



# HIKVISION UD20085B Network Camera User Guide

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**HIKVISION**

## HIKVISION UD20085B Network Camera



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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 (<http://www.hikvision.com/>). Please use this Manual with the guidance and assistance of professionals trained in supporting the Product. Trademarks Acknowledgement and other Hikvision trademarks and logos are the properties of Hikvision in various jurisdictions. Other trademarks and logos mentioned are the properties of their respective owners.

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## **Regulatory Information**

### **FCC Information**

Please take attention that changes or modifications 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.

### **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, the RoHS Directive 2011/65/EU and the RE Directive 2014/53/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](http://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](http://www.recyclethis.info).

### **Safety Instruction**

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

## **Laws and Regulations**

The device should be used in compliance with local laws, electrical safety regulations, and fire prevention regulations.

## **Transportation**

Keep the device in original or similar packaging while transporting it.

## **Power Supply**

The power source should meet limited power source or PS2 requirements according to IEC 60950-1 or IEC 62368-1 standard. Refer to the appropriate documentation for detailed information. **DO NOT** connect multiple devices to one power adapter, to avoid over-heating or fire hazards caused by overload. Make sure the plug is properly connected to the power socket.

## **System Security**

The installer and user are responsible for password and security configuration.

## **Battery**

This equipment is not suitable for use in locations where children are likely to be present.

### **CAUTION:**

Risk of explosion if the battery is replaced by an incorrect type. Dispose of used batteries according to the instructions

Improper replacement of the battery with an incorrect type may defeat a safeguard (for example, in the case of some lithium battery types). Do not dispose of the battery into fire or a hot oven, or mechanically crush or cut the battery, which may result in an explosion. Do not leave the battery in an extremely high temperature surrounding environment, which may result in an explosion or the leakage of flammable liquid or gas. Do not subject the battery to extremely low air pressure, which may result in an explosion or the leakage of flammable liquid or gas.

## **Maintenance**

If the product does not work properly, please contact your dealer or the nearest service center. We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.

A few device components (e.g., electrolytic capacitor) require regular replacement. The average lifespan varies, so periodic checking is recommended. Contact your dealer for details.

## **Cleaning**

Please use a soft and dry cloth when clean inside and outside surfaces of the product cover. Do not use alkaline detergents.

## **Using Environment**

- When any laser equipment is in use, make sure that the device lens is not exposed to the laser beam, or it may burn out.
- DO NOT expose the device to high electromagnetic radiation or dusty environments.
- For indoor-only device, place it in a dry and well-ventilated environment.
- DO NOT aim the lens at the sun or any other bright light.
- Make sure the running environment meets the requirement of the device. The operating temperature shall be -10 °C to 40 °C (14 °F to 104 °F). Refer to the specification for detailed operating conditions.
- DO NOT place the camera in extremely hot, cold, dusty or damp locations, and do not expose it to high electromagnetic radiation.

## Emergency

If smoke, odor, or noise arises from the device, immediately turn off the power, unplug the power cable, and contact the service center.

## Time Synchronization

Set up device time manually for the first time access if the local time is not synchronized with that of the network. Visit the device via Web browser/client software and go to time settings interface.

## Installation

- Make sure the device is firmly secured to any wall or ceiling mountings.
- Be sure that there is enough space to install the device and accessories.
- Make sure that the device in the package is in good condition and all the assembly parts are included.
- Make sure that the wall is strong enough to withstand at least 4 times the weight of the device and the mount.
- The standard power supply is 12 VDC, please make sure your power supply matches with your device.
- Make sure that the power has been disconnected before you wire, install, or disassemble the device.
- Make sure that no reflective surface is too close to the device lens. The IR light from the device may reflect back into the lens causing reflection.

### CAUTION:

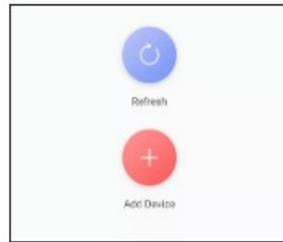
Hot parts! Burned fingers when handling the parts. Wait one-half hour after switching off before handling parts. This sticker is to indicate that the marked item can be hot and should not be touched without taking care. For device with this sticker, this device is intended for installation in a restricted access location, access can only be gained by service persons or by users who have been instructed about the reasons for the restrictions applied to the location and about any precautions that shall be taken.

