

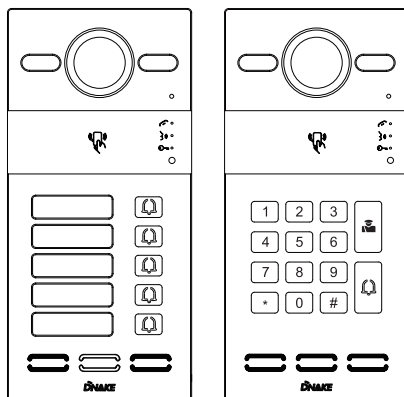


DOOR
STATION

MODEL:

S103M-5
S103K

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

Package Contents	1
Pictures.....	5
Basic Operation	7
System Diagram	8
Device Wiring	9
Installation.....	12
Safety Instructions.....	22
FCC Warning.....	23

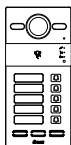
For specific operation instructions, please scan the QR code to obtain the full version of the User Manual.



PACKAGE CONTENTS

Please make sure the package contains the following items:

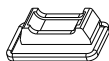
MODEL: S103M-5 (Surface Mounting)



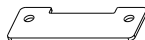
S103M-5



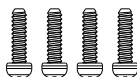
Wiring Cover



Sealing Plug of
Wiring Port



Junction Pressing
Plate



PM2.5x6 (4 pcs)



Rear Cover



Screw Fixing Seat
(2 pcs)



PA4x30(2 pcs)



PM4x20 (2 pcs)



FM3x4.5 (2 pcs)



Wrench Screw



Diode (2 pcs)



Quick Start Guide



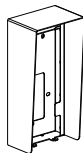
RH01 (Optional)



RH08(Optional)

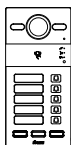


RH09 (Optional)



RH13(Optional)

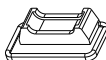
MODEL: S103M-5 (Flush Mounting)



S103M-5



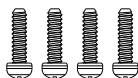
Wiring Cover



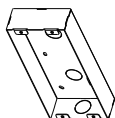
Sealing Plug of
Wiring Port



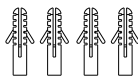
Junction Pressing
Plate



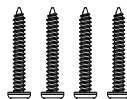
PM2.5x6 (4 pcs)



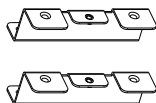
Flush Mounting
Box



Screw Fixing Seat
(4 pcs)



PA4x30(4 pcs)



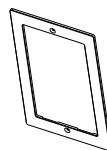
Mounting Bracket
(2 pcs)



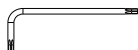
FM3x20 (4 pcs)



PM3x8 (2 pcs)



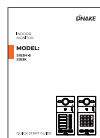
Decorative Panel



Wrench Screw



Diode (2 pcs)

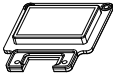


Quick Start Guide

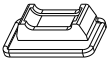
MODEL: S103K (Surface Mounting)



S103K



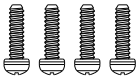
Wiring Cover



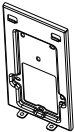
Sealing Plug of
Wiring Port



Junction Pressing
Plate



PM2.5×6 (4 pcs)



Rear Cover



Screw Fixing Seat
(2 pcs)



PA4×30(2 pcs)



PM4×20 (2 pcs)



FM3×4.5 (2 pcs)



Wrench Screw



Diode (2 pcs)



Quick Start Guide



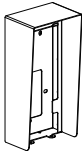
RH01 (Optional)



RH08(Optional)



RH09 (Optional)



RH13(Optional)

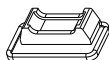
MODEL: S103K (Flush Mounting)



S103K



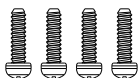
Wiring Cover



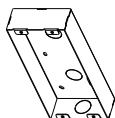
Sealing Plug of
Wiring Port



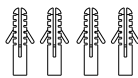
Junction Pressing
Plate



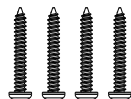
PM2.5x6 (4 pcs)



