# 2-wire Intercom System

Spacetronik SPD-D1M1

USER MANUAL

⚠ Please read this manual carefully before using the product.

# Part Names

## Outdoor station
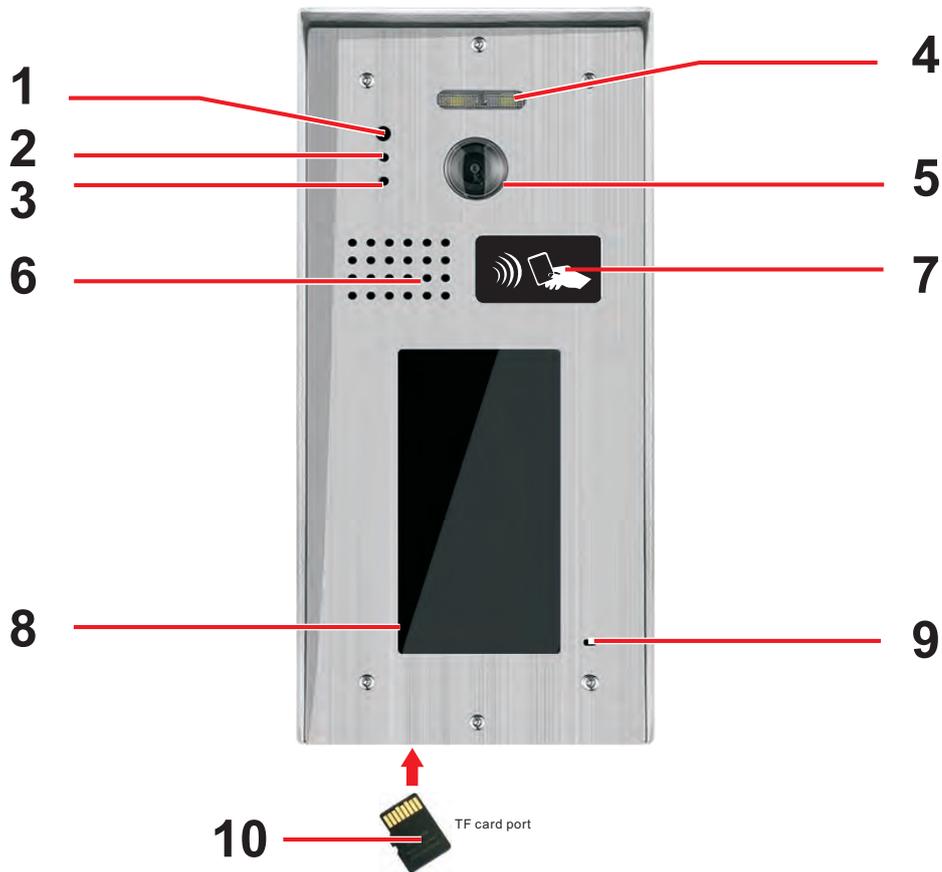
No.	Name & description
1	Infrared induction
2	Green light on when unlocking
3	Blue light on when calling
4	Fill-in flash and light sensor
5	Camera
6	Speaker
7	IC card swiping area
8	Touch screen
9	Microphone
10	TF card port

Parts and Functions

115mm (3.8in)

246mm (8.0in)

