 videophones can be installed in a single household unit and the "Multi Sub Numbers" shall not be overlapped.
• "Multi Sub Numbers" for sub-videophones shall be registered in numerical order.
• At least one Master-videophone with "Multi Sub Number 0" must be installed and if only one videophone is installed, it is considered as Master-videophone (set as Multi Sub Number 0).
• In case that ADT-481 is installed, it does not register as Master unit.
• If sub-videophone is 485 system, its Master-videophone's Multi Sub Number is 1 (one) and those of sub-videophones are between 2 and 59.

COMMAX

23. Checking Videophone Status of Household Units

- P - Management password - E - 14 - Unit Number - E - serial number - E
- This function is to check the status of videophones installed in each household unit.

① Press Program Button(P)

② Enter Management Password

③ Call Button(E)

④ Enter Program Number(14)

⑤ Call Button(E)

⑥ Enter the actual unit number and press Call Button "E"

⑦ Enter household units sub number and press program button(P)

ex) If you check the status of Master

Call button(E)

⑧ Status is displayed

⑨ * To press Call Button, You can check next unit status.

* By repeating ⑥-⑨ procedures, other unit status can be check

⑩ * As the status check is done press Cancel Button "X" to exit.

COMMAX

① Press Program Button "P".
② Press Management Password.
③ Press Call Button "E".
④ Press "14"
⑤ Press Call Button "E".
⑥ Press the Unit Number and press Call Button "E".
⑦ Press "0" (number zero as Master lobby phone or Press a corresponding lobby phone number) and press Call Button "E". Status of the household unit appears (Please refer to below for the status).
⑧ To check another unit status, repeat ⑥ & ⑦ procedures.
⑨ As the status check is done press Cancel Button "X" to exit.

Status of household unit indication
• Standby : standby mode (applies even when the household unit monitor is communicating with an individual door phone of the unit or via telephone line).
• Busy Line : Busy mode (applies when the household unit monitor is communicating with another household unit or security station.
• Away status : Away mode
• Emergency : in case of emergency (emergency, fire, gas leak, burglar)
• Error : Communication failure/error (Please check the unit's videophone).

COMMAX

24. Setting the Keypad LED Option

- P – Management Password – E – 35 – 0 – E : Keypad LED OFF
- P – Management Password – E – 35 – 1 – E : Keypad LED ON
- This function to set keypad LED ON/OFF.

① Press Program Button(P)

② Enter Management Password

③ Call Button(E)

④ Enter Program Number(35)

⑤ Call Button(E)

⑥ Select mode between the numbers "0" and "1"

0 → Keypad LED only work when you used lobby phone

1 → Keypad LED light always on

⑦ Call Button(E)   **Setting is completed.**
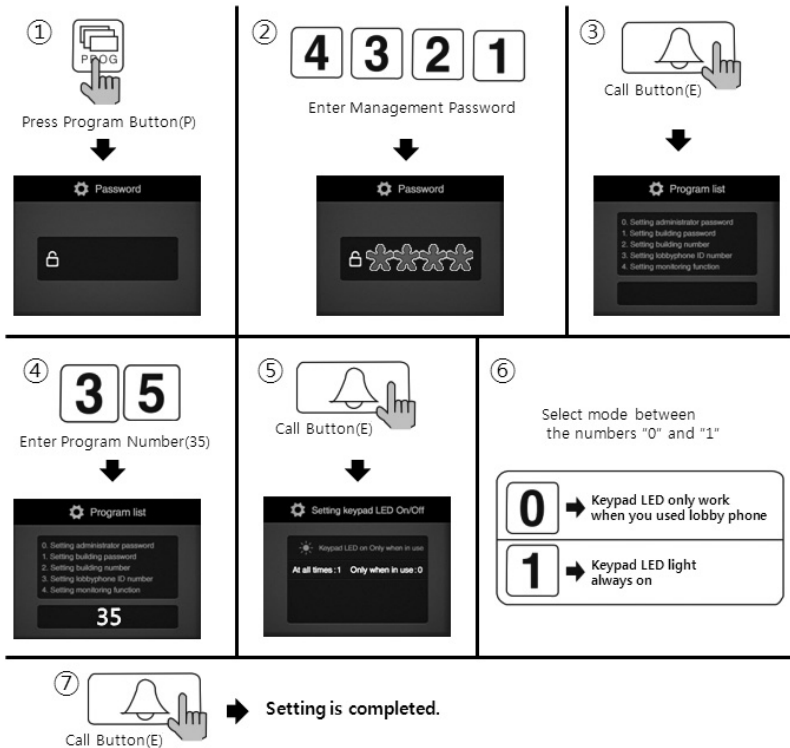
① Press the program button (P).
② Please set up the Management password.
③ Press the call button (E).
④ Press number "35"
⑤ Press the call button (E).
⑥ Select mode by numbers "0" or "1".
   (0 : White keypad LED light only work when you used lobby phone)
   (1 : White keypad LED light always on)
⑦ Press the call button (E).(It will be changed)

COMMAX

25. Activation of Electronic Key (Password) Function

- P - Management Password - E - 31 - 1 - E : Electronic Key (Password) enabled.
- P - Management Password - E - 31 - 0 - E : Electronic Key (Password) disabled.
- This function is to enable or disable the password access.
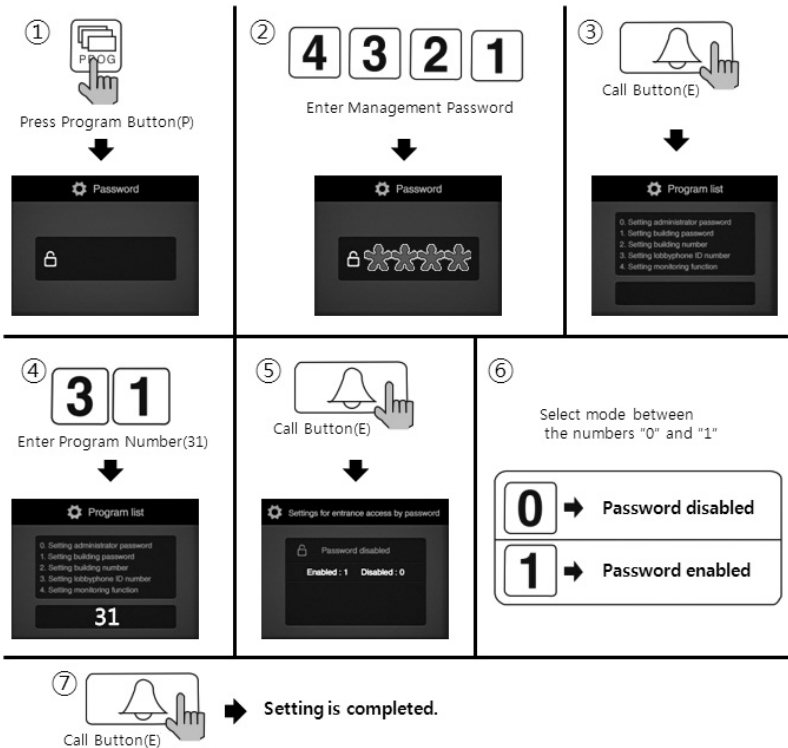
① Press Program Button "P".
② Press Management Password.
③ Press Call Button "E".
④ Press "31"
⑤ Press Call Button "E".
⑥ Select mode between numbers "0" and "1".
   (1 : Password enabled)
   (0 : Password disabled)
⑦ Press Call Button "E".