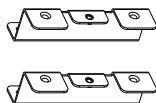
Flush Mounting
Box



Screw Fixing Seat
(4 pcs)



PA4x30(4 pcs)



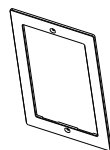
Mounting Bracket
(2 pcs)



FM3x20 (4 pcs)



PM3x8 (2 pcs)



Decorative Panel



Wrench Screw



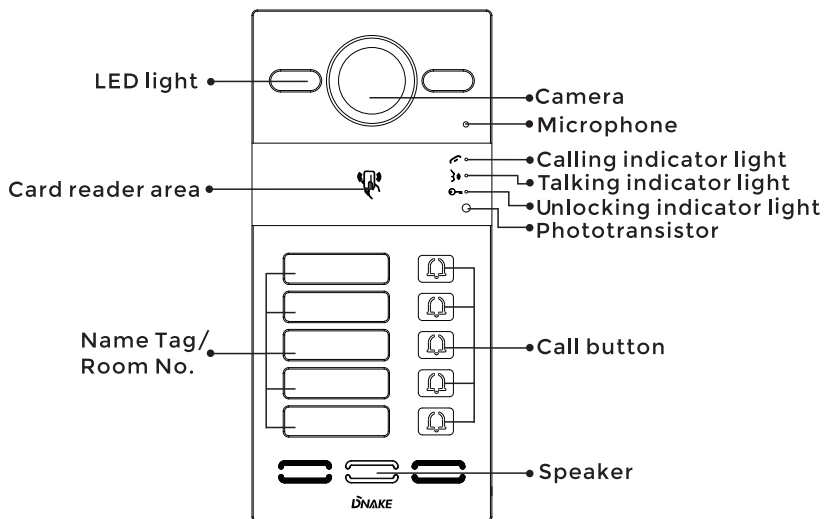
Diode (2 pcs)



Quick Start Guide

PICTURES

MODEL: S103M-5



Note:

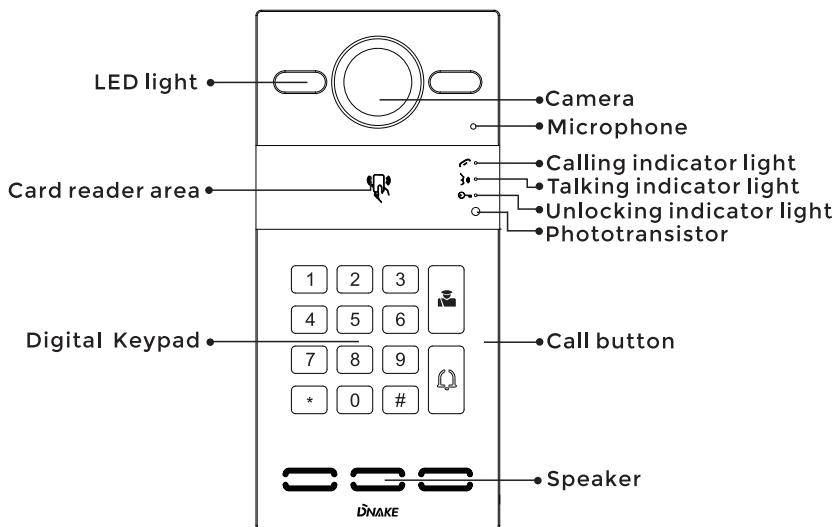
Calling indicator light: The 1st indicator light will activate if the call button is pressed.

Talking indicator light: The 2nd indicator light will activate if the call is picked up or the Door Station is being actively monitored.

Unlocking indicator light: The 3rd indicator light activates for 3 seconds when the door is unlocked.

Lock Control: 2 (1 Relay Out, 1 Electronic Lock).

MODEL: S103K



Note:

Calling indicator light: The 1st indicator light will activate if the call button is pressed.

Talking indicator light: The 2nd indicator light will activate if the call is picked up or the Door Station is being actively monitored.

