INDOOR MONITOR

MODEL：

E211

DNAKE

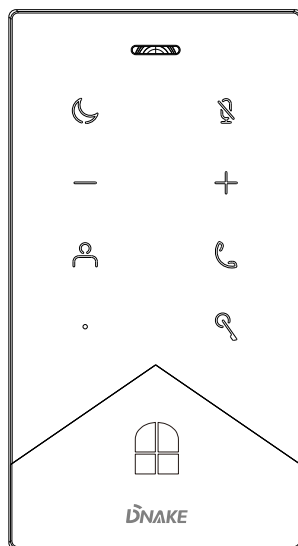**QUICK START GUIDE**

REMARK

Please follow the user manual for correct installation and testing. If there is any doubt please call our tech-supporting and customer center.

Our company applies ourselves to reformation and innovation of our products. No extra notice for any change. The illustration shown here is only for reference. If there is any difference, please take the actual product as the standard.

The product and batteries must be handled separately from household waste. When the product reaches the end of service life and needs to be discarded, please contact the local administrative department and put it in the designated collection points in order to avoid the damage to the environment and human health caused by any disposal. We encourage recycling and reusing the material resources.
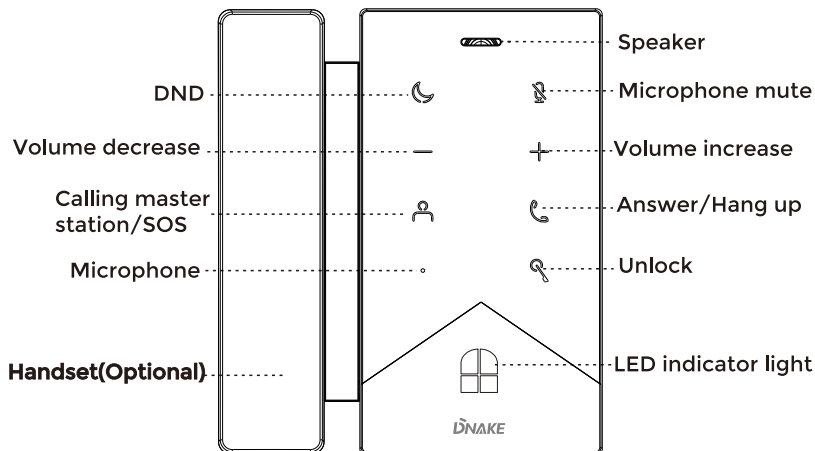
CATALOG

For specific operation instructions, please scan the following QR code to obtain the full version of the User Manual.

PICTURES

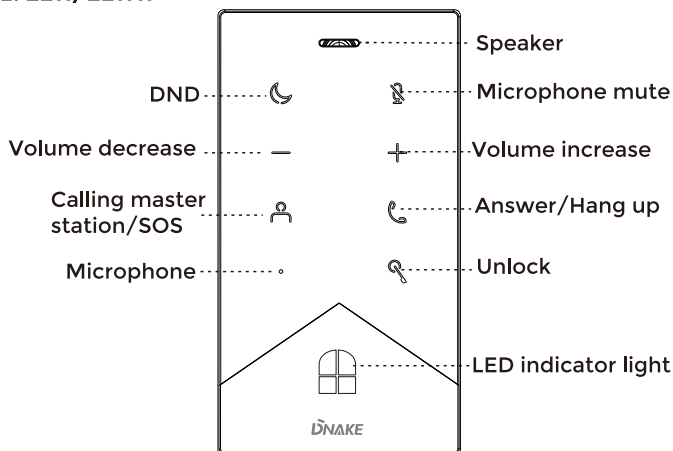**MODEL: E211H/E211A**

DND

Volume decrease

Calling master station/SOS

Microphone

Handset(Optional)

Speaker

Microphone mute

Volume increase

Answer/Hang up

Unlock

LED indicator light

MODEL: E211/E211W

DND

Volume decrease

Calling master station/SOS

Microphone

Speaker

Microphone mute

Volume increase

Answer/Hang up

Unlock

LED indicator light

1. DND ☾ :

Short press to turn on/off do not disturb when on standby and no alarm detected.

