

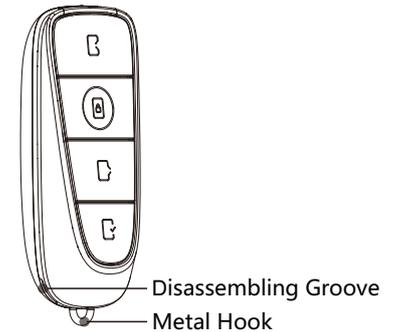
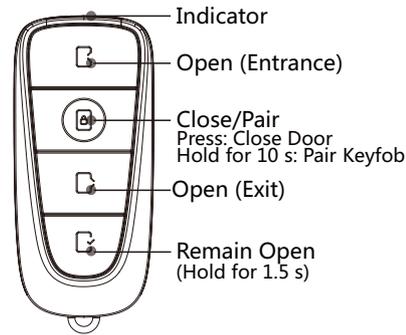
# HIKVISION

## Wireless Keyfob

User Manual

UD20280B

### 1 Appearance



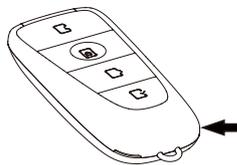
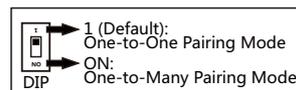
The pictures here are for reference only.

#### Indicator (Red) Instruction:

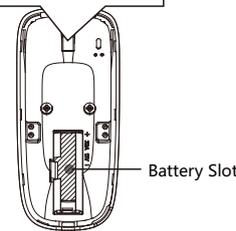
Flash Once: Press the Key  
Flash Twice: Keyfob Paired  
Flash 2s: Low Battery

### 2 Quick Operation

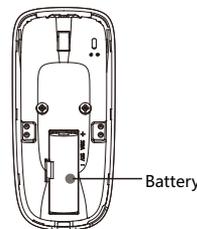
#### 1 Power On



1. Disassemble the groove according to the arrow.



2. Remove the rear panel and you can see the battery slot.



3. Place a supplied battery (Model: 12V23A) into the slot.

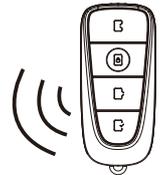
Pay attention to the polarity on the device. Do not install the battery in the wrong direction.



4. Assemble the rear panel back to the front panel.

#### 2 Pair Keyfob

Factors may affect the usage:  
1. Obstacles (Wall, etc.);  
2. People are walking near the turnstile or the keyfob;  
3. There are metals near the turnstile.



#### ● One-to-One Mode:

By default, the keyfob is in one-to-one mode. The keyfob's DIP switch is towards 1 (OFF). In this mode, the keyfob can only control one turnstile. Power on the turnstile and make sure the turnstile is in the normal mode. Set the DIP switch according to the turnstile's user manual and make sure the turnstile has entered the one-to-one pairing mode.

Reboot the turnstile and make sure no other turnstiles have paired with the keyfob within the available pairing distance. Hold "Close" for more than 10 s, and the keyfob starts pairing.

After pairing completed, the keyfob's indicator will flash twice. If pairing failed, the indicator is off.

You can also pair the keyfob via the client software. For details, see the turnstile's user manual.

#### ● One-to-Many Mode:

The keyfob's DIP switch is ON. In this mode, the keyfob can control multiple turnstiles.

Power on the turnstile and make sure the turnstile is in the normal mode. Set the DIP switch according to the turnstile's user manual and make sure the turnstile has entered the one-to-many pairing mode.

Reboot the turnstile. Hold "Close" for more than 10 s, and the keyfob starts pairing.

After pairing, the keyfob's indicator will flash twice.

You can also pair the keyfob via the client software. For details, see the turnstile's user manual.

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About this Manual

The Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the Hikvision website (<https://www.hikvision.com/>).

Please use this Manual with the guidance and assistance of professionals trained in supporting the Product.

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Data Protection

During the use of device, personal data will be collected, stored and processed. To protect data, the development of Hikvision devices incorporates privacy by design principles. For example, for device with facial recognition features, biometrics data is stored in your device with encryption method; for fingerprint device, only fingerprint template will be saved, which is impossible to reconstruct a fingerprint image.

