

DS-KV8103Y-IMPE2

Video Intercom Two-Wire Villa Door Station



UD33350B

Diagram References

Appearance

- 1

Microphone
- 2

Calling Indicator
- 3

Speaking Indicator
- 4

Open Door Indicator
- 5

Built-in Camera
- 6

Supplement Light
- 7

Loudspeaker
- 8

TAMPER
- 9

Call Button

1 Terminals

- A1

NC1 : Normally Close
- A7

AIN2 : Alarm Input 2
- A2

NO1 : Normally Open
- A8

AIN1 : Alarm Input 1
- A3

COM : Common Interface
- A9

12V OUT : Power Output for Lock
- A4

NC2 : Normally Close
- A10

GND : Grounding
- A5

NO2 : Normally Open
- A11

2-WIRE: Wire to Indoor Station
- A6

GND : Grounding

2 Installation

The door station supports surface mounting and flush mounting.
You are required to use the protective shield for surface mounting.
You are required to use the mounting box for flush mounting.
The dimension of the protective shield and mounting box is showed in part 2.1.

Before you begin:

1. Make sure the device in the package is in good condition and all the assembly parts are included.
2. Make sure all the related equipment is power-off during the installation.
3. Check the product specification for the installation environment.
4. Connect cables to the door station before mounting.

★Surface Mounting with Protective Shield

1. Secure the protective shield to the wall with 4 screws (KA-4X22-SUS) .
2. Use the wrench to secure the door station to the protective shield with 4 screws (KM3X37) .

★Flush Mounting with Mounting Box

1. Cave the installation hole, and pull the cable out.
2. Insert the mounting box into the hole with 4 screws.
3. Install the door station into the mounting box, and fix it with 4 screws.

3 Getting Started

Wire the door station to the indoor station with 2-wire cables.
You can activate the door station by indoor station.
Set the open duration and other parameters by indoor station.
Refers to the Indoor Station User Manual for details.
The application of the device is shown.

4 Video Intercom Operation

You can call the resident by pressing the call button.

1. Press the call button of the door station.
2. The resident can receive/decline the video call, unlock the door, etc.

Note:

- When the video intercom between you and the resident is realized, you can speak to the resident, and the live view of door station will be displayed on the connected indoor station.
- When the door station is calling the resident, the door station will detect the brightness of video automatically. When the brightness is lower than the expected threshold, the supplement light will be enabled.
- When the supplement light is enabled, the backlight of key will be auto-enabled, otherwise, the door station will detect the brightness of live view and enable the backlight of key when the brightness of live view is lower than expected threshold.

5 Installation Positions

Recommended Installation Height (The distance between the camera and the ground):
1.4 m to 1.6 m
The FOV of the camera is : Horizontal: 140°, Vertical: 85°.
The highest visual height and lowest visual height of the camera is shown in the picture.

Refers to Video Intercom Villa Door Station User Manual (scan the QR code) for details.



Quick Start Flow Chart

1 Terminals

Terminals and terminal description.



2 Installation

2.1 Mounting accessories.
2.2 Installation of the device: Surface mounting and flush mounting.



3 Getting Started

What you should do to get started.



4 Operation

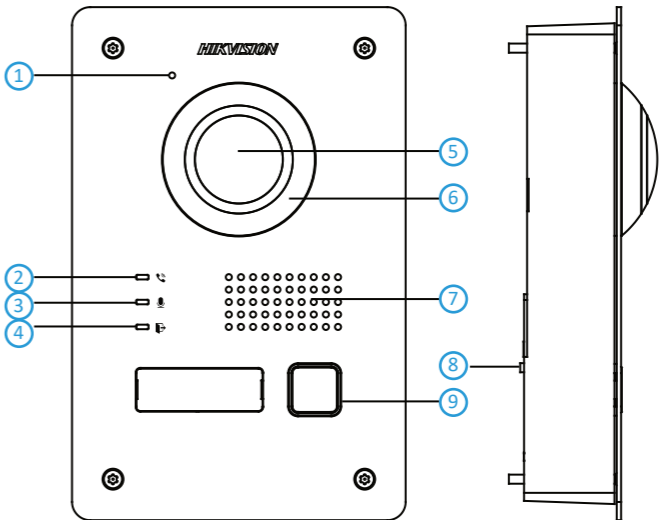
Quick Operation of the device.