Unlocking indicator light: The 3rd indicator light activates for 3 seconds when the door is unlocked.

Lock Control: 2 (1 Relay Out, 1 Electronic Lock).

BASIC OPERATION

1. Call Indoor Monitor

In standby mode, press the call button on door station to call indoor monitor. During the call, press the call button on door station again to end the call. If the call fails or indoor monitor is busy, door station will emit a beep.

2. Add Cards by Admin Card

2.1. Add other cards

Step 1: Tap the admin card once;

Step 2: And then tap other cards immediately. Other cards you have tapped can be used to open the door;

Step 3: Tap the admin card again to finish.

2.2. Delete other cards one by one

Step 1: Tap the admin card twice;

Step 2: And then tap other cards immediately. Other cards you have tapped will be deleted;

Step 3: Tap the admin card again to finish.

2.3. Delete all other cards

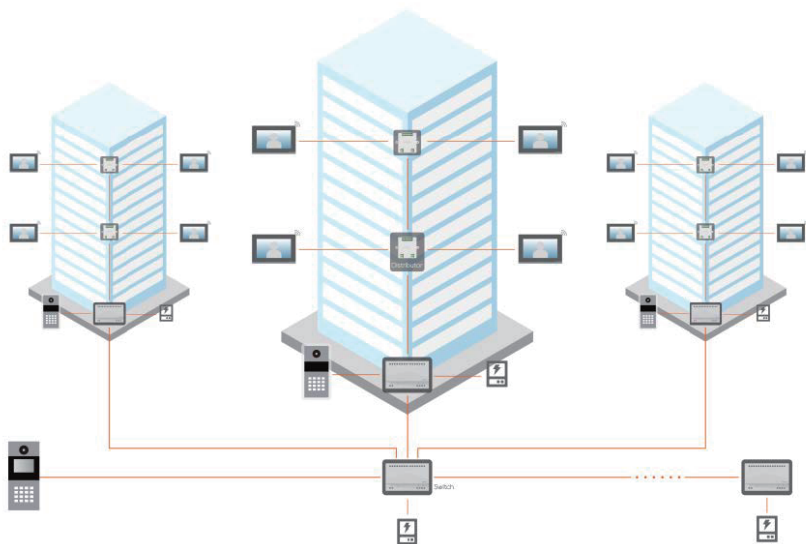
Tap the admin card five times. All the other cards will be deleted.

Tips: The admin card can only be used to manage cards. It cannot be used to open the door.

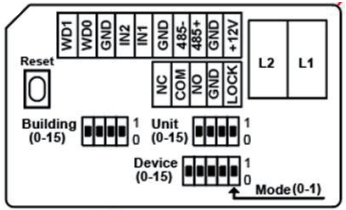
3. Unlock by PIN Code(for S103K)

In a standby mode, press # button and enter the Password (default is 0000). Then press # button to confirm. If the password is correct, the door will be unlocked; If not, it will make a dattering sound.

SYSTEM DIAGRAM



DEVICE WIRING



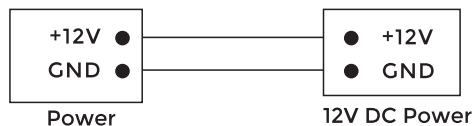
1. Dip Switches Configuration

For the S103M-5/S103K, the Building Number, Unit Number, and Device Number can be configured using the DIP switches located on the back of the device. The DIP switch configuration uses binary encoding.

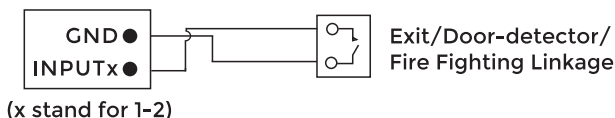
Building (0-15) 1 0	Building (0-15)		Used to configure the building information of the device.
Unit (0-15) 1 0	Unit (0-15)		Used to configure the unit information of the device
Device (0-15) 1 0	Device (0-15)		Used to configure the device information of the device
	Mode (0-1)	No. = 0	The device is configured to operate in Door Station Mode.
		No. = 1	The device is configured to operate in Gate Station Mode.

