DS-KH2230T Four-Wire Indoor Station

User Manual

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The symbols that may be found in this document are defined as follows.

Symbol	Description
⚠ Danger	Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury.
⚠ Caution	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
📖 Note	Provides additional information to emphasize or supplement important points of the main text.

Regulatory Information

EU Conformity Statement

This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EU, RE Directive 2014/53/EU,the RoHS Directive 2011/65/EU

2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info

2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see:www.recyclethis.info

Industry Canada ICES-003 Compliance

This device meets the CAN ICES-3 (B)/NMB-3(B) standards requirements.
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. this device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. l'appareil ne doit pas produire de brouillage, et
2. l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

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

Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

If a power adapter is provided in the device package, use the provided adapter only. If no power adapter is provided, ensure the power adapter or other power supply complies with Limited Power Source. Refer to the product label for the power supply output parameters.

About this Manual

Get the manual and related software from or the official website (http://www.hikvision.com).

Product	Model
Analog Indoor Station	DS-KH2230T

Contents

Chapter 1 Wiring Description of the Bundle

The system supports 3 typical applications. The pictures are shown as below.

⚠️**Caution**

Make sure all the related equipment is power-off during the wiring and installation.

ℹ️**Note**

- Up to 2 door stations and 3 indoor stations can be used in one video intercom system.
- Only 1 indoor station can be set as the main indoor station. If there are more than 1 indoor station in the system, the other 1 or 2 indoor stations will be set as extensions.
- The door station and indoor station connect via the four-wire interface. Interface A and C are for channel 2 and B and D for channel 1.
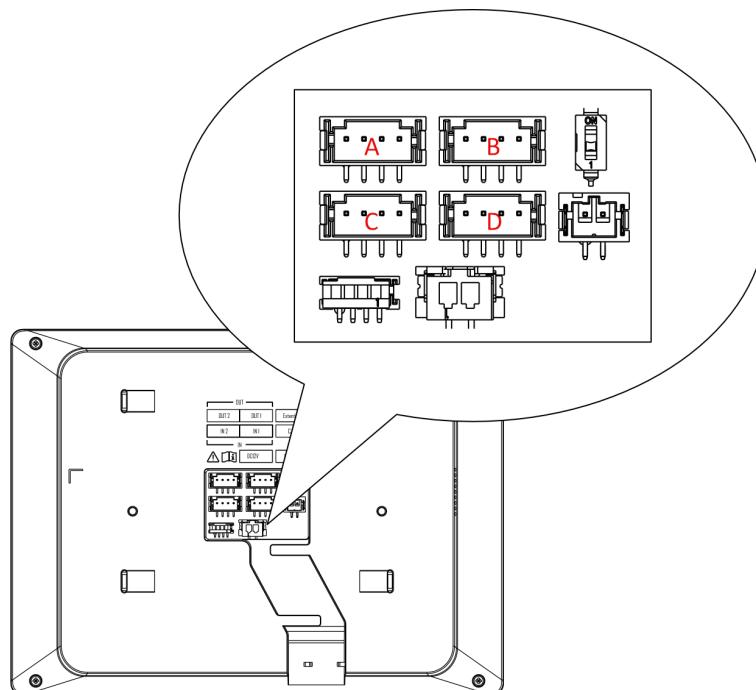
Figure 1-1 Four-Wire Interface of Indoor Station