COMMAX

26. Setting the Volume of Voice and Beep Sound

- P - Management Password - E - 30 - E - Beep Volume (1~2) - Voice Volume (1~7) - E
- This function enables the adjustment of Beep & Voice volume.

① Press Program Button(P)

Password

② Enter Management Password

4 3 2 1

Password

③ Call Button(E)

Program list

0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

④ Enter Program Number(31)

3 1

Program list

0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

31

⑤ Call Button(E)

Settings for entrance access by password

Password disabled
Enabled : 1   Disabled : 0

⑥ Select mode between the numbers "0" and "1"
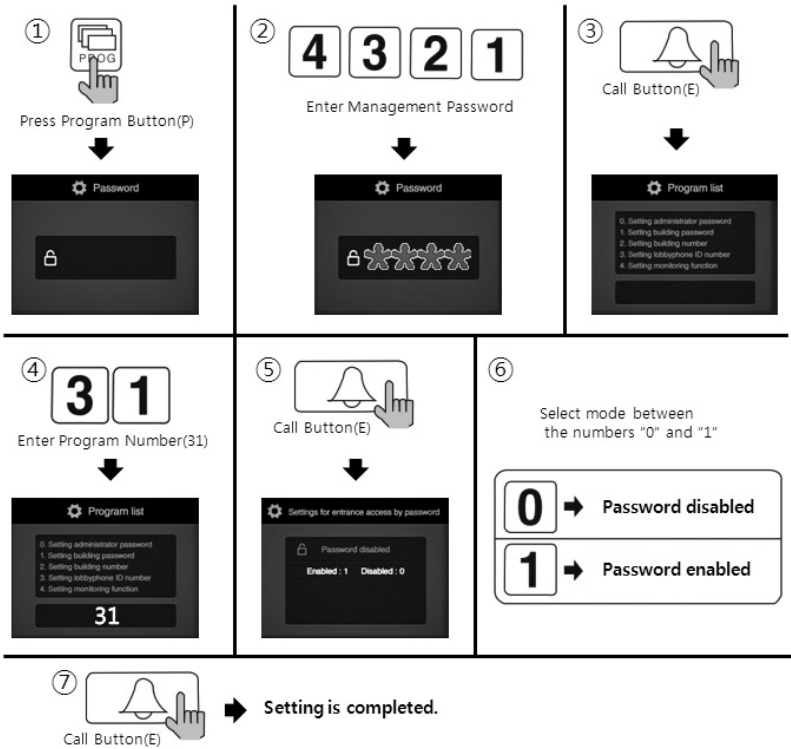
0 → Password disabled

1 → Password enabled

⑦ Call Button(E) → Setting is completed.

① Press Program Button "P".
② Press Management Password.
③ Press Call Button "E".
④ Press "30"
⑤ Press Call Button "E".
⑥ Press desirable Beep Volume (1~2) and then desirable Voice Volume (1~7).
⑦ Press Call Button "E".

<References>
- Beep sound volume applies to paging tone and button sound tone.

COMMAX

27. Setting the Voice announcement of unit number function

- P – Management Password - E - 17 - E – 0 : Voice announcement of unit number enabled
- P – Management Password - E - 17 - E – 1 : Voice announcement of unit number disabled
- This function enables to select whether the voice announcement of unit number to be announced or not.
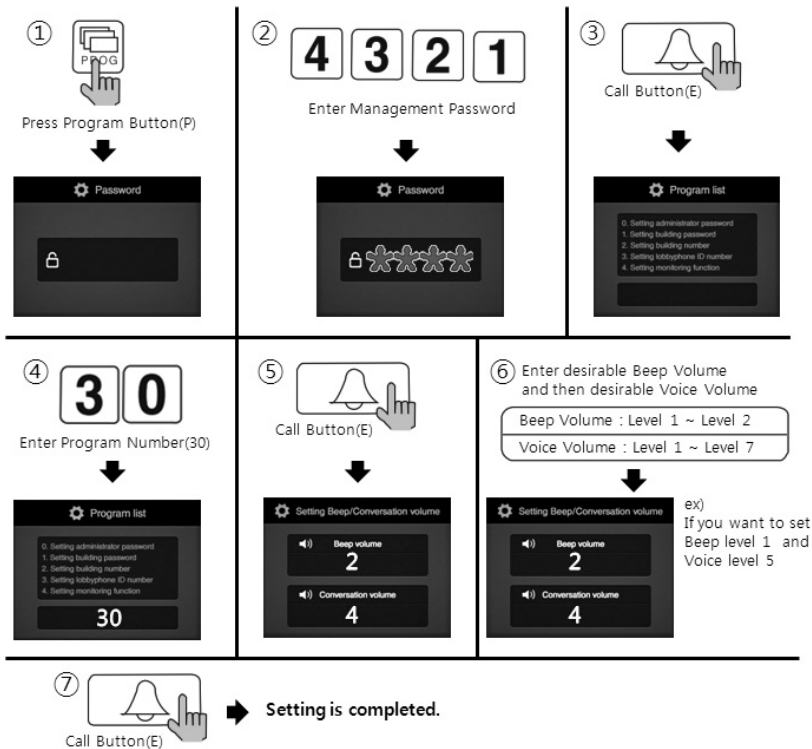
① Press Program Button "P".
② Press Management Password.
③ Press Call Button "E".
④ Press "17"
⑤ Press Call Button "E".
⑥ Select mode between the numbers "0" and "1".
   (0 : Voice announcement of unit number enabled)
   (1 : Voice announcement of unit number disabled)
⑦ Press Call Button "E"