(Backlight will keep on when DND is enabled. No calls can call in and DND on the device is only for enabling the whole day or disabling. The duration of DND can only be configured on the web.)

2. Microphone mute 🎤 :

Short press to mute the microphone when talking.
(Backlight will keep on when Mute is enabled. The party on Door Station won't hear anything from Indoor Monitor. Indoor Monitor will be unmuted again after the call is hang up.)

3. Volume decrease — :

a. Short press to lower the system volume when ringing or calling;
(System volume will be decreased gradually after every short press.)
b. Short press to lower the call volume when talking;
(Call volume will be decreased gradually after every short press.)

4. Volume increase + :

a. Short press to increase the system volume when ringing or calling;
(System volume will be increased gradually after every short press.)
b. Short press to increase the call volume when talking;
(Call volume will be increased gradually after every short press.)

5. Call Master Station/SOS 👤：

a. Short press to call Master Station;
(Backlight of Answer/Hang up will flash. Ringback tone can be heard.)
b. Long press 2s to send SOS;
(Backlight will keep on for 2s. SOS can be initiated anytime.)

6. Answer/Hang up 📞 :

a. Short press to answer when ringing;
(Backlight will stop flashing and keep on.)
b. Short press to hang up when talking;
(Backlight will turn from on to off.)
c. Short press to cancel when calling;
(Backlight will stop flashing and turn off.)
d. Short press to call target number when in standby mode (Target number should be added beforehand);
(Backlight will flash. Ringback tone can be heard.)

7. Unlock 🔑 :

a. Short press once within 2s to unlock relay 1 when talking;
b. Short press twice within 2s to unlock relay 2 when talking;
c. Short press three times within 2s to unlock relay 3 when talking;
(Backlight will flash one time after 2s and lock will start to unlock.)
d. Long press 2s to clear the alarm;
(Security alarm will be turn off while confirming alarm.)

8. Volume Increase (+) + Volume Decrease (—):

Long press and hold "+" and "–" simultaneously to switch ringtones. Press "+" or "-" to choose; 4 kinds of ringtones available.
(Both backlights will keep on until you long press and hold them again.)
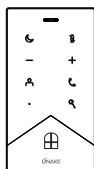
9.Microphone Mute (🎤) + Volume Increase (➕):

Long press and hold " 🎤 " and "+" simultaneously to turn on/off defense.
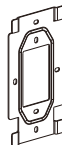(Backlight of LED indicator light below will keep flashing. And Indoor Monitor will make a beep sound.)

PACKAGE CONTENTS

Please make sure the package contains the following items

MODEL: E211/E211W

Indoor Monitor	Bracket	Screw	Diode
Wires	Quick Start Guide		

MODEL: E211H/E211A
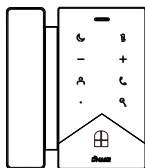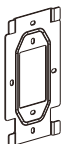
Indoor Monitor	Rear Cover	Screw	Diode
Wires	Handset	Quick Start Guide	

SYSTEM CONFIGURATION

Apartment

Alarm Sensors

Alarm Sensors

E211
9000+ Max

E211

DNAKE
Smart Life APP

DNAKE
Smart Life APP

IP Camera

Lock

Door Station
9 Max

PoE Switch

Internet

Master Station

RVV2*0.5

CAT-5e

SYSTEM DIAGRAM

Siren/Alarm		Network (PoE)

Indoor Monitor

```
Siren/Alarm        Network
  V+      Power     (PoE)
  GND    +12V       [   ]
  AL1     GND
  AL2
  AL3    RS485
  AL4    +12V
  AL5     GND
  AL6    485+
  AL7    485-
  AL8
```