55mm (1.8in)
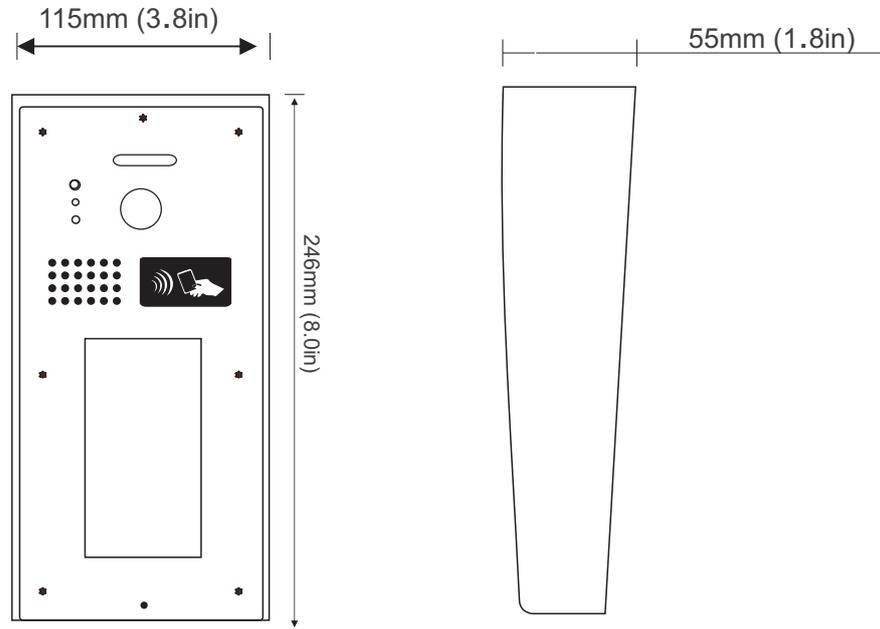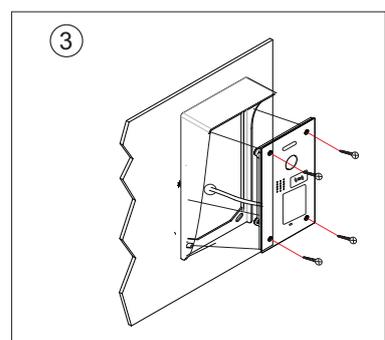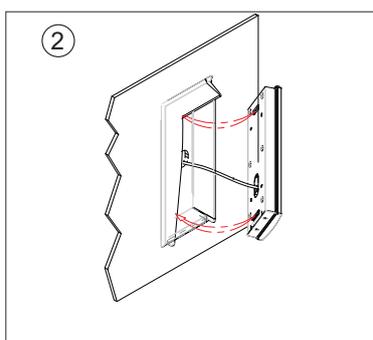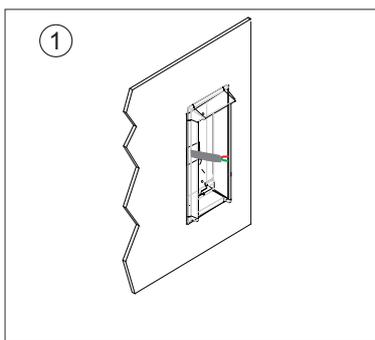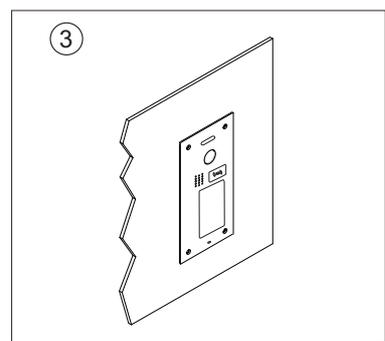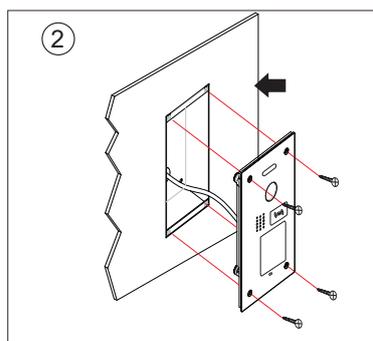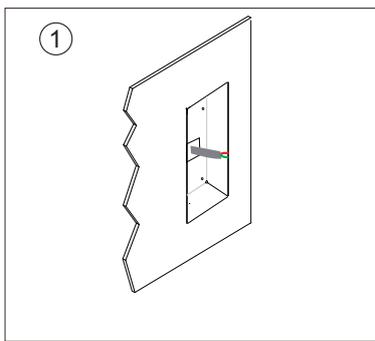
Mounting

Drill a hole and attach the rain cover to it

Attach the unit to the rain cover correctlly

The last view for all mounting

Terminal Description
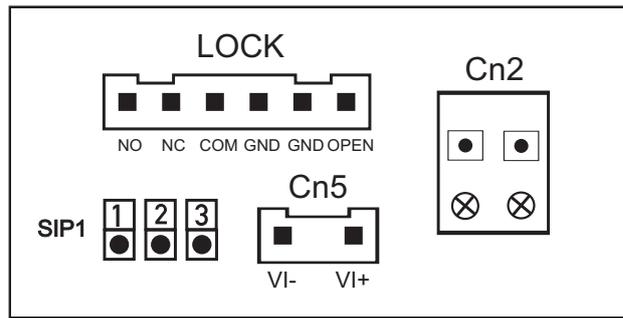
BUS: (L1, L2) non-polarity bus line

CAM: Extra camera connection port

LOCK: Electronic lock connection port

VOL: Volume adjustor

DIP: DIP switches for system configurations.

SIP1: Door lock jumper

Multi door station

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Code=12		Code=11		OFF ON
Code=10		Code=9		
Code=4		Code=3		OFF ON
Code=2		Code=1		