COMMAX

28. The setting of Video call function

- P – Management Password - E - 36 – E – 0 – E : video call disabled
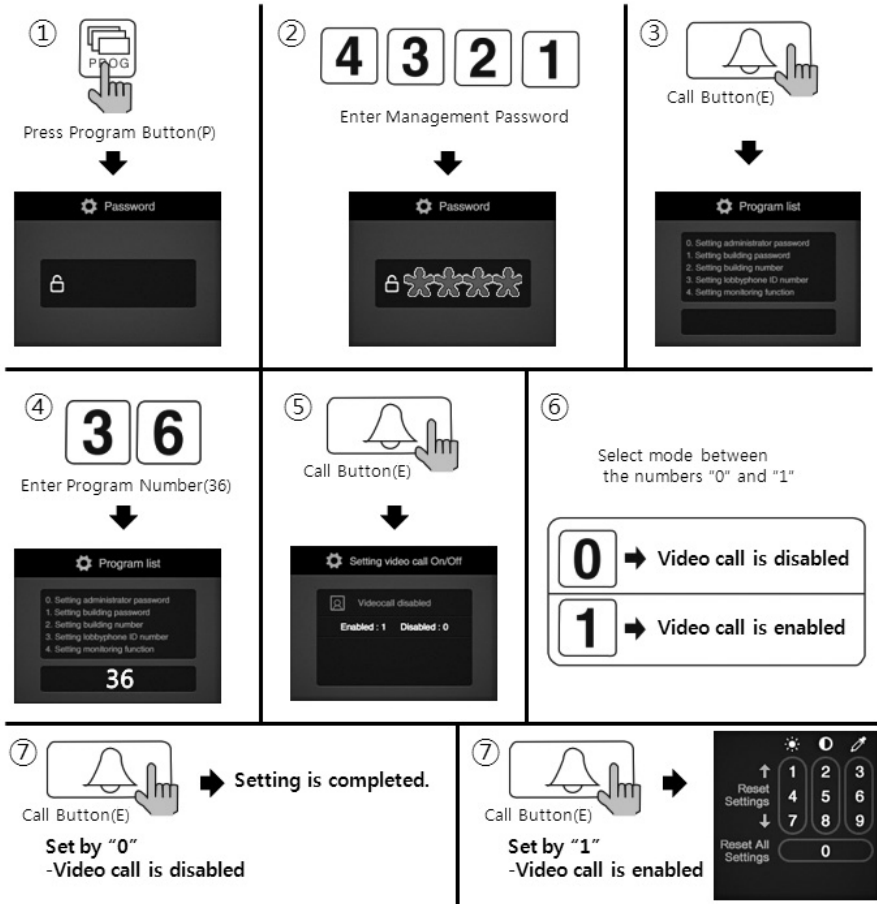- P – Management Password - E - 36 – E – 1 – E : video call enabled
- This function is to set the LCD & the use of video call when the household is called

① **PROG**

Press Program Button(P)

⚙ Password

🔒

② **4 3 2 1**

Enter Management Password

⚙ Password

🔒 ✸✸✸✸

③ Call Button(E)

⚙ Program list

0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

④ **3 6**

Enter Program Number(36)

⚙ Program list

0. Setting administrator password
1. Setting building password
2. Setting building number
3. Setting lobbyphone ID number
4. Setting monitoring function

36

⑤ Call Button(E)

⚙ Setting video call On/Off

🖼 Videocall disabled

Enabled : 1   Disabled : 0

⑥ Select mode between
the numbers "0" and "1"

0 → Video call is disabled

1 → Video call is enabled

⑦ Call Button(E) → Setting is completed.

Set by "0"
-Video call is disabled

⑦ Call Button(E) →

Reset Settings ↑ 1 2 3
4 5 6
↓ 7 8 9
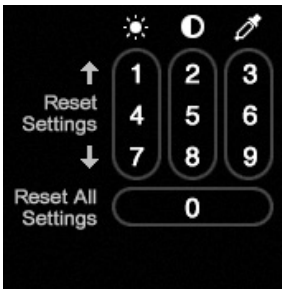Reset All Settings 0

Set by "1"
-Video call is enabled

COMMAX

① Press a Program Button(P)
② Enter Management Password
③ Press the Call button (E)
④ Enter Program Number "36"
⑤ Press the call button (E)
⑥ Select the mode between 0 & 1
  (0 : Video call is disabled)
  (1 : Video call is enabled)
⑦ Press the call button(E)
   : Set by '0',setting is completed after the save
   : Set by '1', it enters to LCD setting mode.

LCD settings
each setting can be controlled with an each button of KEY PAD when the set screen is popped up as below.

1) reset screen in LCD set mode

(A) Brightness UP, DOWN : 1, 7 Button

(B) light & Darkness UP, DOWN : 2, 8 Button

(C) Color UP, DOWN : 3, 9 Button

(D) Reset Settings : 4(Brightness), 5(Light & Darkness), 6(Color)
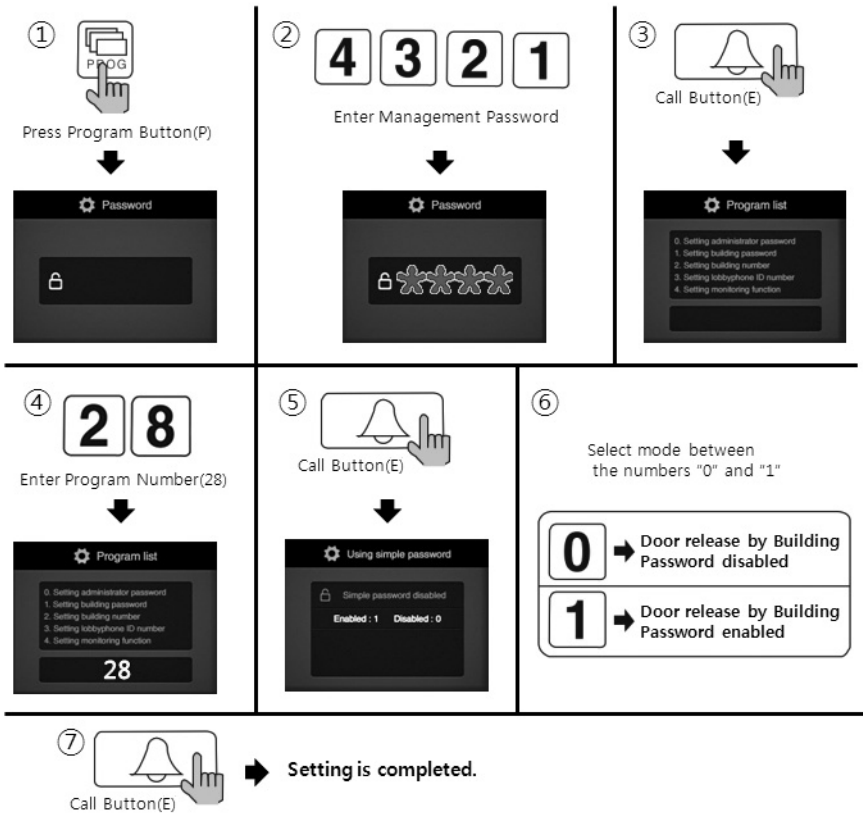
(E) Reset all settings : 0