**Typical Application 1: 1 Door Station and 1 Indoor Station**
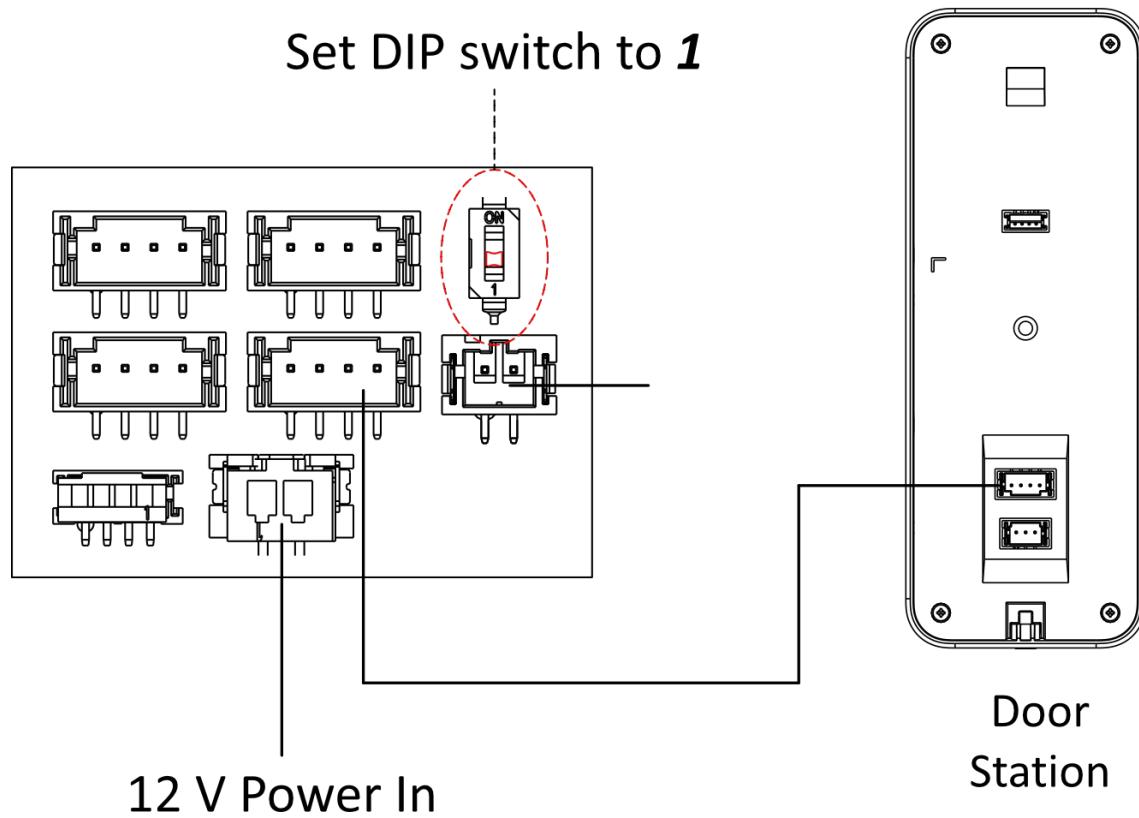
Figure 1-2 Typical Application 1

Typical Application 2: 1 Door Station and 3 Indoor Station
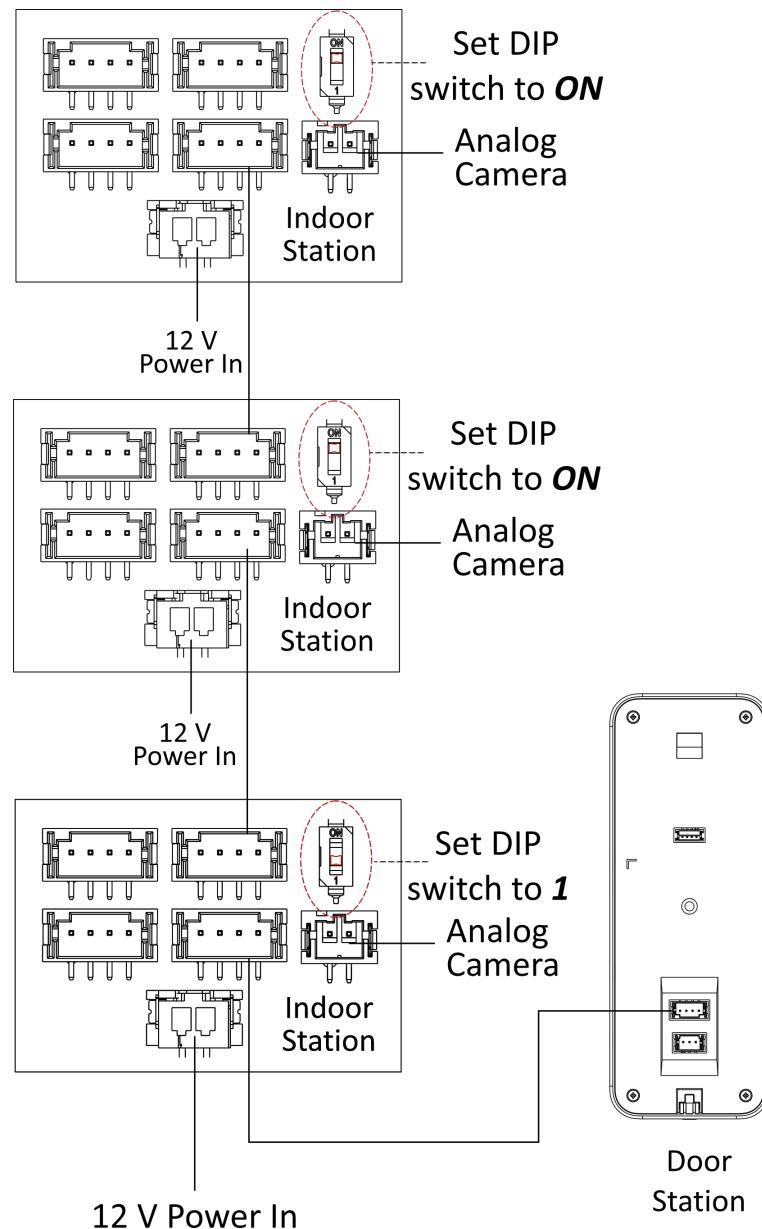
Figure 1-3 Typical Application 2