## Add Camera to Hik-Connect

Hik-Connect is an application for mobile devices. Using the App, you can view live image, receive alarm notifications and so on. Steps:

1. Get and install Hik-Connect application by the following ways.
  - Visit <http://appstore.hivision.com> to download the application according to your mobile phone system.
  - Visit the official site of our company. Then go to Support > Tools > Hivision App Store.
  - Scan the QR code below to download the application.

2. Start the application and register for a Hik-Connect user account.
3. Log in after registration.
4. In the app, tap “+” and then scan the QR code of the camera to add the camera. You can find the QR code on the camera or on the cover of the Quick Start Guide of the camera in the package.



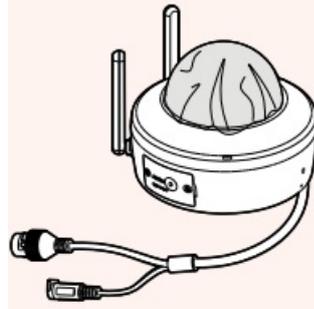
5. Follow the prompts to set the network connection and add the camera to your Hik-Connect account.
6. For detailed information, refer to the user manual of the Hik-Connect app.

For more information about access operations, scan the QR code. Note that mobile data charges may apply if Wi-Fi is unavailable.

## FAQ

1. Q: What is the default recording schedule of Wi-Fi cameras?A: Motion recording is activated by default.
2. Q: Can I connect the Wi-Fi cameras to a 5 GHz wireless router?A: No, only 2.4 GHz wireless router is supported.
3. Q: What is the maximum capacity of microSD card that Wi-Fi cameras support? A: The Wi-Fi cameras support up to 256 GB microSD card.
4. Q: Can I find the QR code on other places if the label on the camera is destroyed? A: You can also scan the QR code labeled the cover of Quick Start Guide.

## WHAT'S IN THE BOX



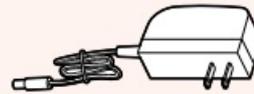
1x



1x



1x



1x



1x



1x

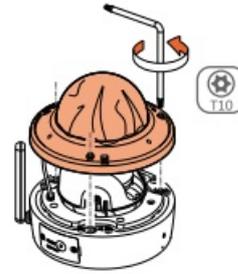
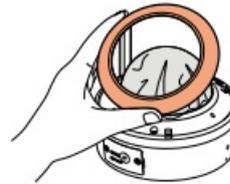
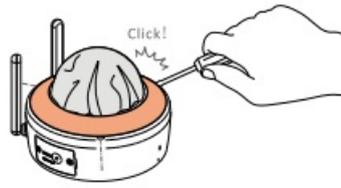
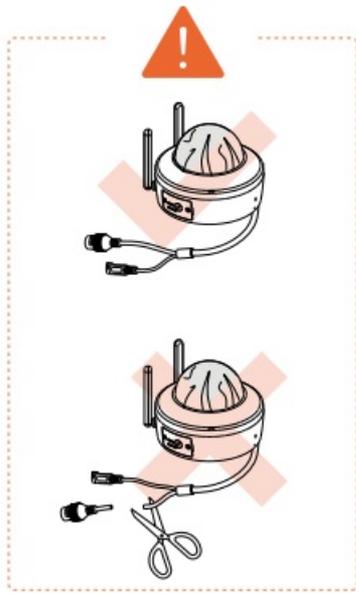