2. Power

The power interface of Door Station connects to 12V DC power.



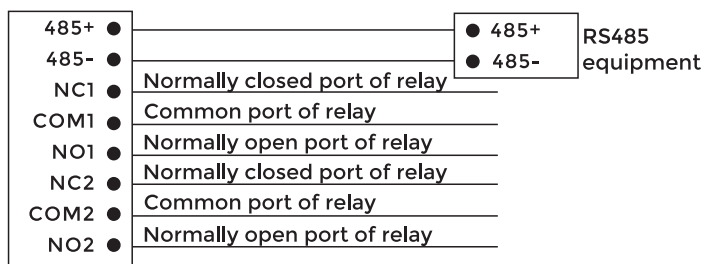
3. Exit/Door-detector/Fire Fighting Linkage



4. RS485/Switching Value Output

Enable to connect equipment with RS485 interface.

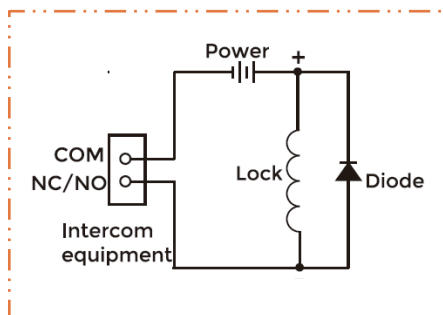
Connect to the lock module (an independent power supply is necessary for the lock).



RS485/Switching Value Output

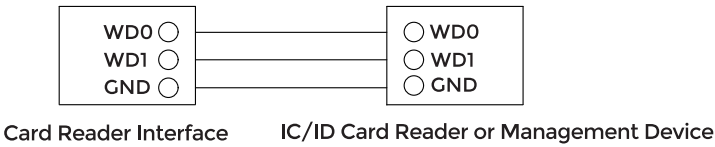
⚠ Warning!

1. When connecting to an inductive load device such as a relay or electromagnetic lock, you are recommended to use a diode 1A/400V (included in the accessories) in anti-parallel with the load device to absorb inductive load voltage peaks. The intercom will be better protected in this way.
2. The load current of the relay cannot be greater than 2A. See attached picture for more details.



5. Card Reader Interface

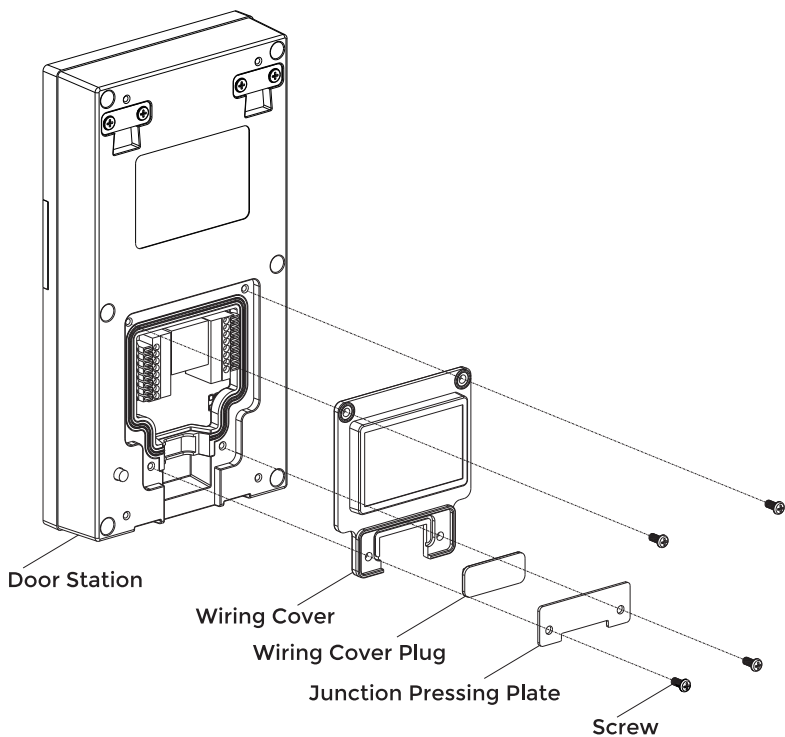
The interface can be connected to one IC/ID card reader or be used for reading the information of built-in card reader.