Indoor Monitor

```
REC-
REC+
GND
MIC-
MIC+
GND
IN-DET
HOOK-DET
```
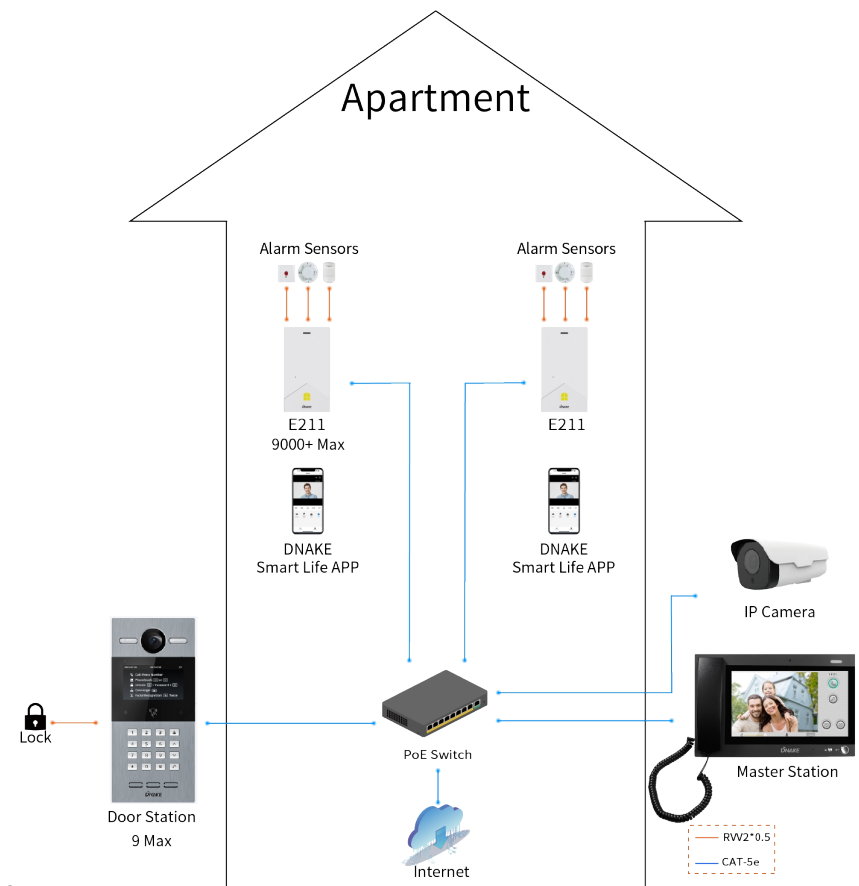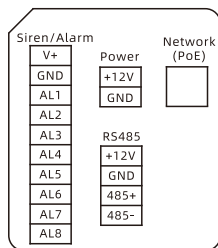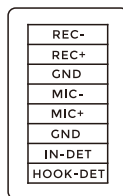
Handset(Optional)

1. Power

Power input interface: connect with 12V power adapter.
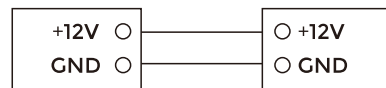
```
+12V  ○ ─────────── ○ +12V
GND   ○ ─────────── ○ GND
```
**Power Interface**   **DC 12V**

2. Network

Connect with outdoor panel, indoor monitor or other network equipment by network switch.

When indoor monitor has PoE function, the interface can supply power by connecting with PoE network switch. If network interface has 12V power supply, pin No. 4 and No. 5 of RJ45 interface should connect with +12V of power interface, and pin No. 7 and 8 should connect with GND of power interface.
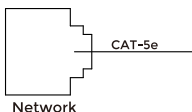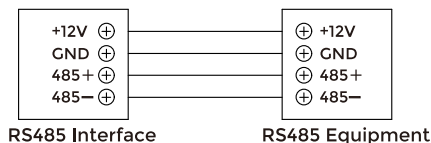
```
         CAT-5e ────────
Network
```

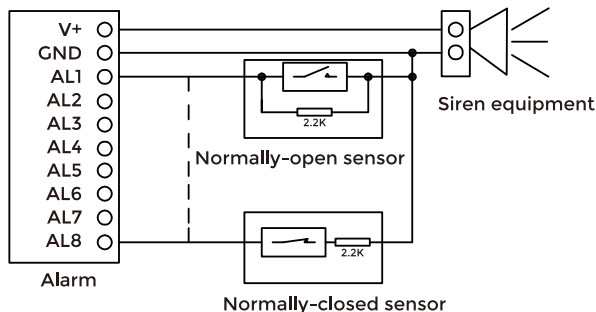### 3. RS485 Interface

Connect with RS485 interface device;