ID=000

85-260AC
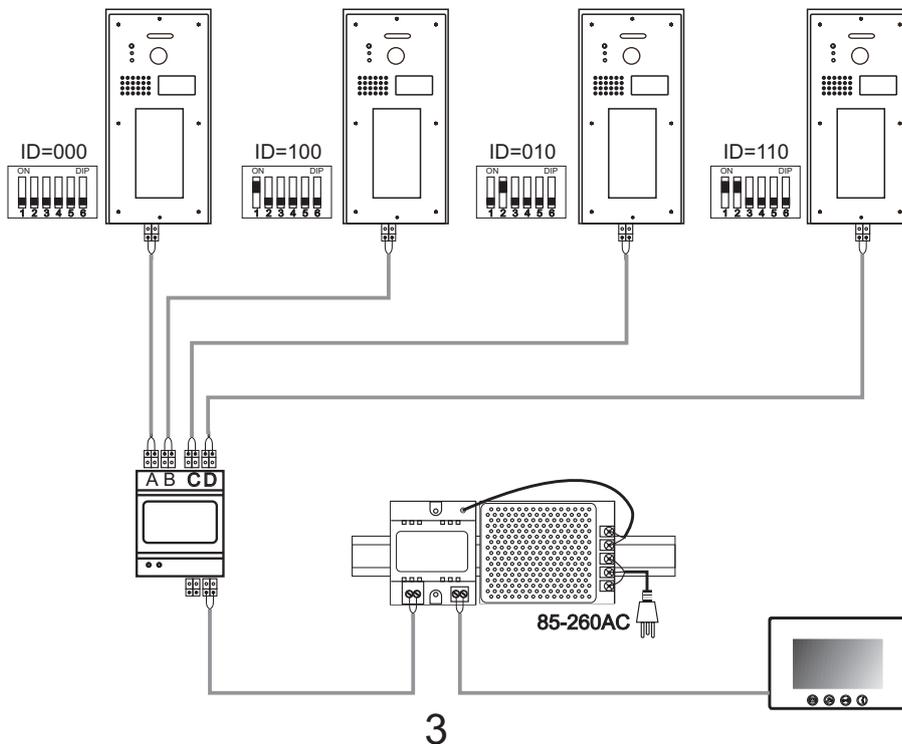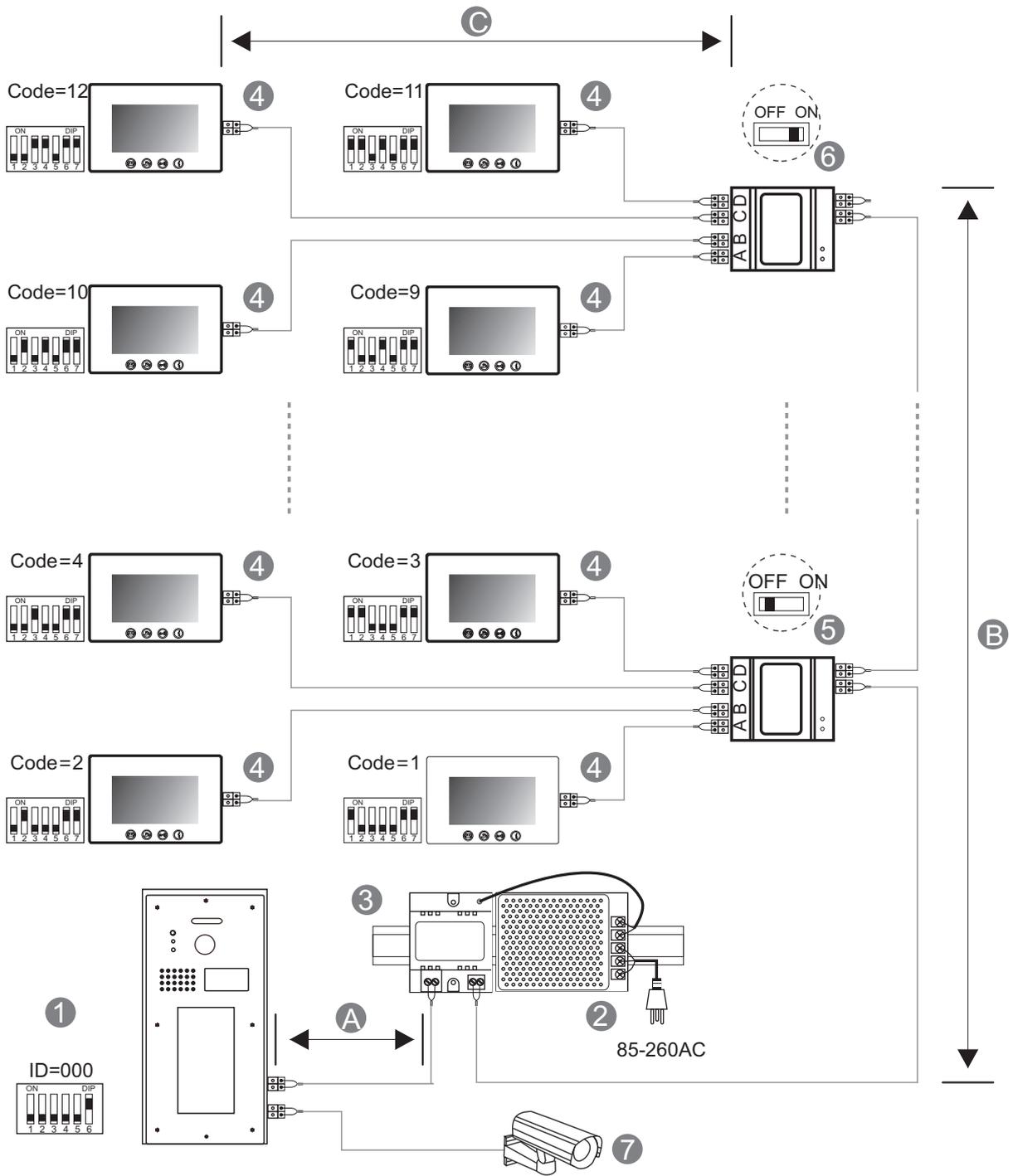
When monitor quantity < 20

Cable Usage	A	B	C
Parallel cable 2x0.75mm^2	60	60	30
Parallel cable 2x1mm^2	80	80	40

When monitor quantity > 20

Cable Usage	A	B	C
Parallel cable 2x1mm^2	60	60	30
Parallel cable 2x1.5mm^2	80	80	40