**Typical Application 3: 2 Door Stations and 3 Indoor Stations**

Set DIP switch to **ON**

Analog Camera

Indoor Station

12 V Power In

Set DIP switch to **ON**

Analog Camera

Indoor Station

12 V Power In

Set DIP switch to **1**

Analog Camera

Indoor Station

Door Station 2

12 V Power In

Door Station 1
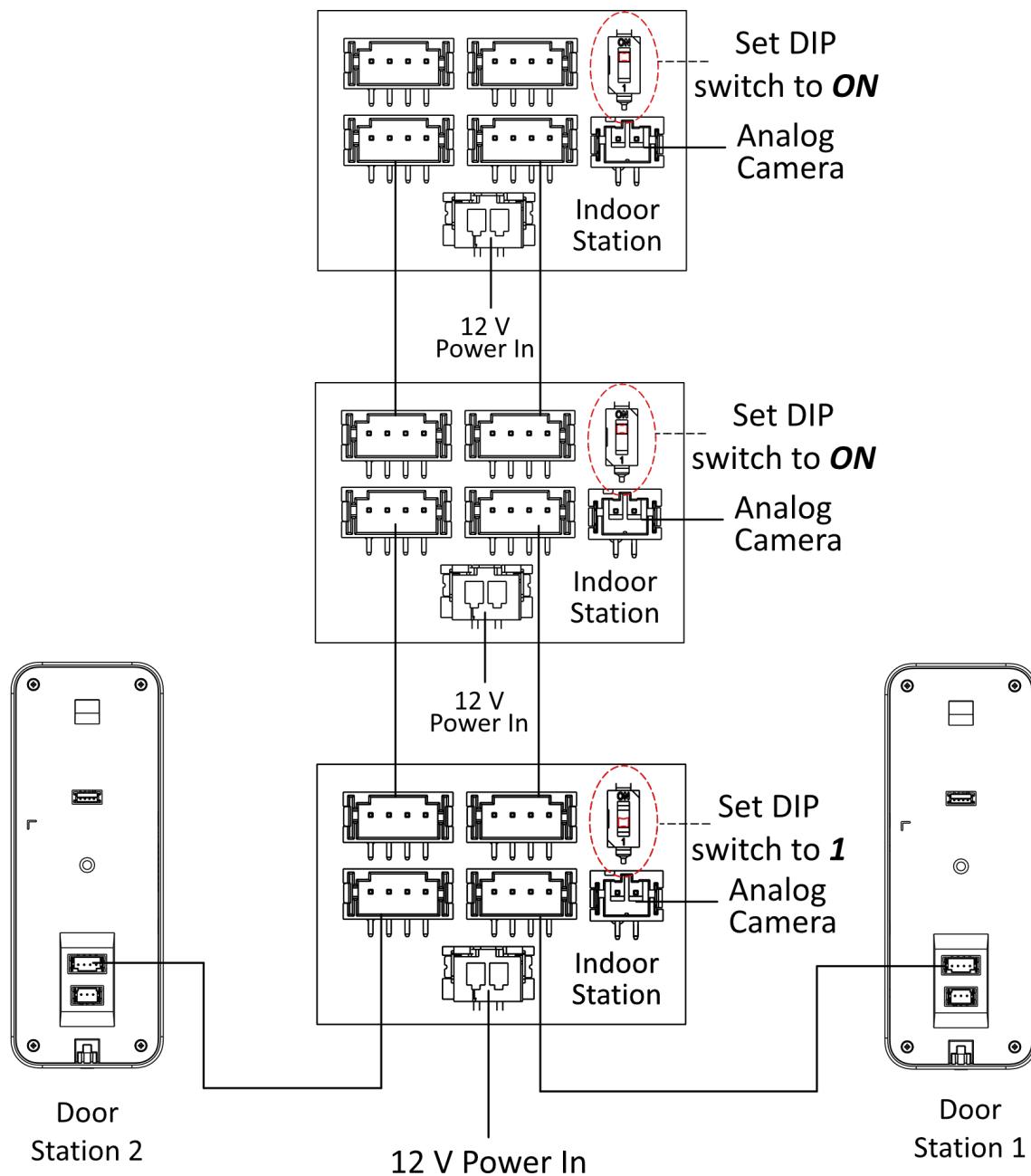
Figure 1-4 Typical Application 3