(2) Press the call button(E) after completion of setting

29. Setting the door release by building password

### 29-1. Setting the Door Release by Building Password (Refer to 4-2)

- P – Management Password – E – 28 – 1 – E : Door release by Building Password enabled.
- P – Management Password – E – 28 – 0 – E : Door release by Building Password disabled.
- This function enables the door release by Building Password.
- This function provides least security to the access of the entrance since the password is being shared among number of people. Please keep the security of Building Password strictly and/or change the Building Password periodically.

① Press Program Button(P)

② Enter Management Password

③ Call Button(E)

④ Enter Program Number(28)

⑤ Call Button(E)

⑥ Select mode between the numbers "0" and "1"

0 → Door release by Building Password disabled

1 → Door release by Building Password enabled

⑦ Call Button(E) → Setting is completed.

COMMAX

① Press Program Button "P".
② Enter Management Password.
③ Press Call Button "E".
④ Enter "28" (number twenty-eight).
⑤ Press Call Button "E".
⑥ Select mode between the numbers "0" and "1".
   (1 : Door release by Building Password enabled)
   (0 : Door release by Building Password disabled)
⑦ Press Call Button "E".

29-2. Using a door release by Building Password function.

① Press Call Button "E".

Call Button(E)

⬇

🔧 Password

🔓

② Enter Building Password or Management Password
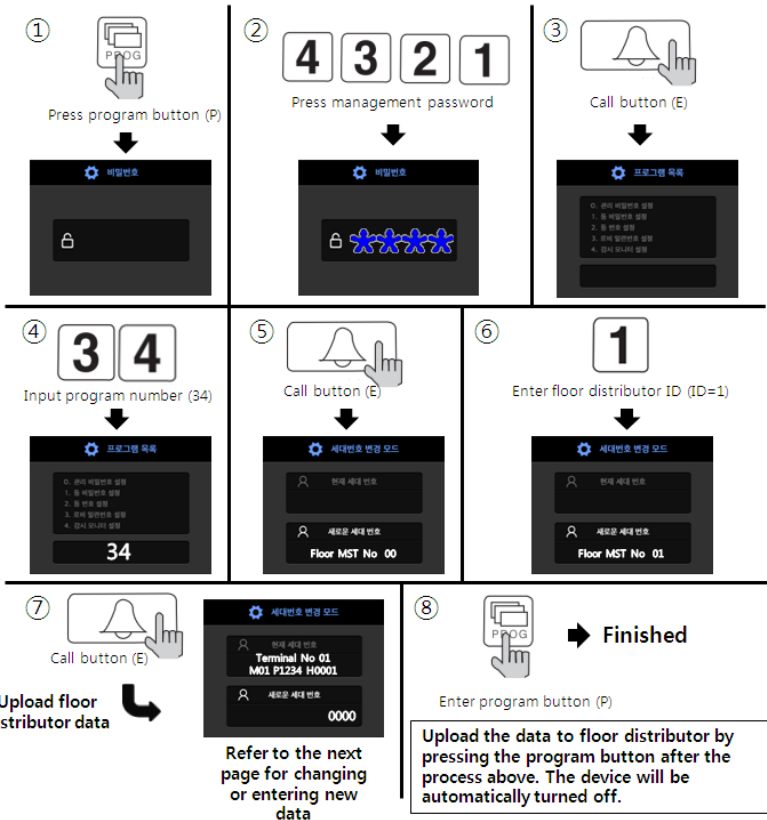
🔧 Password

🔓 ✳✳✳✳✳

③ Entrance open

COMMAX
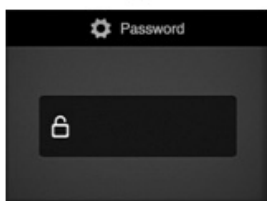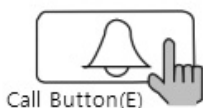
30. How to Set Floor Distributor (unit number, password, lobby number for monitoring or DTMF availability)

- P – Management password- E - 34 – E – Floor distributor ID – E – Input data – P
- You may set lobby number for monitoring if a floor distributor is installed and set.
- You may set availability for DTMF when a floor distributor for audio is installed and set.
- Please refer to our manual for floor distributor for your reference.
- This function works only for version 3.0 or above.

① Press program button (P)

② Press management password

③ Call button (E)

④ Input program number (34)

⑤ Call button (E)

⑥ Enter floor distributor ID (ID=1)

⑦ Call button (E)
Upload floor distributor data

Terminal No 01
M01 P1234 H0001

0000

Refer to the next page for changing or entering new data

⑧ Enter program button (P) → **Finished**

Upload the data to floor distributor by pressing the program button after the process above. The device will be automatically turned off.

<Reference>
- The function may work only when you set mode "99" on program no. 23 and have it perform in 30 seconds.
- Do not disturb the device while uploading or downloading data from or onto floor distributor.

COMMAX

You may move your cursor by pressing the key icon.

You may move on to next page by pressing the guard icon.

ex) When changing port No. 1 to PIN 2580 for #101, and port No.2 to lobby number 2 for monitoring,