Operation Screens

Home page is the first page when outdoor station stand-by. When outdoor station standby to start, there is no image show on the screen, you need to click any places of the screen, outdoor station will be activated, home page is the first page after outdoor station activated.

digital call screen (Home page)   name list call screen   searching screen   unlocking screen

Operation Screens

Operation Screens

Home page
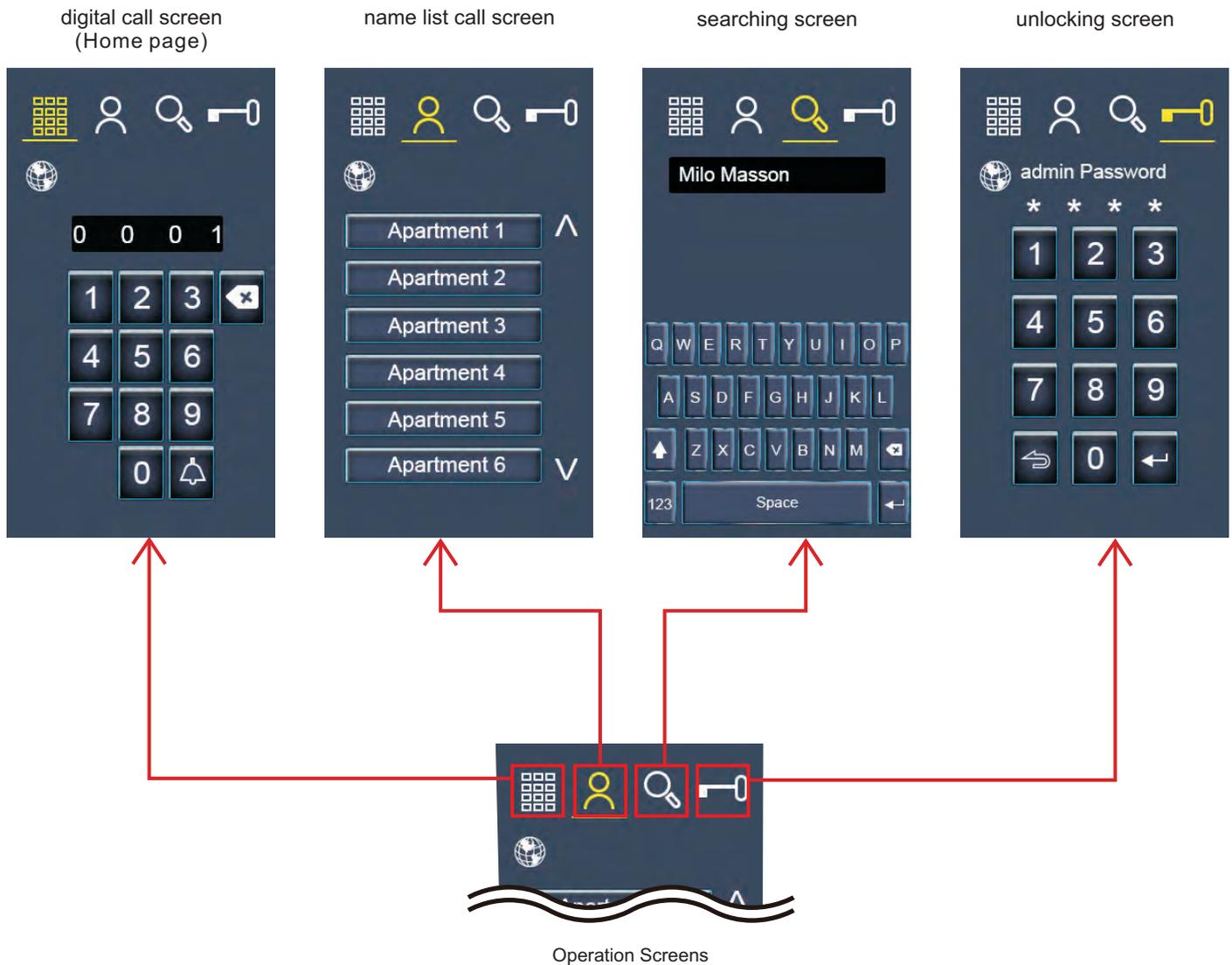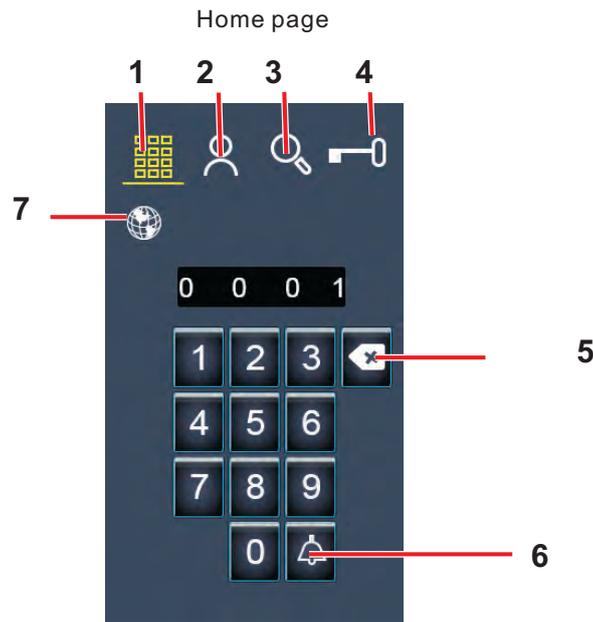
No.	Description
1	Digital call screen
2	Name list call screen
3	Searching screen
4	Unlocking screen
5	Backspace key
6	Calling key
7	Language choice