2x\*

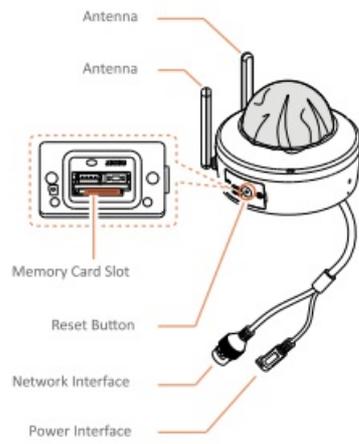


1x

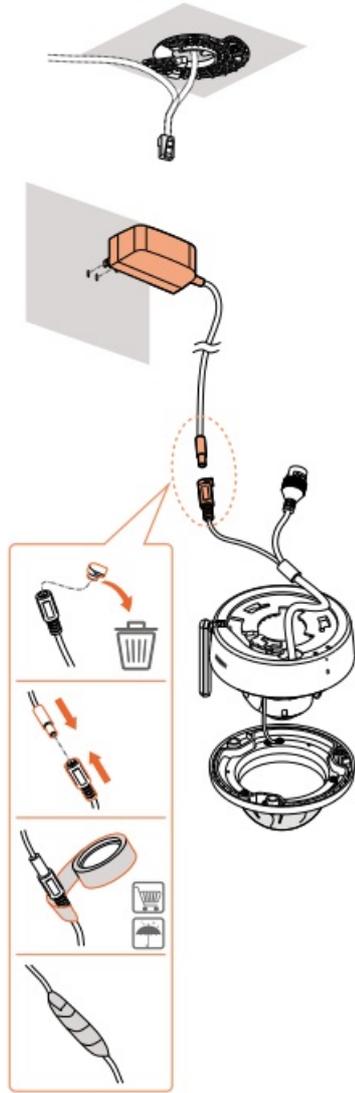
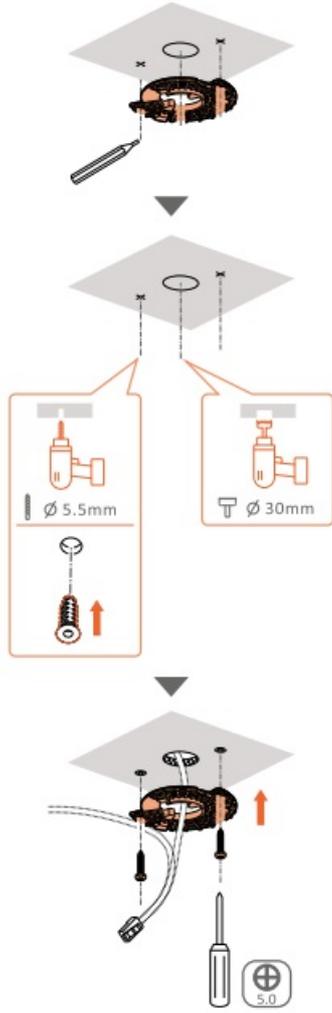
## INSTALLATION



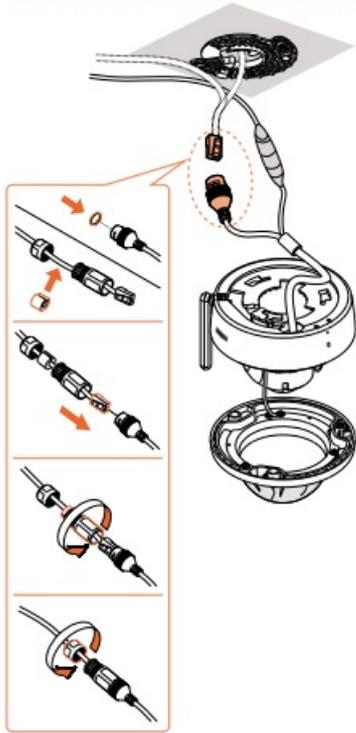
### Interface Introduction



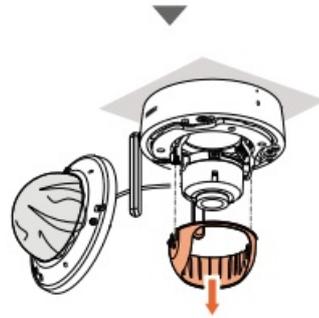
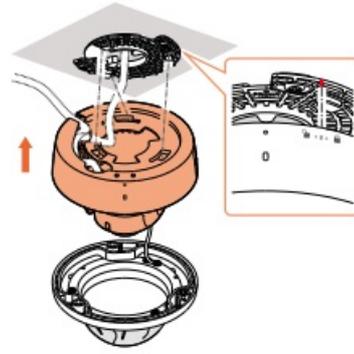
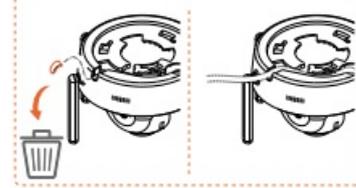
 If you route the cable through the ceiling, cut a cable hole. Otherwise skip the step.