RS485 interface can output 12V/100mA power supply. If RS485 equipment to be connected doesn't require the power supply, no need to connect +12V.

```
+12V  ⊕ ────────── ⊕ +12V
GND   ⊕ ────────── ⊕ GND
485+  ⊕ ────────── ⊕ 485+
485−  ⊕ ────────── ⊕ 485−
```
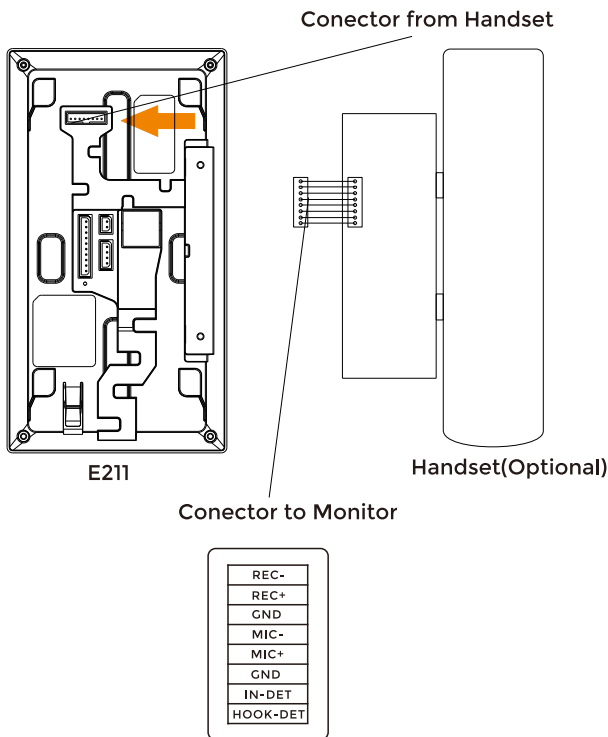RS485 Interface   RS485 Equipment

4. Siren/Alarm interface

Interface of alarm zones connects with normally-open or normally-closed switch.
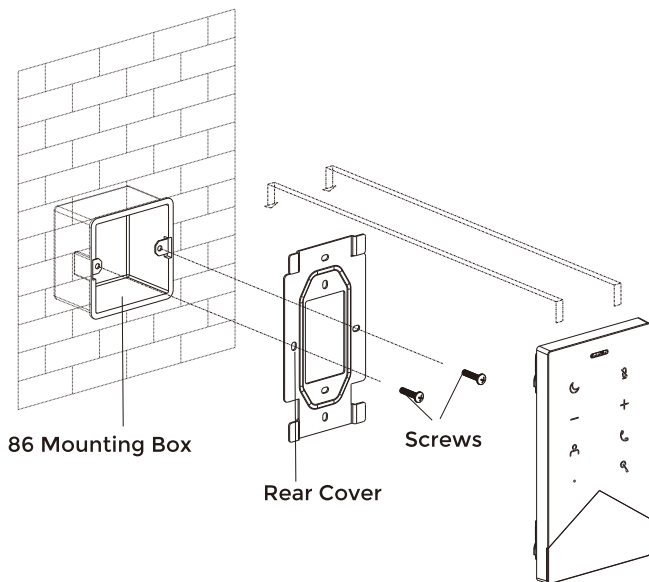When the alarm zone is triggered, it will output 12V/100mA power.

```
V+   ○
GND  ○
AL1  ○          ┌──/──┐        Siren equipment
AL2  ○          │ 2.2K │
AL3  ○      Normally-open sensor
AL4  ○
AL5  ○
AL6  ○          ┌──/── 2.2K ──┐
AL7  ○
AL8  ○
```
Alarm

Normally-closed sensor

5. Handset Interface

Conector from Handset

Conector to Monitor

E211

Handset(Optional)

| REC- |
| REC+ |
| GND |
| MIC- |
| MIC+ |
| GND |
| IN-DET |
| HOOK-DET |

INSTALLATION

MODEL: E211/W211W(Surface Mounting-86 Mounting Box)

86 Mounting Box

Screws

Rear Cover

Product dimension: 100x184x25mm
Surface mounting product dimension: 100x184x28mm

Installation Instructions:

Wall

1450~1550mm

400~500mm
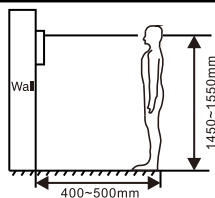
[Suggestion]: The camera should be 1450~
1550mm above the ground. The camera at this
height can capture human face perfectly.