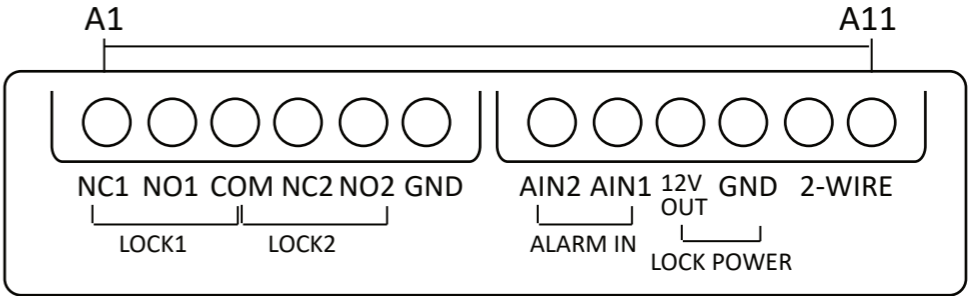
5 Installation Position

5.1 Recommended installation height.
5.2 FOV and visual height of the camera.

Appearance

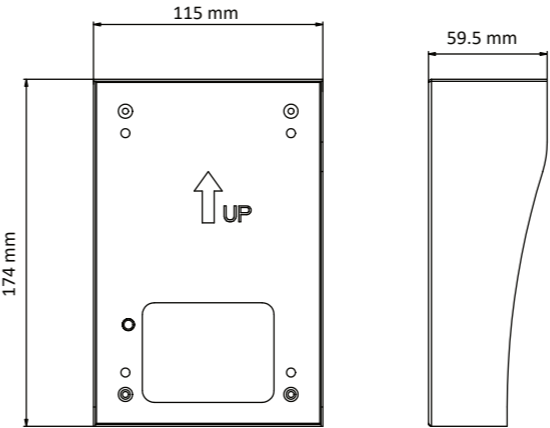


1

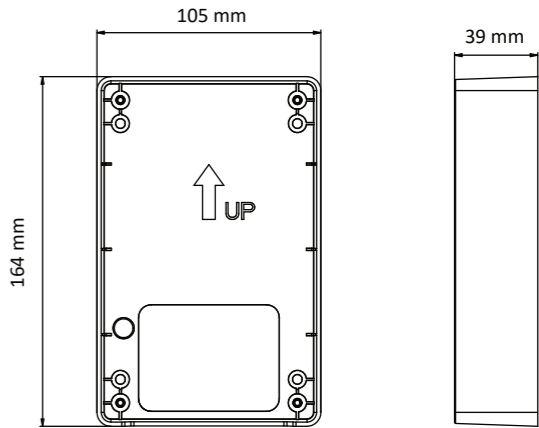


2.1

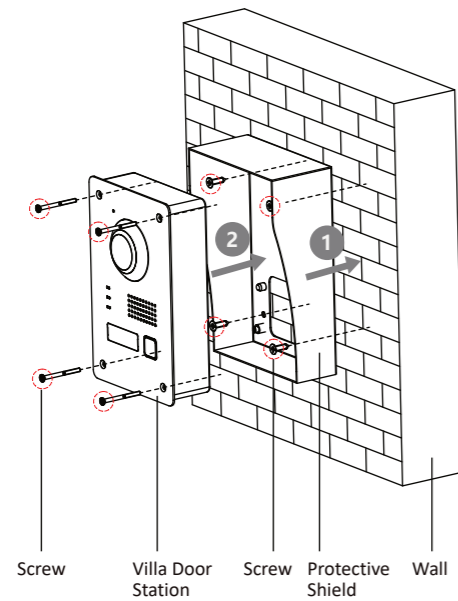
Protective Shield



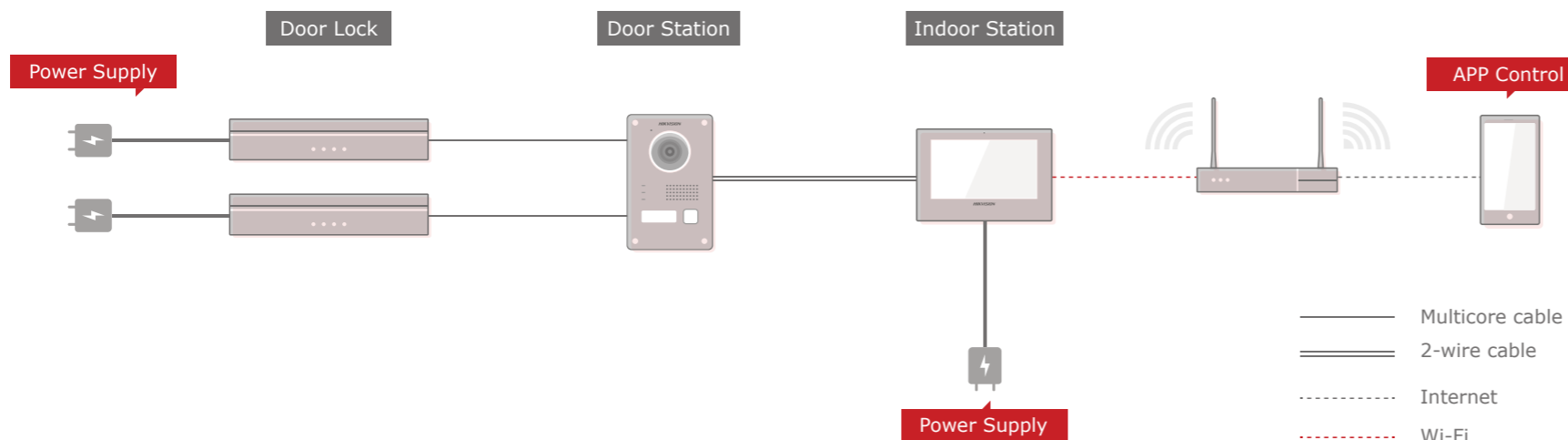
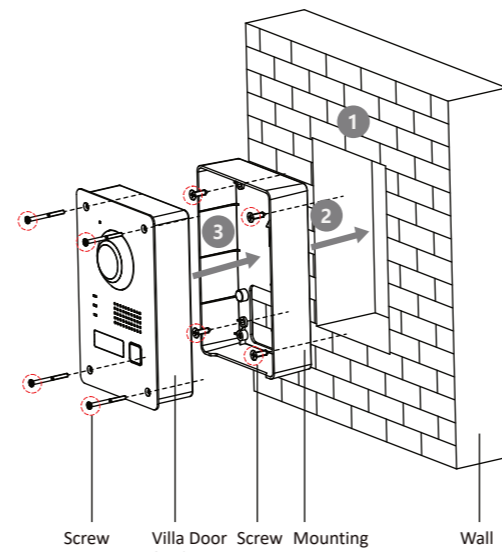
Mounting Box



★ Surface Mounting



★ Flush Mounting



Recommended Installation Height (The distance between the camera and the ground): 1.4 m to 1.6 m

