

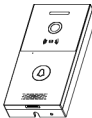
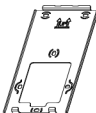
DH-H90 series quick guide

1 | Preface

PREFACE

Please prepare the corresponding accessories according to the installation method before installation.

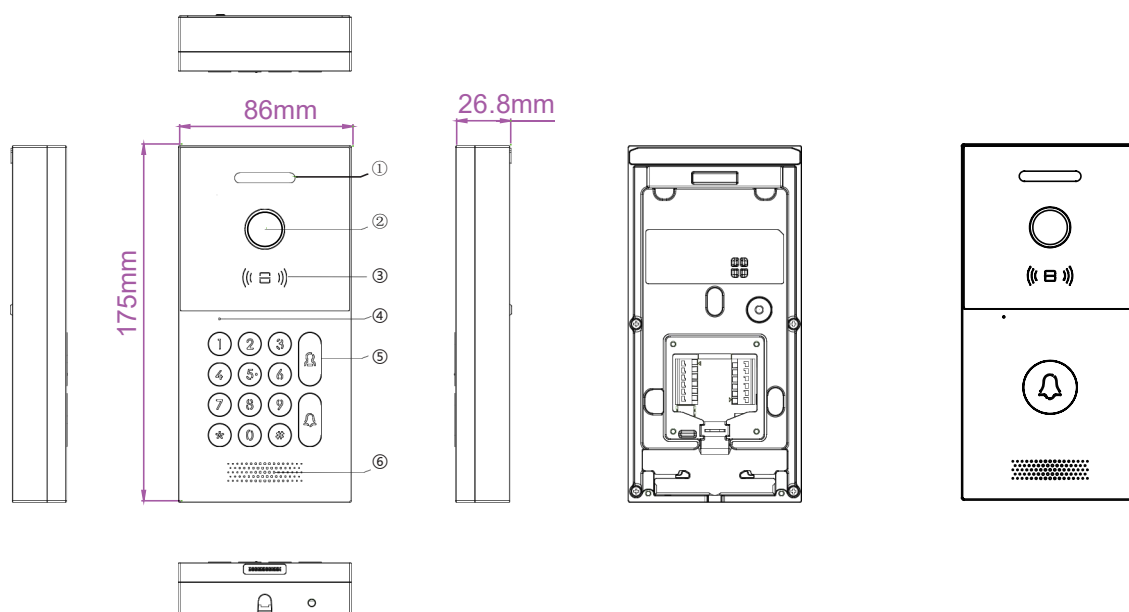
() List in the host packaging box

Main engine  or  DH-H90K DH-H90S ×1	Wall-Mounting Bracket  ×1	Wiring Cover Plate  ×1	Hexagon Spanner  ×1	Screws (M4X10.5)   ×1	
Screws (M4X30)  ×2	Screws (ST4X20)  ×4	Expansion pipe  ×4	Screws (M4X10)  ×4	Lanyard  ×1	Compression seal gasket   ×2

★ Note: Please select accessories according to the actual installation method, and pack the accessories separately from the host.

2 | PRODUCT OVERVIEW

PRODUCT OVERVIEW



- | | | | |
|--------------|-----------|-------------------|--------------|
| ① Fill light | ② Camera | ③ Card swipe area | ④ Microphone |
| ⑤ Button | ⑥ Speaker | | |

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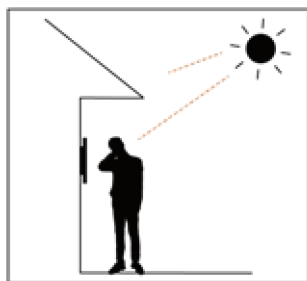
3 | INSTALLATION ENVIRONMENT

INSTALLATION ENVIRONMENT

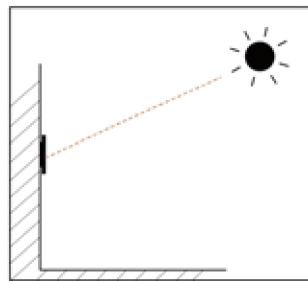
The device can be installed in an outdoor or indoor environment. The following points should be noted:

Outdoor installation: Avoid exposing the equipment to direct sunlight, high temperature will cause damage to the equipment and components.