Communication Screen

The following screen is displayed when calling a person to visit.
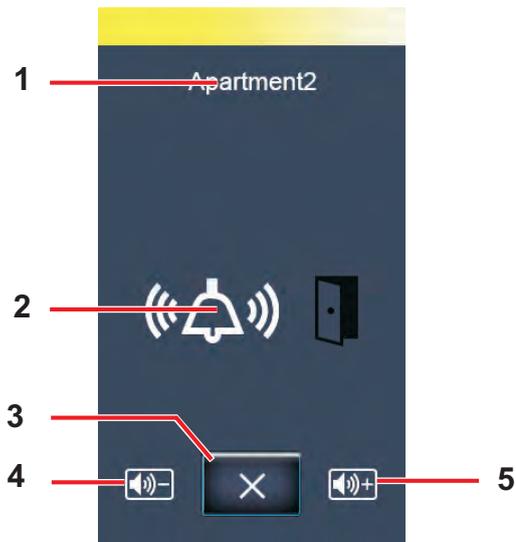
No.	Description
1	Shows the information of the destination station
2	Indicates outgoing call is being made
3	Exit calling
4	Decrease ringtone volume
5	Increase ringtone volume

Communication Screen

After answer the call, talk with indoor monitor
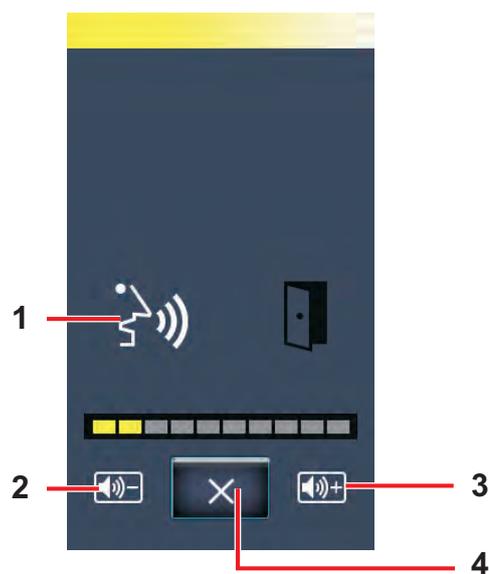
No.	Description
1	Indicates in communication
2	Decrease calling volume
3	Increase calling volume
4	Exit key

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Calling a Person to Visit

Calling using the keypad

1. ***Enter the "Unit Number"***

• Use [⌫] to delete incorrectly entered Unit Numbers.

2. ***Tap*** [🔔]
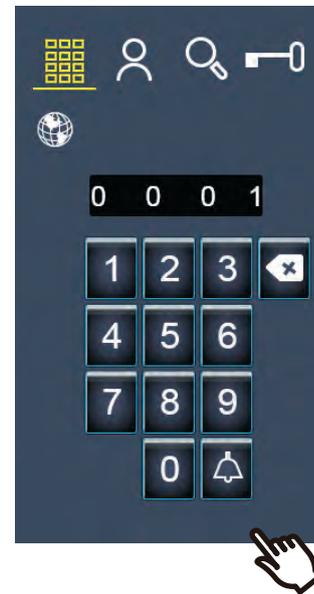
Calling key

3. ***Speak with the other party.***

4. ***Tap*** [×] ***to end communication.***

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Calling using the Direct Call List

1. Tap the name to visit

Page up

Choose calling name list

Page down
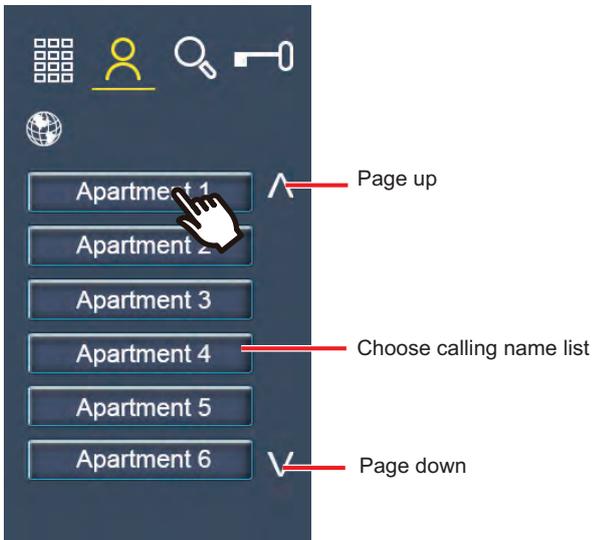
2. Speak with the other party.
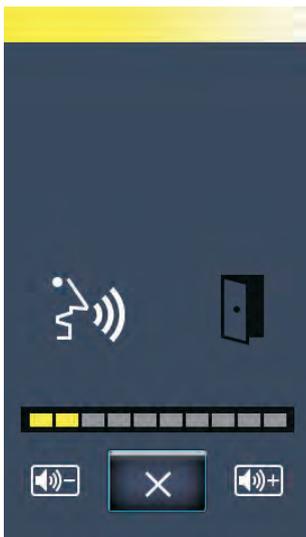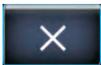
3. Tap ☒ to end communication.