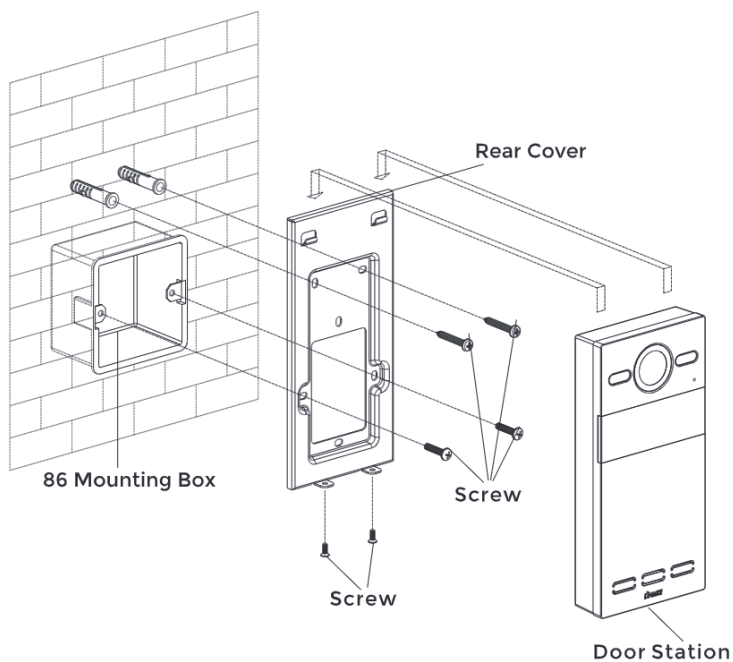
Note: Door Station can only be connected to one card reader or management device at a time.

INSTALLATION

MODEL: S103M-5/S103K(Installation of Wiring Cover)