MODEL: E211/W211W(Surface Mounting-118 Mounting Box)

118 Mounting Box

Screws

Rear Cover

Product dimension: 100x184x25mm
Surface mounting product dimension: 100x184x28mm

Installation Instructions:

Wall

1450~1550mm

400~500mm

[Suggestion]: The camera should be 1450~ 1550mm above the ground. The camera at this height can capture human face perfectly.
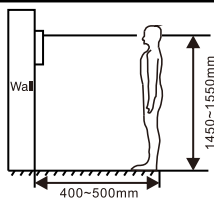
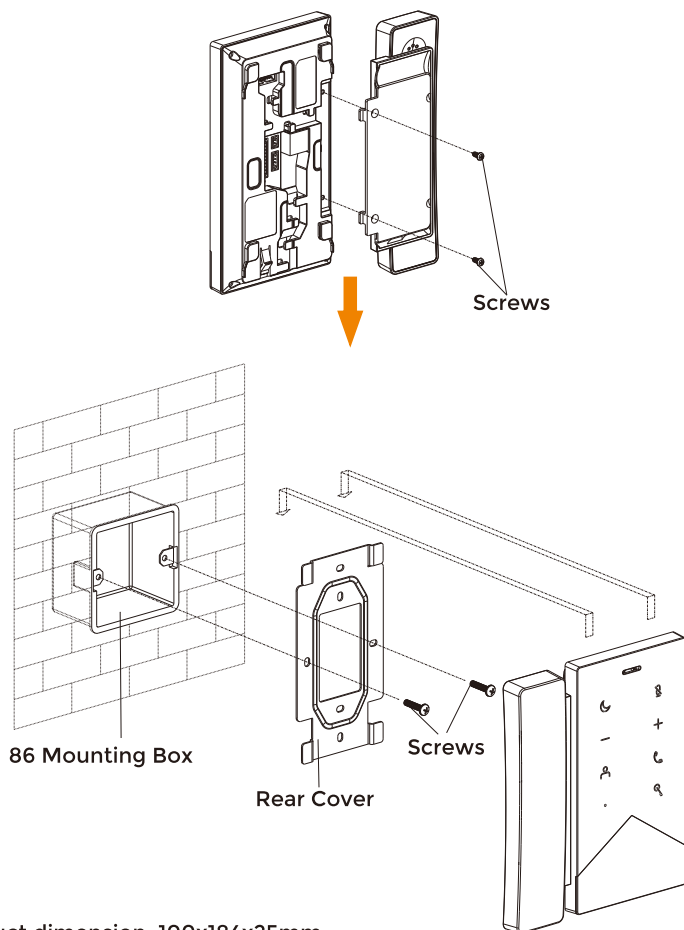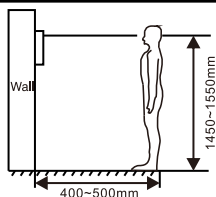**MODEL: E211H/W211A(Surface Mounting-86 Mounting Box)**

Screws

86 Mounting Box

Rear Cover

Screws

Product dimension: 100x184x25mm
Surface mounting product dimension: 100x184x28mm

Installation Instructions：

Wall

1450~1550mm

400~500mm

[Suggestion]：The camera should be 1450～ 1550mm above the ground. The camera at this height can capture human face perfectly.