Calling by searching for a name

Use the keyboard to search for a resident by name.
Call and communicate with the person to visit by selecting from the search results.

1. *Enter the resident's name*
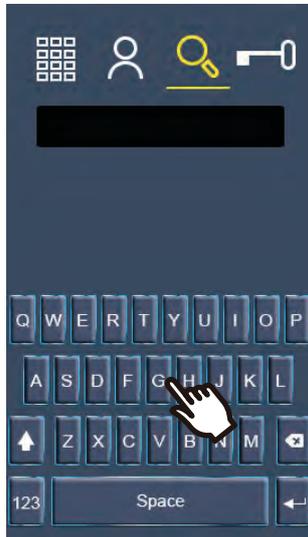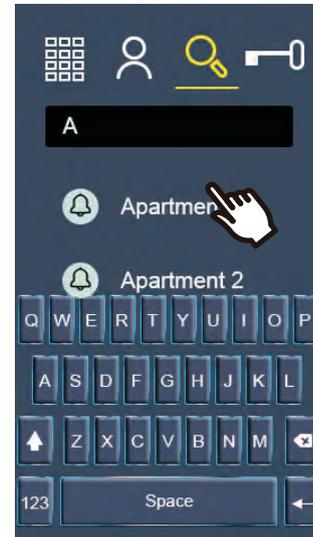
Use [⌫] to delete incorrectly entered name.

2. *Tap the name to visit*

1. *Speak with the other party*
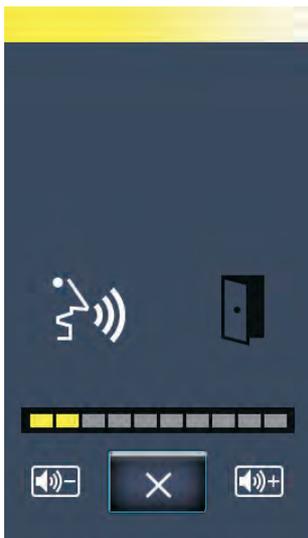
4. *Tap* [✕] *to end communication*

Unlocking the door

Releasing by entering Access Code

An electric lock can be released by entering Access Code using the keypad.

1. *Enter access code.*

> ### Note
>
> The door release duration varies depending on the settings. The door released icon will be displayed for approximately 3 seconds regardless of the set duration. Input 4 bit unlocking password(default 8888)

unlocking interface

Door released icon

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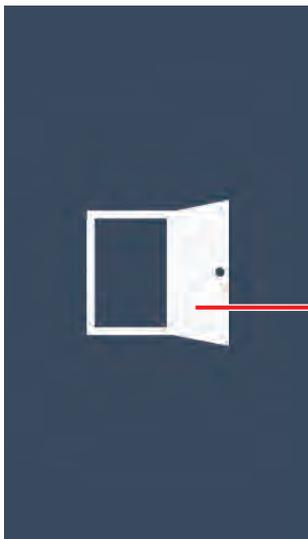
Release the door using access control credentials（**cards**, **tabs**, **tags**, **mobile**）

Door release can be activated by passing an access control credential.

1. *Hold the access control credential*

Card reader

Card reader indicator
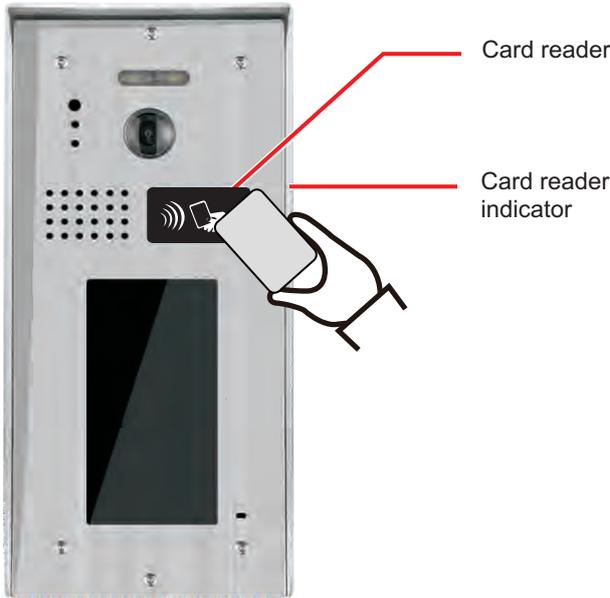
> 💡 **Note**
>
> The door release duration varies depending on the access control system settings. The door released icon will be displayed for approximately 3 seconds regardless of the set duration.
>
> The door released icon may not be displayed.
>
> Access control credentials are registered on the access control system. Refer to the manual of the access control system for details.
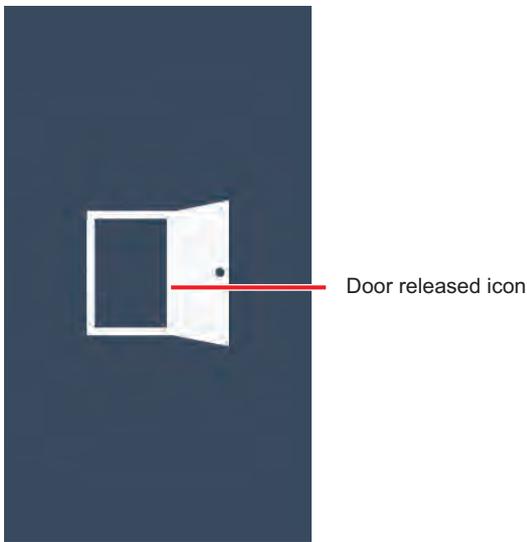
Door released icon