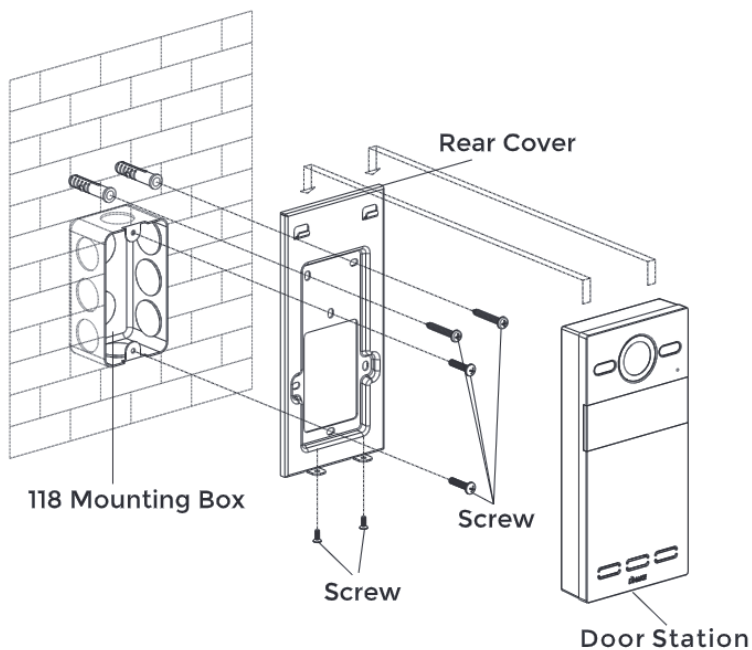


Surface Mounting-86 Mounting Box



Product size: 88 × 188 × 32.5 mm
Surface Mounting size 88 × 188 × 34 mm

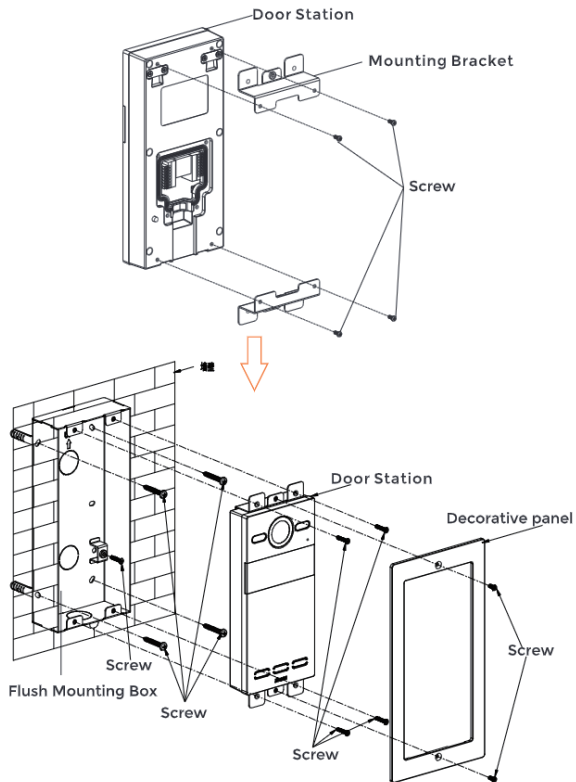
Surface Mounting-118 Mounting Box



Product size: 88 × 188 × 32.5 mm

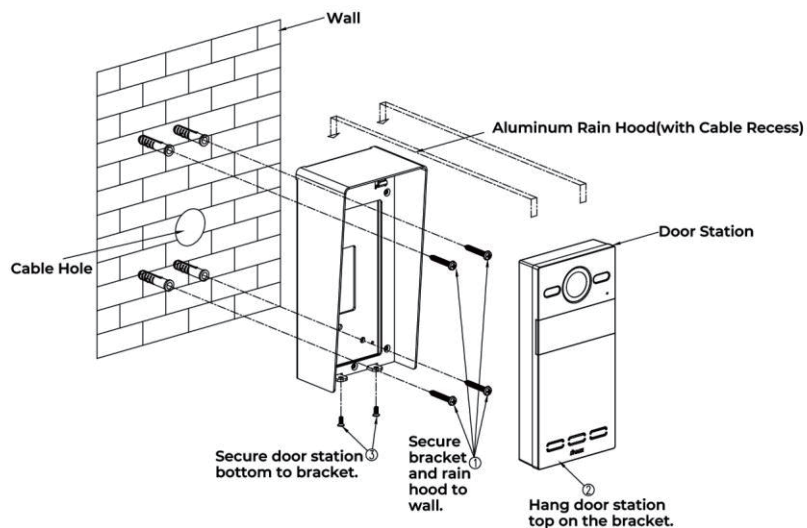
Surface Mounting size 88 × 188 × 34 mm

Flush Mounting



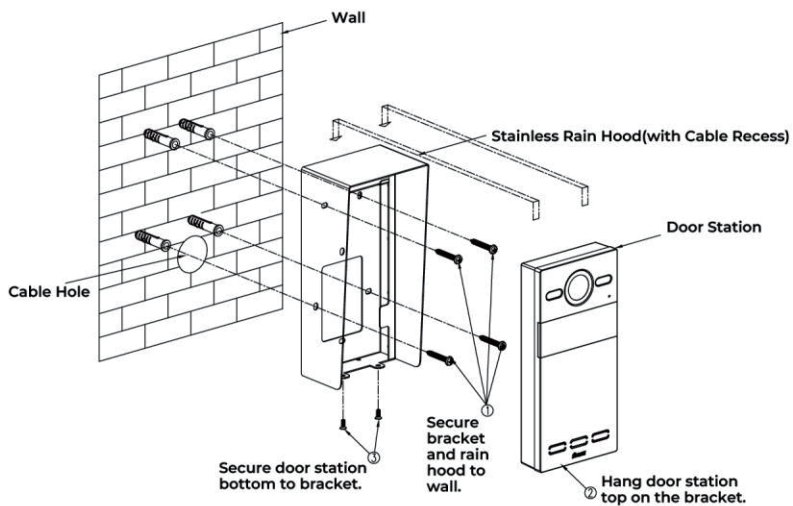
Product size: 88 × 188 × 32.5 mm
Flush Mounting size 120 × 230 × 48 mm
Hole-cutting size: 98 × 219 × 42 mm