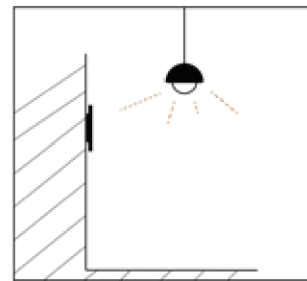
Indoor installation: The equipment should be installed 2 meters away from the light source and 3 meters away from doors or Windows.



✗ be in a poor light



✗ vertical incident solar rays



✗ Get close to the light

4 | INSTALLATION

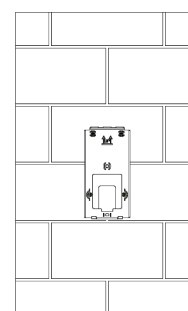
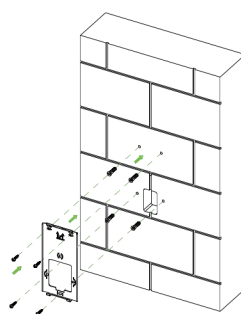
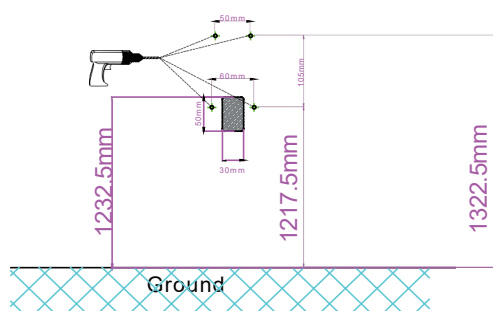
INSTALLATION

In-wall installation

Step1

1♦No pre-installed back box

- ①At the shaded areas (wall outlet locations), chisel a 30 mm × 50 mm × 30 mm deep rectangular recess. Drill four 5 mm holes, 30 mm deep, at the positions shown.
- ②Drive the four plastic anchors into the holes; fix the wall bracket with four ST4×20 cross-recess countersunk self-tapping screws. Route all required cables through the bracket.
- ③Surface-mounted wall bracket installation complete.

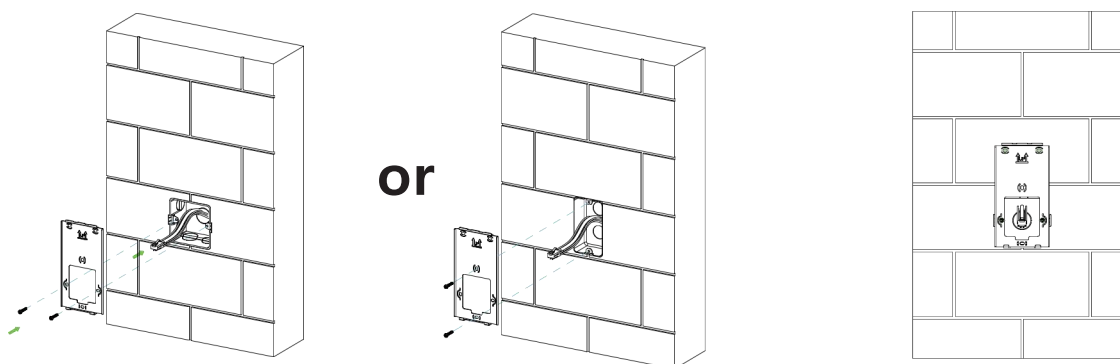


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2◆ Use either an 86 mm flush box or a 1-gang flush box (US standard).

①Secure the wall bracket to the flush box with two M4×30 cross-recess countersunk machine screws; route all required cables from the box through the bracket.

②Surface-mounted wall bracket installation complete.