세대번호 변경 모드
현재 세대 번호
Terminal No 01
M01 P1234 H0001
새로운 세대 번호
0000

1 0 1

세대번호 변경 모드
현재 세대 번호
Terminal No 01
M01 P1234 H0101
새로운 세대 번호
0000

세대번호 변경 모드
현재 세대 번호
Terminal No 01
M01 P1234 H0101
새로운 세대 번호
0000

2 5 8 0

세대번호 변경 모드
현재 세대 번호
Terminal No 01
M01 P2580 H0101
새로운 세대 번호
0000

세대번호 변경 모드
현재 세대 번호
Terminal No 02
M01 P1234 H0002
새로운 세대 번호
0000

1 0 2

세대번호 변경 모드
현재 세대 번호
Terminal No 02
M01 P1234 H0102
새로운 세대 번호
0000

x2

세대번호 변경 모드
현재 세대 번호
Terminal No 02
M01 P1234 H0102
새로운 세대 번호
00

2

세대번호 변경 모드
현재 세대 번호
Terminal No 02
M02 P1234 H0102
새로운 세대 번호
00

① Press program button "P"
② Press Management password
③ Press Call Button "E"
④ Press number "36"
⑤ Press Call Button "E"
⑥ Input a new floor distributor ID to be changed (Download floor distributor information)
⑦ Select a new terminal number for the floor distributor to be changed
   - Move on to terminal number by electronic key buttons
⑧ Select items from terminal to be changed
   (lobby ID for monitoring, DTMF off/on, unit number, password)
   - Move onto next item by pressing guard button
   - In case of audio floor distributors,
   Axx will be indicated instead of Mxx(lobby number),
   you can set up 01:DTMF on(available) or 00:DTMF off(not available) from xx of Axx.
⑨ Input new information in a chosen item
   - Any update for items would be allowed by going over process No.8 above again.
⑩ Upload new information onto the floor distributor when the set up process is done by pressing program button "P"
   - Uploading process is available only when each item has configured proposed changes(when numbers are indicated).

COMMAX

31. When you want to call a household

1) called to a household

① Enter the Unit Number that you wish to call

1 0 1

⌂ Unit number

Unit **101**

② Press Call Button "E".

Call Button(E)

③ Talk as answered.

2) Call by Extension panel button

① Enter the Building Number

1 0 1

⌂ Unit number

Building **101**

Unit

② Enter the Unit Number that you wish to call

1 0 1

⌂ Unit number

Building **101**

Unit **101**

③ Press Call Button "E".

Call Button(E)

④ Talk as answered.

COMMAX

32. When you want to call a Guard Station

① Press Security Button

② Press Call Button "E".

Call Button(E)

Guard station

③ Talk as answered

33. Door Release by Unit Password

1) Door release to a household

① Enter the Unit Number that you wish to call

1 0 1

Unit number

Unit **101**

② Press Key Button

Password

③ Enter the Unit Password

Password

④ Press Call Button "E".

Call Button(E)

Entrance open

COMMAX
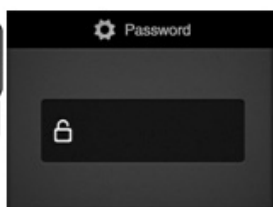
2) Door release by Extension panel button

① Enter the Building Number

1 0 1

⌂ Unit number

Building **101**

Unit

② Enter the Unit Number that you wish to call

1 0 1

⌂ Unit number

Building **101**

Unit **101**

③ Press Key Button

⚙ Password

🔓

④ Enter the Unit Password

⚙ Password

🔒 ✶✶✶✶✶

⑤ Press Call Button "E".

Call Button(E)

Entrance open

COMMAX
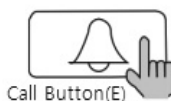
34. Door Release by Building Password or Management Password

① Press Security Button
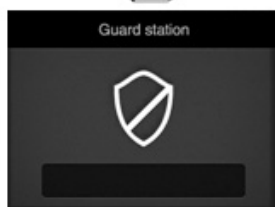
Guard station

② Press Key Button
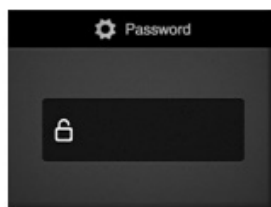
Password

③ Enter Building Password or Management Password

Password

④ Press Call Button "E"

Call Button(E)

Entrance open

COMMAX
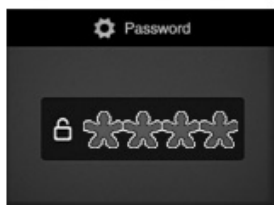
35. Supplement (summary of various programs)

Setting Passwords
1. P–Previous Management Password–E–0–E– New Management Password–E: Management Password Registration.
2. P-Previous Building Password-E-1-E-New Building Password-E : Building Password Registration
3. K-20-E-Household Unit Number-E-Previous Unit Password-E-New Unit Password-E : Unit Password Registration
4. P-Management Password-E-16-E-Unit Number-E : Retrieving Unit Password

Retrieving Unit Information
1. P-Management Password-E-14-E : Checking the unit's interphone status
2. P-Management Password-E-15-E : Unit Number Registration

Building number, Lobby phone number, and Door release function Settings
1. P-Management Password-E-2-E-Building Number-E : Building Number Registration
2. P-Management Password-E-3-E-Lobby Phone Number-E : Lobby Phone Number Registration
3. P-Management Password-E-28-E : Door Release Function enabled/disabled (00: Disabled, 01: Enabled)
4. P-Management Password-E-31-E : Electronic Key (Password) enabled/disabled (00: Disabled, 01: Enabled)

RF Card Key Programming
1. P-Management Password-E-9-E : RF Card Key Testing
2. P-Management Password-E-10-E : RF Card Key Registration
3. P-Management Password-E-11-E : All RF Card Keys Initialization
4. P-Management Password-E-12-E : Deletion an individual RF Card Key
5. P-Management Password-E-13-E : RF Card Key Registration Confirmation
6. P-Management Password-E-32-E-Destination-E: RF Card Key Data Transmission
7. P-Management Password-E-33-E-Destination-E: RF Card Key Data Reception

SecuMAX Management
1. P-Management Password-E-18-E :
   Set to Door release by external information forwarding to SecuMAX.
2. P-Management Password-E-22-E :
   Set to Door release by internal information forwarding to SecuMAX.
3. P-Management Password-E-29-E :
   Set to be forced opening the Main Entrance door by SecuMAX.