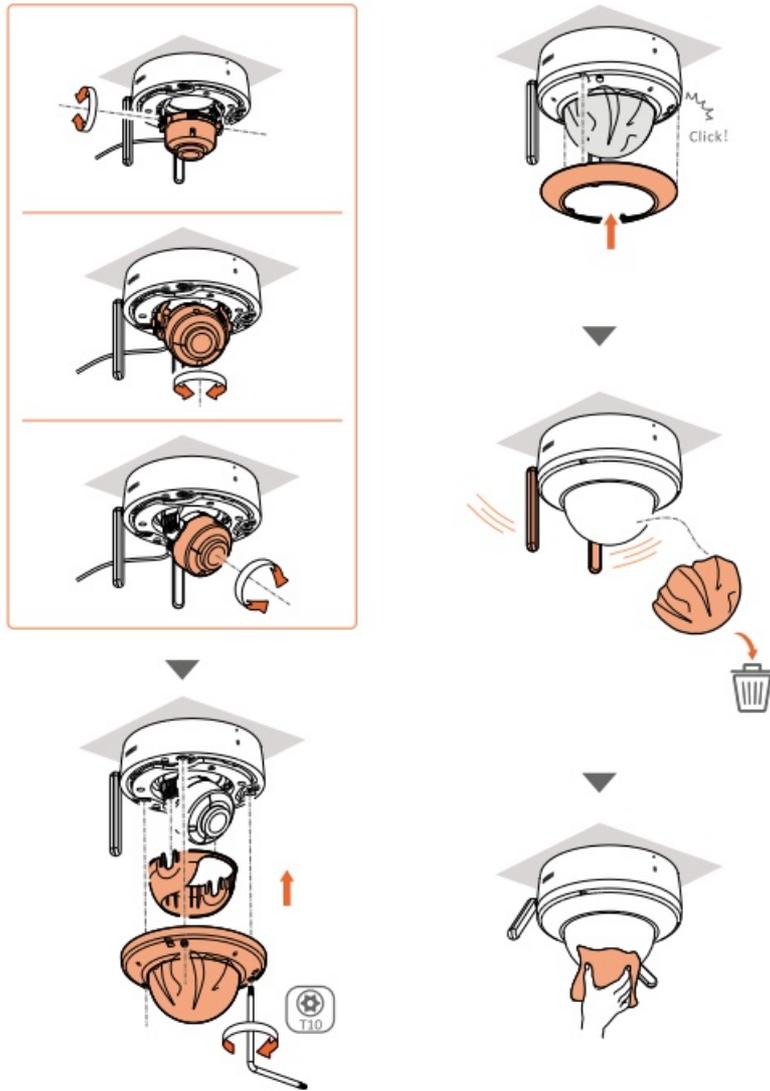


⚠ Skip this step if you use Wi-Fi function.



⚠ If you route the cables through the side outlet, remove the side outlet cover. Otherwise skip the step.





## Documents / Resources

	<p><a href="#">HIKVISION UD20085B Network Camera</a> [pdf] User Guide          ION2100, 2ADTD-ION2100, 2ADTDIION2100, UD20085B, Network Camera, UD20085B Network Camera, Camera</p>
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## References

- [↓](#)
- [Hikvision US | The world's largest video surveillance manufacturer |](#)
- [HOME](#)
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- [Hikvision App Store](#)
- [appstore.hikvision.com/static/help/index.html](http://appstore.hikvision.com/static/help/index.html)