MODEL: E211H/W211A(Surface Mounting-118 Mounting Box)

Screws

118 Mounting Box
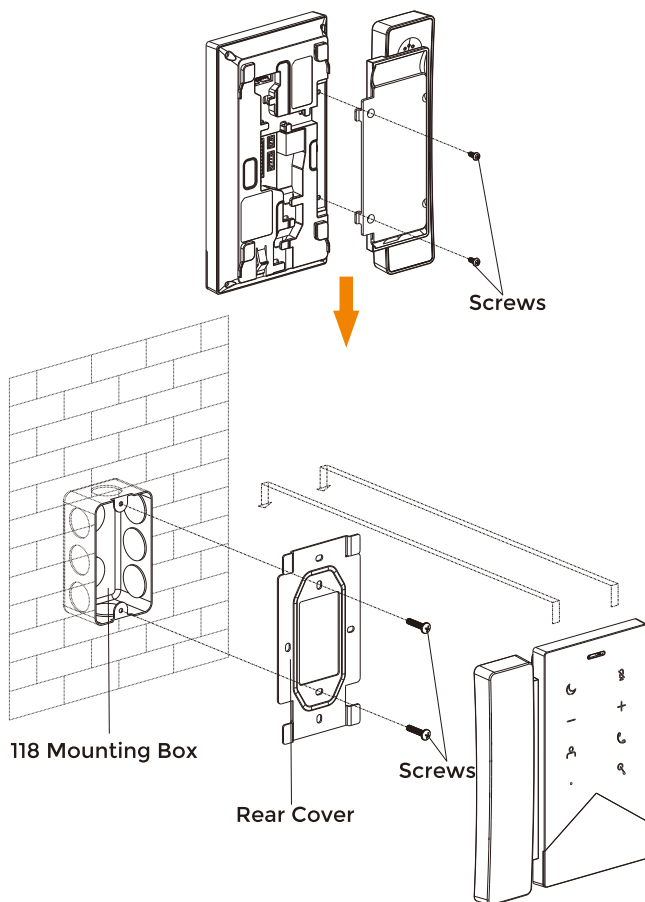
Screws

Rear Cover

Product dimension: 100x184x25mm
Surface mounting product dimension: 100x184x28mm

Installation Instructions：

Wall

1450~1550mm

400~500mm

[Suggestion]：The camera should be 1450~ 1550mm above the ground. The camera at this height can capture human face perfectly.

SAFETY INSTRUCTIONS
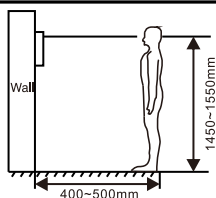
In order to protect you and others from harm or your device from damage, please read the following information before using the device.

Do not install the device in the following places:
■ Do not install the device in high-temperature and moist environment or the area close to magnetic field, such as the electric generator, transformer or magnet.
■ Do not place the device near the heating products such as electric heater or the fluid container.
■ Do not place the device in the sun or near the heat source, which might cause discoloration or deformation of the device.
■ Do not install the device in an unstable position to avoid the property losses or personal injury caused by the falling of device.

Guard against electric shock, fire and explosion:
■ Do not use damaged power cord, plug or loose outlet.
■ Do not touch the power cord with wet hand or unplug the power cord by pulling.
■ Do not bend or damage the power cord.
■ Do not touch the device with wet hand.
■ Do not make the power supply slip or cause the impact.
■ Do not use the power supply without the manufacturer's approval.
■ Do not have the liquids such as water go into the device.

Clean Device Surface
■ Clean the device surfaces with soft cloth dipped in some water, and then rub the surface with dry cloth.

Other Tips
■ In order to prevent damage to the paint layer or the case, please do not expose the device to chemical products, such as the diluent, gasoline, alcohol, insect-resist agents, opacifying agent and insecticide.
■ Do not knock on the device with hard objects.
■ Do not press the screen surface. Overexertion might cause flopover or damage to the device.
■ Please be careful when standing up from the area under the device.
■ Do not disassemble, repair or modify the device at your own discretion.
■ The arbitrary modification is not covered under warranty. When any repair required, please contact the customer service center.
■ If there is abnormal sound, smell or fume in the device, please unplug the power cord immediately and contact the customer service center.
■ When the device isn't used for a long time, the adaptor and memory card can be removed and placed in dry environment.
■ When moving, please hand over the manual to new tenant for proper usage of the device.

EASY & SMART
INTERCOM SOLUTIONS

DNAKE