Door Release by Password
1. Unit Number-K-Unit Password-E : by Unit Password.
2. E-Building Password : by Building Password

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How to make a unit call and guard station call from a lobby phone
1. Press house number-E : to Household
2. Name search-Select Guard-E : to Guard Station

Other settings
1. P-Management Password -E-4-E : Surveillance Monitor Setting
   (00: disabled, 01: enabled)
2. P-Management Password -E-5-E : Door Release Duration Setting
3. P-Management Password -E-6-E : Selecting Wiring Methods
   (04: Common 4 wires, 06: Common 6 wires)
4. P-Management Password -E-7-E : Selecting Call Rings (00:MELODY, 01:BELL)
5. P-Management Password -E-8-E : Setting Video Out Impedance
   (00: Short range, 01: Long range)
6. P-Management Password -E-17-E : Setting Voice Message of Unit Number
   (00: enabled, 01: disabled)
7. P-Management Password -E-21-E : Setting the Call by Unit Line
8. P-Management Password -E-24-E : Setting the Forced Entry Notice Forwarding
   Function
9. P-Management Password -E-25-E : Setting number of Call Rings
   (00: continuous, 01: once)
10. P-Management Password -E-26-E : Setting the Voice Message Function
    (00: enabled, 01: disabled)
11. P-Management Password -E-27-E : Setting the Automatic Security Call/Emergency
    Call
    (00: Automatic, 01: Emergency)
12. P-Management Password -E-30-Beep Volume-Voice Volume-E : Setting the
    Volume of Voice and Beep Sound
    P-Management password-E-34-E-Floor distributor ID-E-Input data-P : Setting Floor
    Distributor data

13. P-Management Password -E-35-E : Setting Keypad LED On/Off
    (00: When it's just working, 01: Always)
14. P-Management Password -E-36-E : Setting Video Call On/Off
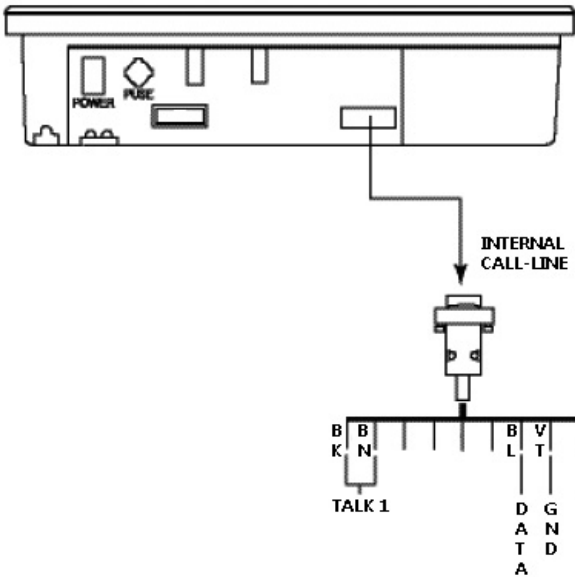   (00: disabled, 01: enabled)