Chapter 2 Introduction of Buttons

The introduction of buttons are as follows.
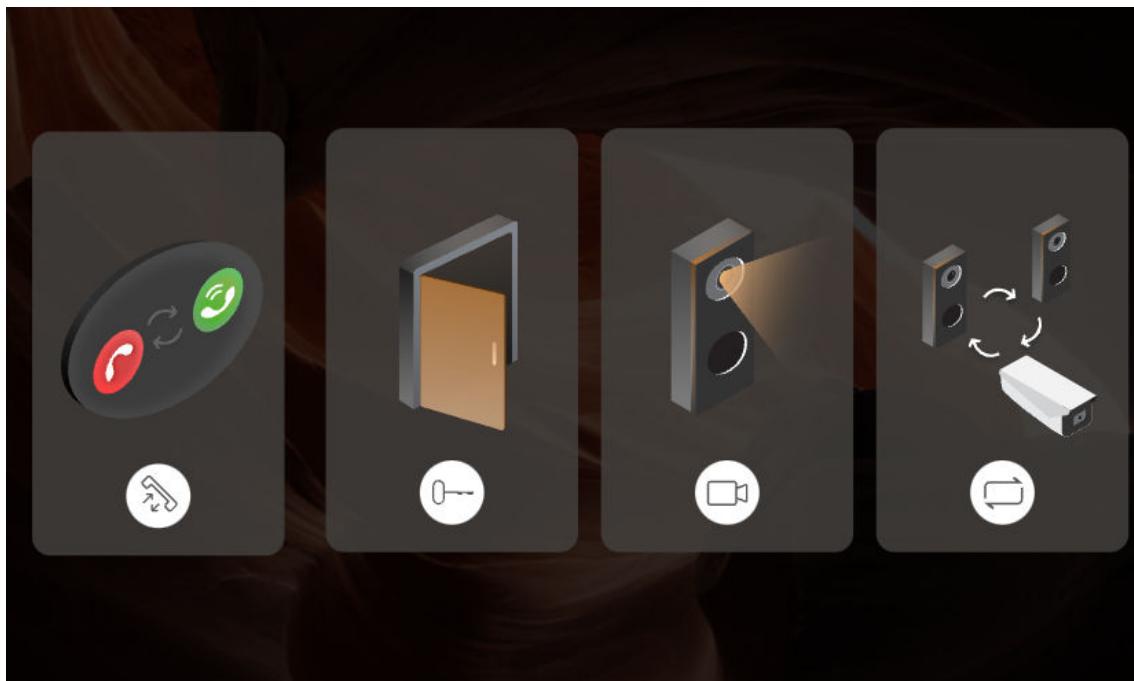
Figure 2-1 Buttons

Call Button

You can press ⊗ to receive or hang up the call.