As data controller, you are advised to collect, store, process and transfer data in accordance with the applicable data protection laws and regulations, including without limitation, conducting security controls to safeguard personal data, such as, implementing reasonable administrative and physical security controls, conduct periodic reviews and assessments of the effectiveness of your security controls.

### 3 Specification

DS-K7R01-433 Wireless Keyfob	
Working voltage	12 V
Working temperature	-10 °C to 55 °C
Working humidity	10% to 90% (No condensing)
Protective level	IP40
Battery	Support Life span: Above 4 month (If use 100 times per day, 25 °C)
Key lifes pan	> 500,000 times
Transmission distance	15 m
Indicator	Red LED light
Frequency	433MHz
Dimension	80 mm × 36 mm × 20 mm

DS-K7R01-868 Wireless Keyfob	
Working voltage	12 V
Working temperature	-10 °C to 55 °C
Working humidity	10% to 90% (No condensing)
Protective level	IP40
Battery	Support Life span: Above 4 month (If use 100 times per day, 25 °C)
Key lifes pan	> 500,000 times
Transmission distance	50 m (Open area)
Indicator	Red LED light
Frequency	868MHz
Dimension	80 mm × 36 mm × 20 mm

## Regulatory Information

### FCC Information

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**FCC compliance:** 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.

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

### FCC Conditions

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.
2. This device must accept any interference received, including interference that may cause undesired operation.



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 RE Directive 2014/53/EU, the EMC Directive 2014/30/EU, the RoHS Directive 2011/65/EU.



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](http://www.recyclethis.info)



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](http://www.recyclethis.info)

### Safety Instruction

These instructions are intended to ensure that user can use the product correctly to avoid danger or property loss.

The precaution measure is divided into Warnings and Cautions:

Warnings: Neglecting any of the warnings may cause serious injury or death.

Cautions: Neglecting any of the cautions may cause injury or equipment damage.



#### Warning

- All the electronic operation should be strictly compliance with the electrical safety regulations, fire prevention regulations and other related regulations in your local region.  
Please use the power adapter, which is provided by normal company. The power consumption cannot be less than the required value.
- Do not connect several devices to one power adapter as adapter overload may cause over-heat or fire hazard.
- Please make sure that the power has been disconnected before you wire, install or dismantle the device.
- When the product is installed on wall or ceiling, the device shall be firmly fixed.
- If smoke, odors or noise rise from the device, turn off the power at once and unplug the power cable, and then please contact the service center.
- If the product does not work properly, please contact your dealer or the nearest service center. Never attempt to disassemble the device yourself. (We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.)



#### Caution

- identifies the battery holder itself and identifies the positioning of the cell(s) inside the battery holder.
- No naked flame sources, such as lighted candles, should be placed on the equipment.
- Do not drop the device or subject it to physical shock, and do not expose it to high electromagnetic radiation. Avoid the equipment installation on vibrations surface or places subject to shock (ignorance can cause equipment damage).
- Do not place the device in extremely hot (refer to the specification of the device for the detailed operating temperature), cold, dusty or damp locations, and do not expose it to high electromagnetic radiation.
- The device cover for indoor use shall be kept from rain and moisture.
- Exposing the equipment to direct sun light, low ventilation or heat source such as heater or radiator is forbidden (ignorance can cause fire danger).
- Do not aim the device at the sun or extra bright places. A blooming or smear may occur otherwise (which is not a malfunction however), and affecting the endurance of sensor at the same time.
- Please use the provided glove when open up the device cover, avoid direct contact with the device cover, because the acidic sweat of the fingers may erode the surface coating of the device cover.
- Please use a soft and dry cloth when clean inside and outside surfaces of the device cover, do not use alkaline detergents.
- Please keep all wrappers after unpack them for future use. In case of any failure occurred, you need to return the device to the factory with the original wrapper.
- Transportation without the original wrapper may result in damage on the device and lead to additional costs.