36. Wiring Information

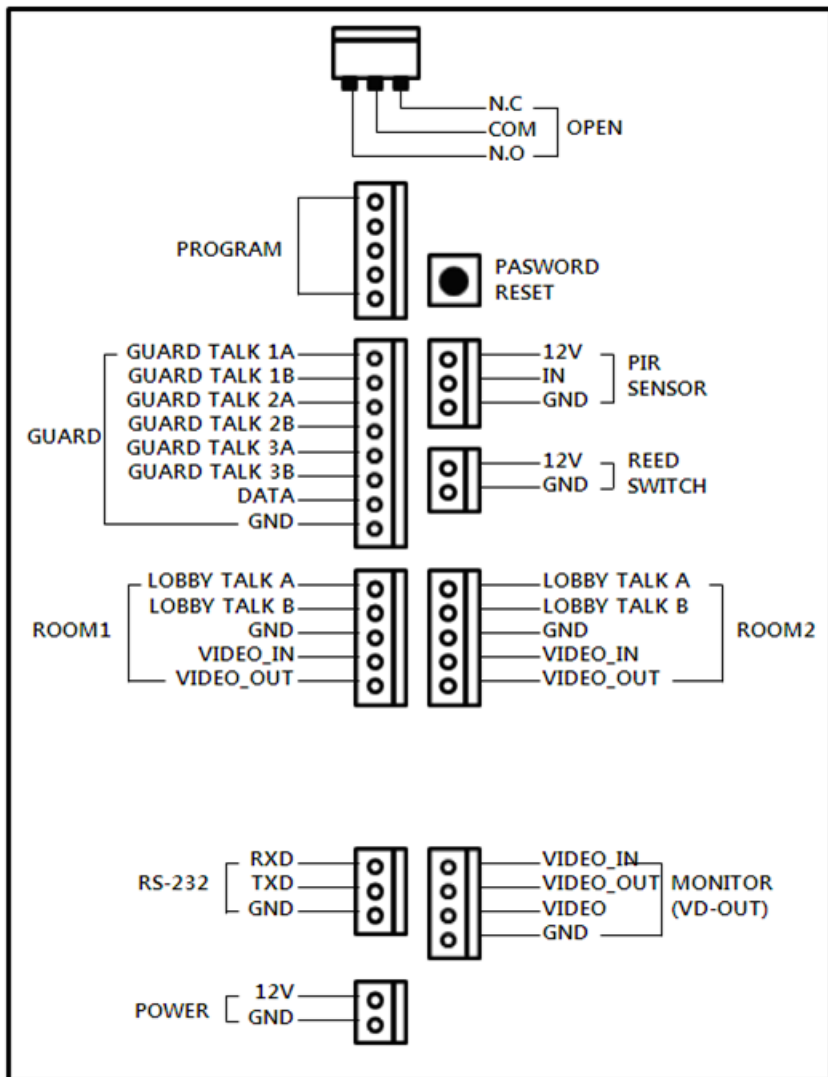**Guard interphone**

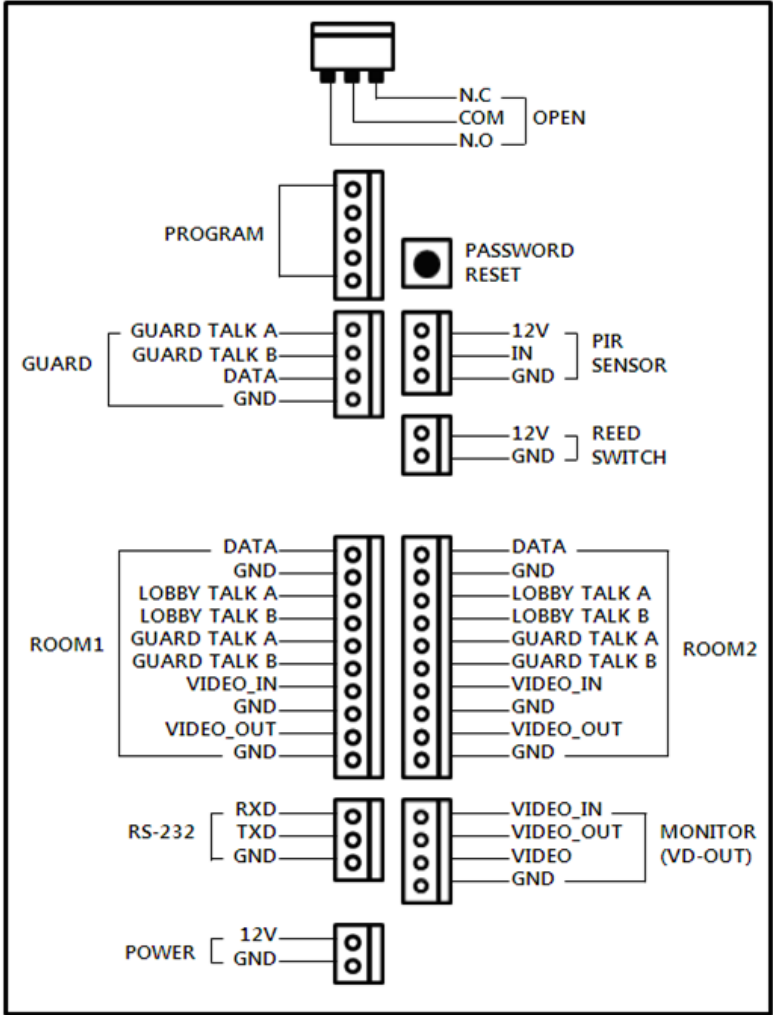(1) GateView Guard Station
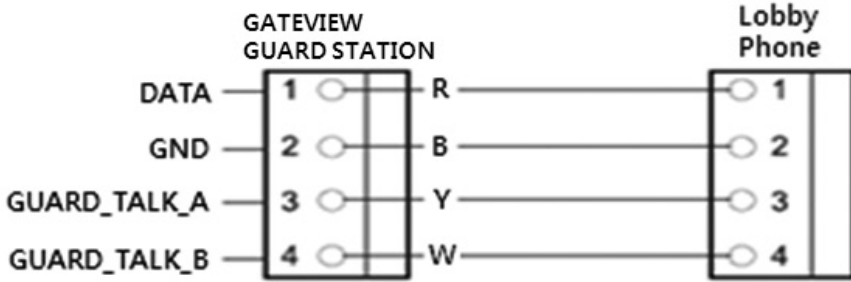
(2) 481 Guard Station

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entrance interphone (DRC-703LC/RF1)
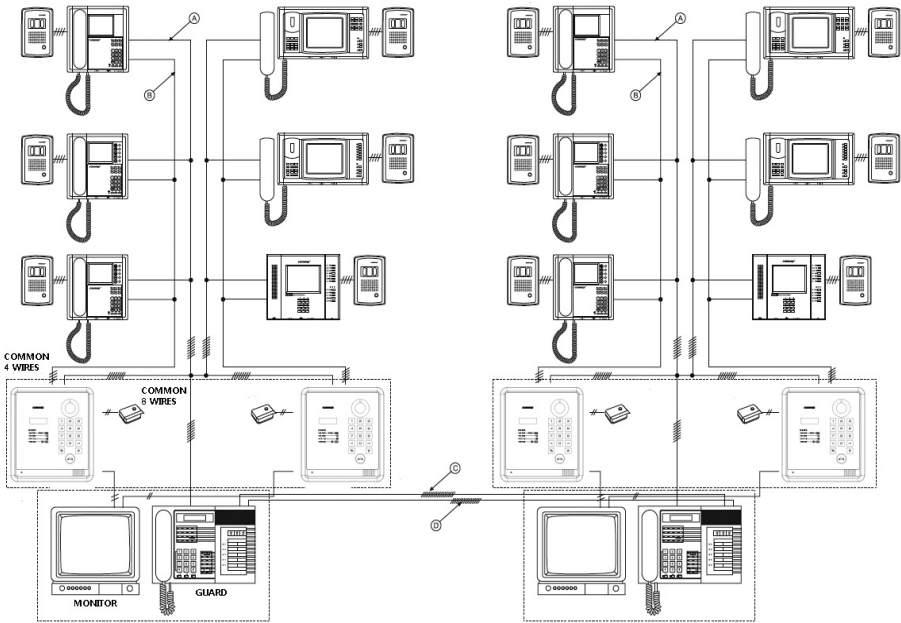(1) Using Coax Cable

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(2) Using UTP Cat 5e. Cable

<Caution>
1) If installed outdoor, it requires extra molding for water-proof and rainshield.
2) Recommanded height is pertinent from 1450mm ~ 1500mm
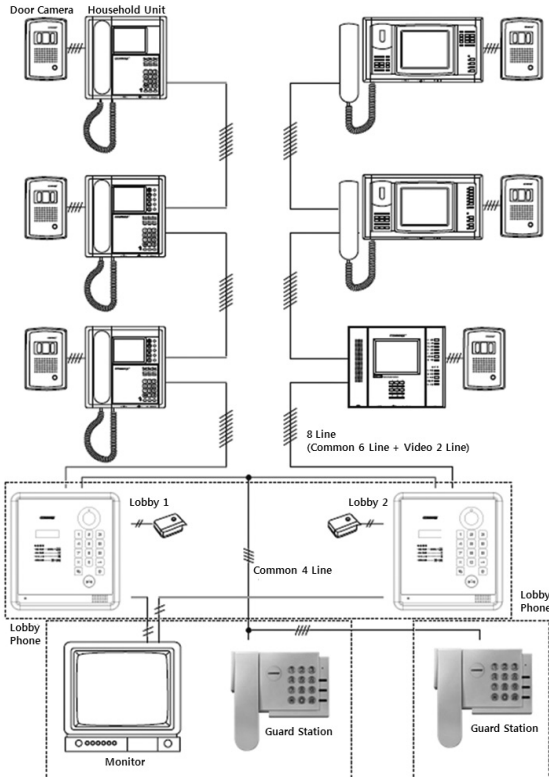
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System schematic
(1) Using Coax Cable