Surface Mounting *Aluminum Rain Hood(with Cable Recess) RH09



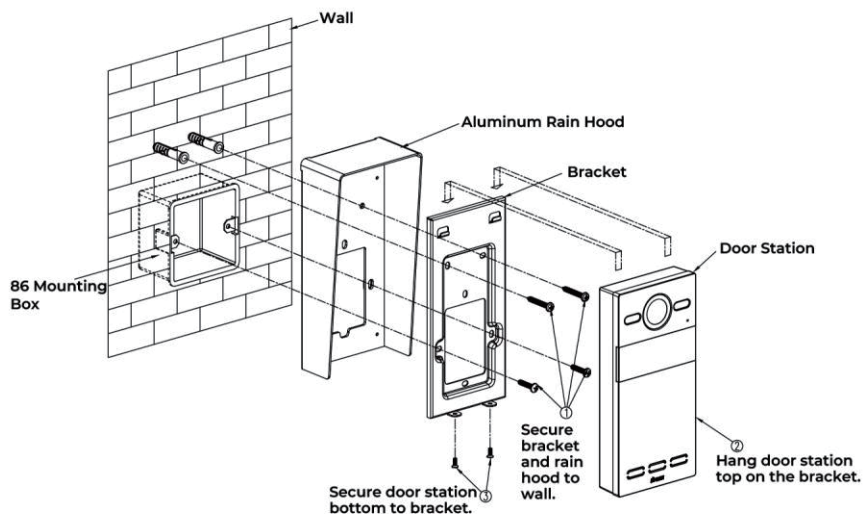
Product size: 88 × 188 × 32.5 mm
Surface Mounting size 194 × 94 × 66 mm

Surface Mounting *Stainless Rain Hood(with Cable Recess) RH13



Product size: 88 × 188 × 32.5 mm
Surface Mounting size 193 × 89 × 64.5 mm

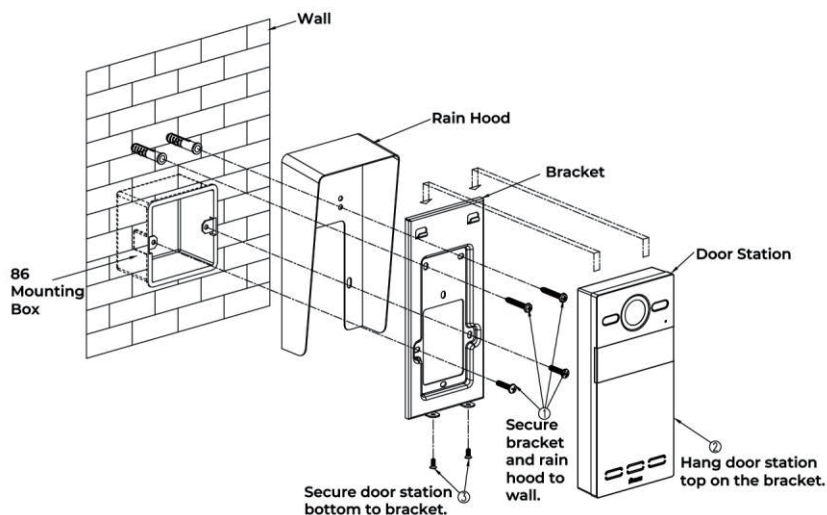
Surface Mounting-86 Mounting Box *Aluminum Rain Hood RH08