Step2

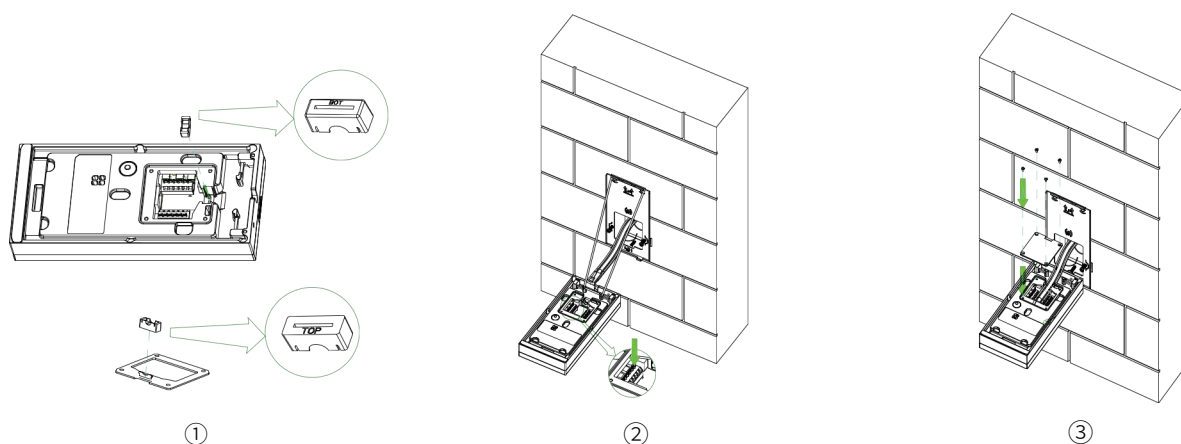
①Insert the silicone grommet marked "BOT" into the bottom-housing rib until fully seated. Insert the grommet marked "TOP" into the cover rib until fully seated.

②Hook the lanyard to the wall-bracket front lip; loop the other end around the rear side hooks of the main unit. Route cables from the flush box to the corresponding ports (press the button post before plugging).

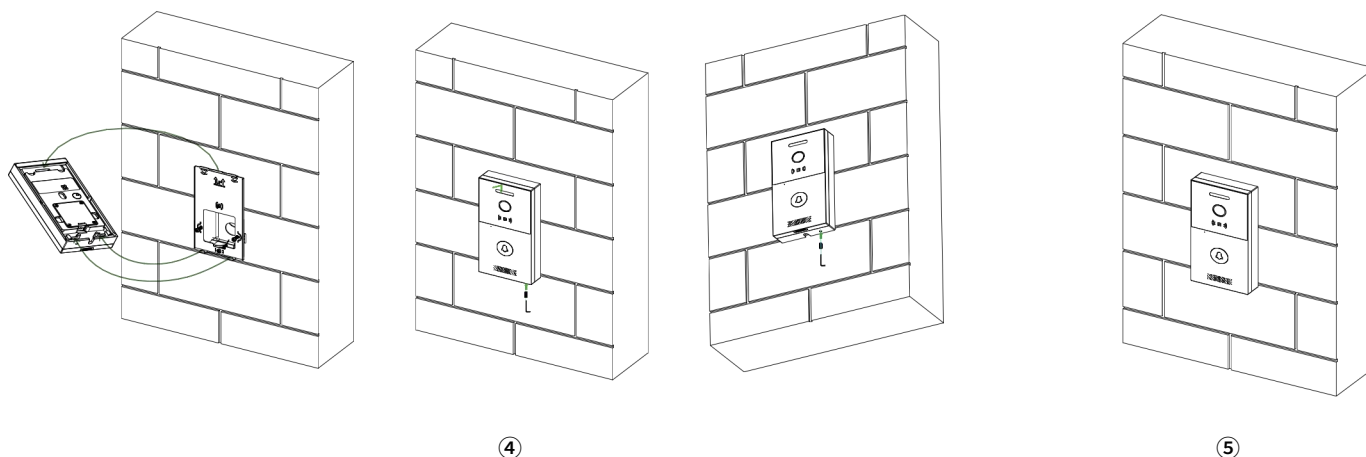
③Dress the wiring, fit the terminal cover, and secure it with four M2.5×6 pan-head screws.

④Align the unit's hanging slots with the three bracket hooks, push flat and slide down; tighten the M4×10.5 set-screw underneath with the supplied hex key.

⑤Installation complete.