• The unlock tone or audio guidance may play when the door is released.
• The door released icon will be displayed for approximately 3 seconds.
• If the proximity key is authenticated, the Card reader indicator will turn ON (green) for approximately 1 seconds.

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Selecting the Display Language

Visitors may temporarily select a different display language if needed.

1.   *Tap* 🌐 .

2.   *Tap the language to display*

Language choice

- Tap ↩ to return to the previous screen.
The setting will be changed.

Enter system setting screens

Long press screen 2 seconds,
input management password(default 1234)
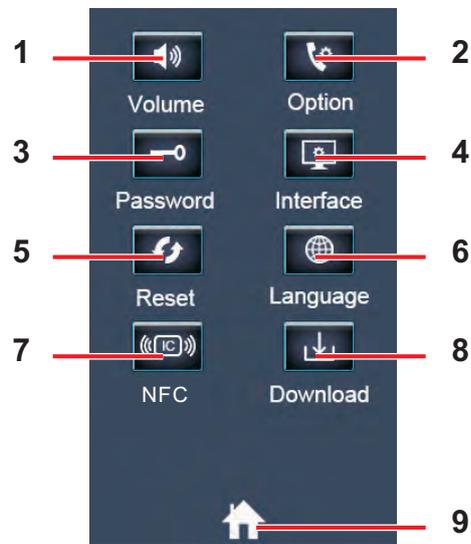
No.	Description
1	Volume Adjustment
2	Function Setting
3	Password Setting
4	Interface Setting
5	Restore To Original Factory Settings
6	Language Setting
7	IC Operation
8	Updata System or Format SD Card
9	Return To Main Interface

Setting screens

1.Volume adjustment screen

Ring-back Tone ⊖ 06 ⊕ —————— Ringtone volume

Speaker Volume ⊖ 02 ⊕ —————— Calling volume

↩ —————— Return key
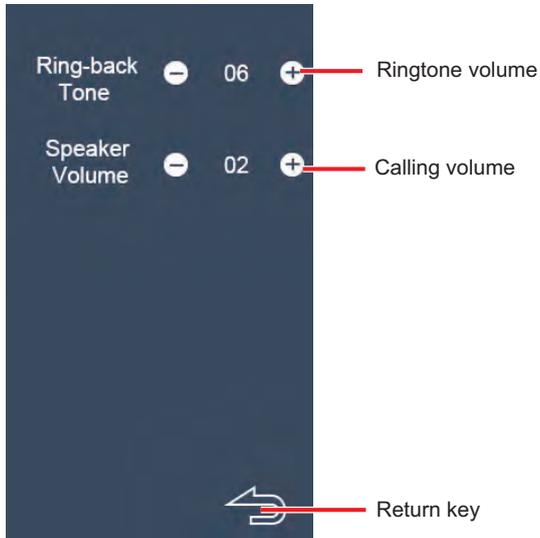
2.Function setting screen

Unlocking time ⊖ 00 ⊕ —————— Unlocking Time(unit: Second)

Door Number ⊖ 01 ⊕ —————— Outdoor Station Address

External Camera Using ▢ —————— External Camera Is Allowed

Editable Phone Book ▢ —————— Calling Name List Modified

↩ —————— Return key

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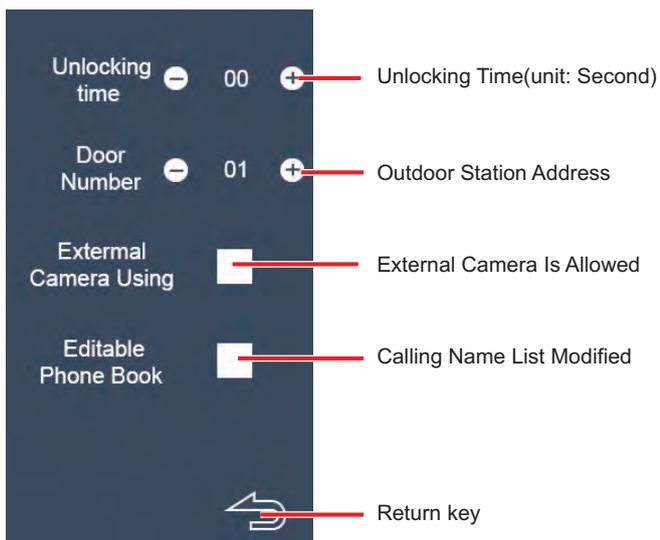
Setting screens