Product size: 88 × 188 × 32.5 mm

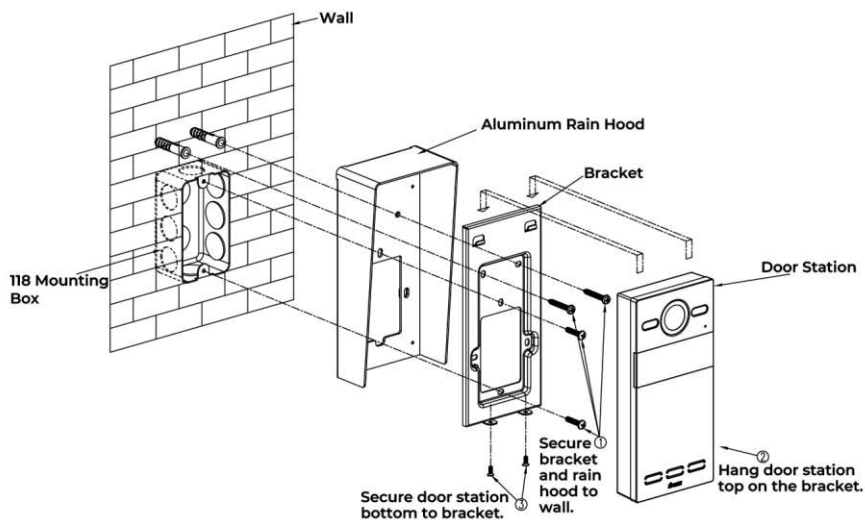
Surface Mounting size 193.5 x 94 x 53 mm

Surface Mounting-86 Mounting Box *Stainless Rain Hood RH01



Product size: 88 × 188 × 32.5 mm
Surface Mounting size 179 x 92.8 x 50.5 mm

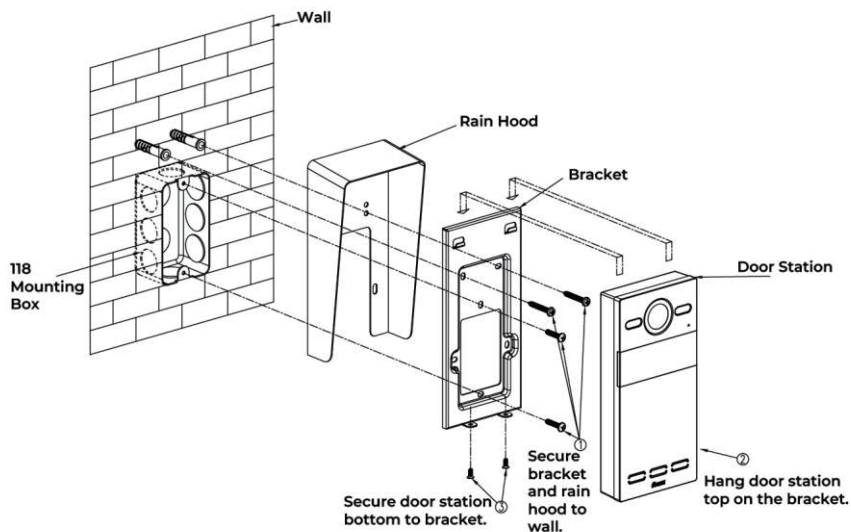
Surface Mounting-118 Mounting Box *Aluminum Rain Hood RH08



Product size: 88 × 188 × 32.5 mm

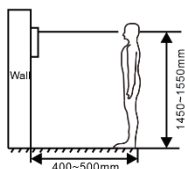
Surface Mounting size 193.5 × 94 × 53 mm

Surface Mounting-118 Mounting Box *Stainless Rain Hood RH01



Product size: 88 × 188 × 32.5 mm
Surface Mounting size 179 × 92.8 × 50.5 mm

Tips:



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.

FCC WARNING

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF exposure statement

This equipment complies with the FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

EASY & SMART INTERCOM SOLUTIONS