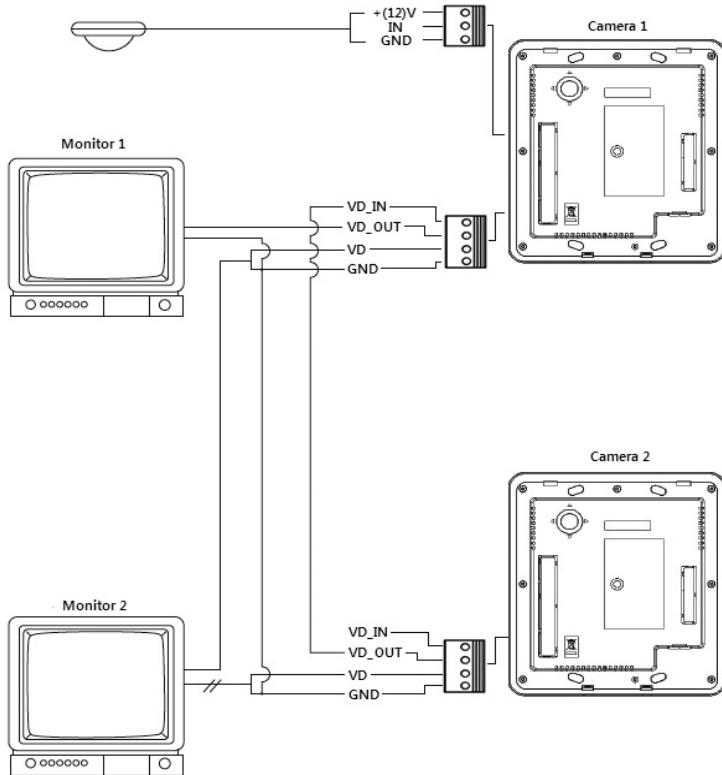### Reference
ⓐ Guard Talk line(common 8 wires)
ⓑ Lobby Talk line(common 4 wires)
ⓒ External Talk line(common 18 wires)
ⓓ External Talk extension line(common 16 wires) ← Optional
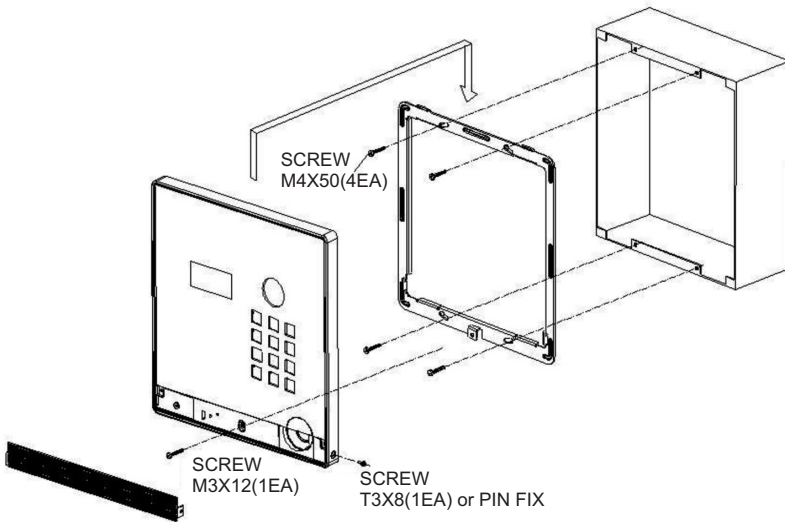
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(2) Using UTP Cat 5e. Cable

Door Camera　Household Unit

8 Line
(Common 6 Line + Video 2 Line)

Lobby 1

Lobby 2

Common 4 Line

Lobby Phone

Lobby Phone

Monitor

Guard Station

Guard Station

COMMAX

Wiring Method for CCTV and Sensor Connection

+(12)V
IN
GND

Camera 1

Monitor 1

VD_IN
VD_OUT
VD
GND

Camera 2

Monitor 2

VD_IN
VD_OUT
VD
GND

COMMAX

37. Installation

SCREW
M4X50(4EA)

SCREW
M3X12(1EA)

SCREW
T3X8(1EA) or PIN FIX

\<Installation Precautions\>
1) Assemble speaker grill at last stage of installing the product.
   - Assemble from left, then fasten screw on the right side to finish.
2) When installing the product outside the building, make sure the product's sides and edges are waterproof molded with silicon or other materials.

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38. Miscellaneous

※ Please carefully read this User's Guide before calling service man After checking the entire check list, please contact customer service center. We will do our best to make you satisfy with our services.

39. Part list

(1) Using Coax Cable

Item	Description	Q'ty
CONN. 2PX300	Wiring Connector	2
CONN. 3P(3.96)X250	Wiring Connector	1
CONN. 3PX300	Wiring Connector	2
CONN. 4PX300	Wiring Connector	1
CONN. 5PX250	Wiring Connector	2
CONN. 8PX300	Wiring Connector	1
SCREW FHM 4X50 ZnY NI	Bracket + Flush Mount Bracket	4
SCREW WHM 3X12 NI	Bracket + Case	1
SCREW PH2T 3X8 ZnY	Fixing a speaker grill(option 1)	1
PIN FIX DRC-703LC	Fixing a speaker grill(option 2)	1

(2) Using UTP Cat 5e. Cable

Item	Description	Q'ty
CONN. 2PX300	Wiring Connector	2
CONN. 3P(3.96)X250	Wiring Connector	1
CONN. 3PX300	Wiring Connector	2
CONN. 4PX300	Wiring Connector	2
CONN. 10PX300	Wiring Connector	1
SCREW FHM 4X50 ZnY NI	Bracket + Flush Mount Bracket	4
SCREW WHM 3X12 NI	Bracket + Case	1
SCREW PH2T 3X8 ZnY	Fixing a speaker grill(option 1)	1
PIN FIX DRC-703LC	Fixing a speaker grill(option 2)	1

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40. Specifications and Features

Installation	Flush Mount Type installation		
Model	DRC-703LC/RF1		
Wiring	Using Coax cable		Using UTP Cat.5e cable
	Household(com 4wires) Guard(com 8 wires)		Household (8 wires-com 6w+VD 2w) Guard(com 4wires)
Power Source	DC 12V, 1A		
Power Consumption	Standby: 270mA, Maximum: 680mA		
Call Method	Handsfree (one way)		
Image Sensor	Color CMOS		
Horizontal/Vertical	15,735KHz / 60Hz,		
Scanning Frequency	15,625KHz / 50Hz		
Imaging Angle	Horizontal : 81 degrees, Vertical : 66 degrees		
Lowest Intensity of Illumination	0.3 Lux (up to 300mm from the camera)		
Effective Call Range	3C2V	5C2V	7C2V	UTP CAT.5e
	200m	300m	500m	300m
RF Sensing Range	50mm(MAX)		
Lighting	Built-in LED light for night use		
Temperature	-20°C(tested up to -40°C) ~ 50°C		
Dimensions	244 (W) x 270 (H) x 46 (D) mm		

41. RF-ID Model (Optional)

Communication Device Certification(RF Option)

Model Name	DRC-703LC/RF1
Frequency	13.56MHz
Antenna power range	Under 47.5mV/m within 10 meter radius
Power	DC 12V
Emission Type	A1D
Number of Channel	1 Channel
Modulation method	ASK
Communication method	Simplex Operation Method
Temperature	-10°C(tested up to -40°C) ~ +50°C, 95%

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Memo

COMMAX