3.Password setting screen

Unlock Password ——— Setting Unlocking Password

Admin Password ——— Setting Management Password

Delete All Password ——— Delete All The Password

——— Return Key

4.Interface setting

Backlight ⊖ 10 ⊕ ——— Background lighting brightness

——— Return key
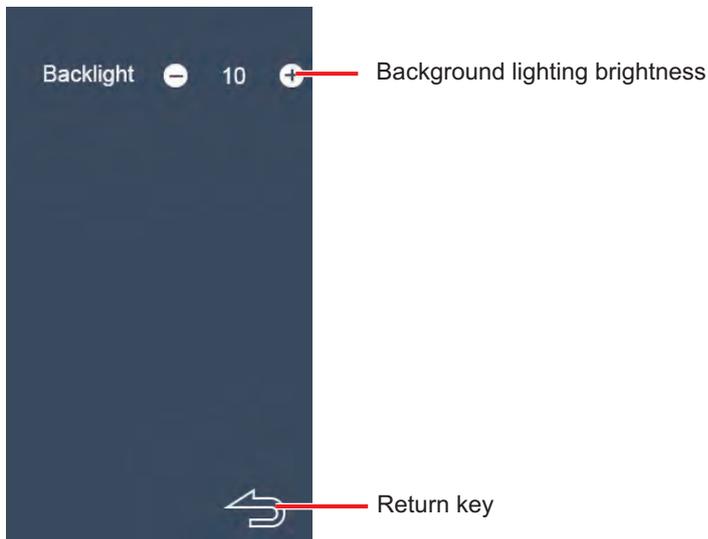
5.Restore to the original factory settings

Input the management password(default 1234), restore to the original factory settings.

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Setting screens

6.Volume adjustment screen

Add Admin Card ——— Add Management Card

Add User Card ——— Add User Card

Delete User Card ——— Delete User Card

Delete All Card ——— Delete All The Cards

——— Return Key
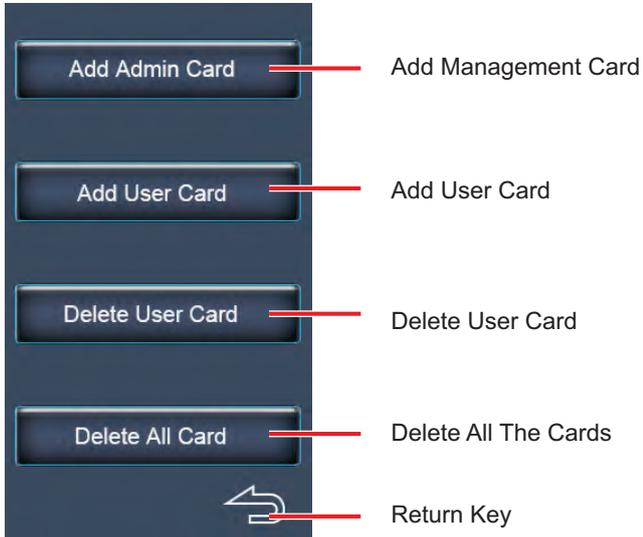
7.Program update

Put the program into SD card, press Download key, update the program.
After finished the update will restart automatically.Press Format SD Card key,format SD card.

8.Error screen troubleshooting

Error screen	Cause	Solution
	The wrong number was entered.	Enter the correct number.

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9.Modify the name in calling name list

Ticking to make the name list can be modified.

Choose the name list you want to modify

Re-input the name, after modified press enter key
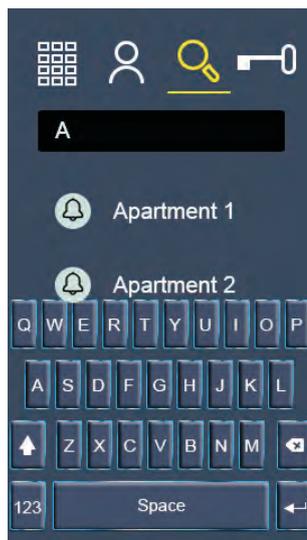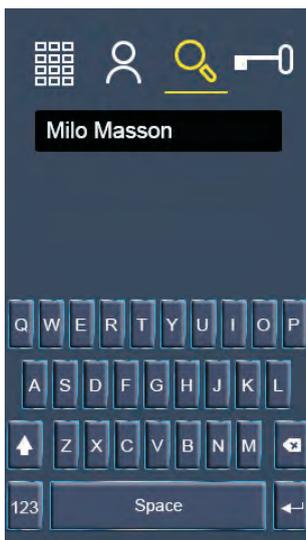
Non-ticking to make the name list can be modified

18
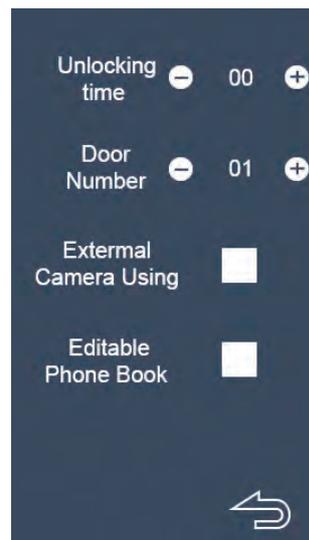
SPECIFICATIONS

Power supply:	DC 24V
Power Consumption:	1W in standby, 5W in working
Unlock Power output:	12Vdc, 250mA
Unlock timing:	0-25s
Working Temperature:	-20℃~+55℃