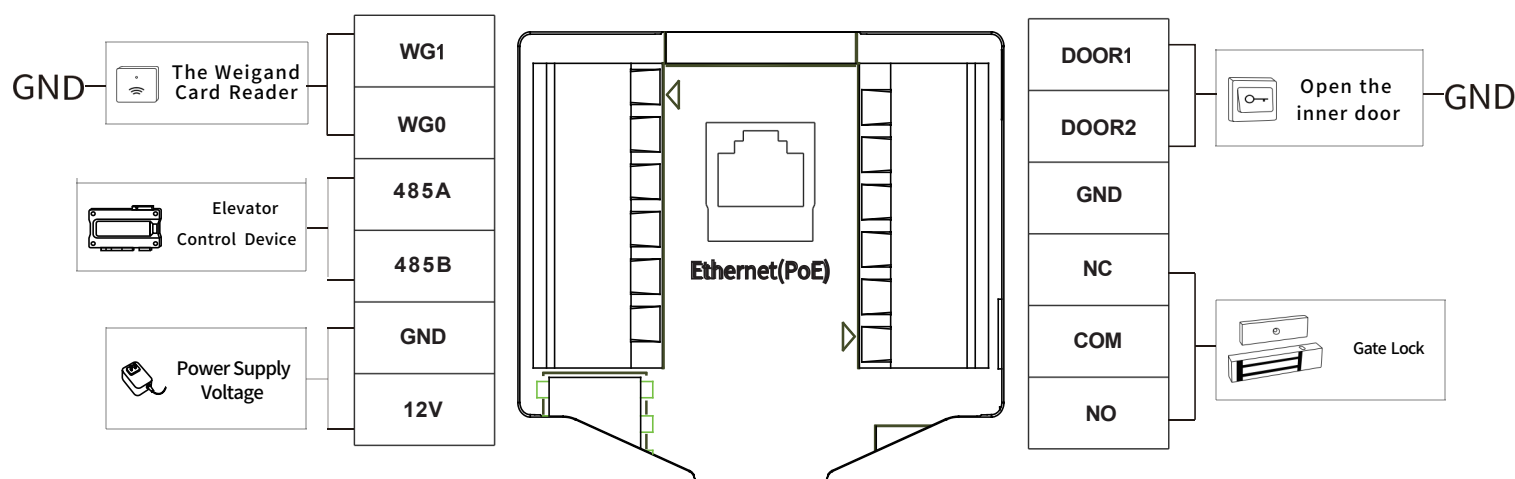


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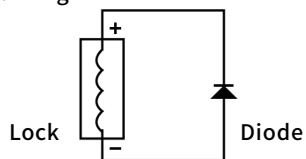


5 | INTERFACES

INTERFACES



⚠ warning



When the door machine is connected to a lock or relay and other coil-equipped equipment, it is recommended to connect a 1A/500V diode (in the accessory packaging bag) in reverse parallel with the lock or relay and other coil-equipped equipment to protect the door machine from interference caused by the reverse peak voltage generated at the moment of disconnection.

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6 | CONFIGURATIONS

CONFIGURATIONS

- Check IP Address

Press on the device call button and hold for 5 secs, the device will broadcast the IP address digits by voice

- Set SIP Account

Log into Web configuration portal of device, set up and register SIP accounts in INTERCOM-ACCOUNT.

- Set DTMF Code

Select DTMF mode and configure the code in SYSTEM-RELAY page of Web configuration portal.

Note: Refer to the user manual for details.



7 | FUNCTIONS

FUNCTIONS

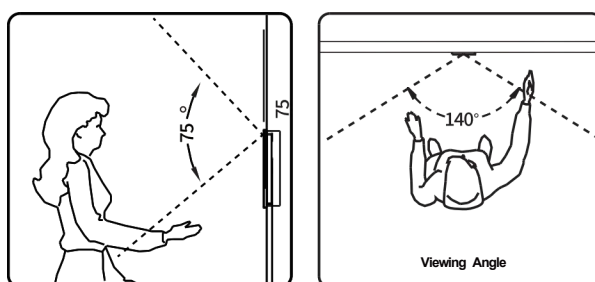
- Card/BLE/QR Code/PIN Unlock

Notice: Using BLE Unlock: open the App and BLE setting on the phone, then press Unlock button to unlock.

- DTMF Unlock

Attach the saved access card or keyfob on the card reader area of DH-H90 to unlock the door.

- Wide-angle camera



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Note: 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.

Any Changes expressly or modifications not approved by the party responsible for compliance could void the user's authority to operate the equipment. 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.

FCC Radiation Exposure Statement:

This equipment complies with 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.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.



The information contained in this document is accurate and reliable at the time of publication and will not be notified separately if any changes are made. The updated content of this document can be viewed on the NEXhome website.

The final interpretation right belongs to NEXhome.

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