Unlock Button

You can press ⊙— to unlock the door.

Live View Button

You can press ⊡ to view the live videos of door stations or analog camera.

Switch Camera Button

You can press ⊜ to switch between door station 1 or 2 or analog camera when viewing live videos.

Long press ⊜ for 3 s to enter the page of configuration.

Chapter 3 Parameter Configuration

You can set parameters of indoor station and door station via the indoor station.

Long press the button ⊜ for 3 s to enter the page of configuration.
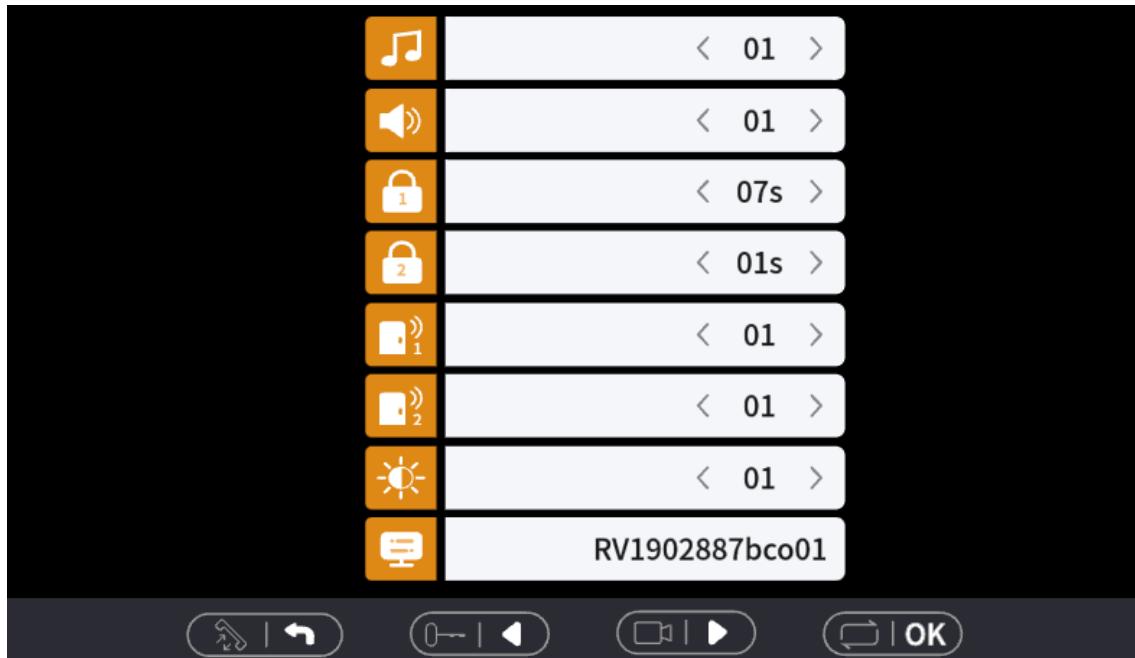
Figure 3-1 Local Configuration

You can select ringtone, adjust volume, set duration of remaining open, set volume of door stations, adjust the brightness and check the information of the device.

🎵

    Select the ringtone of the device.

🔊

    Adjust the volume of the device.

🔒 / 🔒

    Adjust the open duration of door station 1 and door station 2.

📢 / 📢

    Adjust the volume of door station 1 and door station 2.

☀

    Adjust the brightness of the device.

🖥

    Check the information of the device.

Chapter 4 Local Operation

Before you start, you need to connect the indoor station and door station via the four-wire interface and then wire the indoor station with DC 12 V power adapter via the power interface. The indoor station and door station will be powered on.

Buttons on Indoor Station

You can receive or hang up calls, unlock doors, view live views of linked devices and switching channels when viewing live videos via buttons on indoor station. For more details, please refer to ***Introduction of Buttons*** .

Call Indoor Station from Door Station

Press the call button on the door station to call indoor station. The indoor station can receive the call by pressing the call button on the indoor station or hang up the call by long pressing the call button.

Note

- The door station can cancel the call by pressing the call button only after placing the call for 5 seconds.
- After receiving the call, the indoor station can press the call button to hang up the call.

See Far, Go Further