



# **TURBO HD**

## **Mobile Turret Camera**

### User Manual

**UD00677B**

[www.hikvision.com](http://www.hikvision.com)

#### **User Manual**

Thank you for purchasing our product. If there are any questions, or requests, please do not hesitate to contact the dealer.

This manual applies to the models below:

Type	Model
<b>Type I Camera</b>	DS-2CS58C2T-S/F
<b>Type II Camera</b>	DS-2CS58C2T-ITS/F
<b>Type III Camera</b>	DS-2CS58C2T-ITS/C

This manual may contain several technical incorrect places or printing errors, and the content is subject to change without notice. The updates will be added to the new version of this manual. We will readily improve or update the products or procedures described in the manual.

## Privacy Notice

Surveillance laws vary by jurisdiction. Check all relevant laws in your jurisdiction before using all this product for surveillance purpose to ensure that your use of this product conforms.

## Regulatory Information

### FCC Information

**FCC compliance:** This equipment has been tested and found to comply with the limits for a digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

### 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 Low Voltage Directive 2014/35/EU, the EMC Directive 2014/30/EU.



2002/96/EC (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).

### Industry Canada ICES-003 Compliance

This device meets the CAN ICES-3 (A)/NMB-3(A) standards requirements.

# 1 Introduction

## 1.1 Product Features

This series of camera adopts high performance sensor and advanced circuit board design technology. It features high resolution, low distortion, and low noise, etc. It is suitable for surveillance system and image process system.

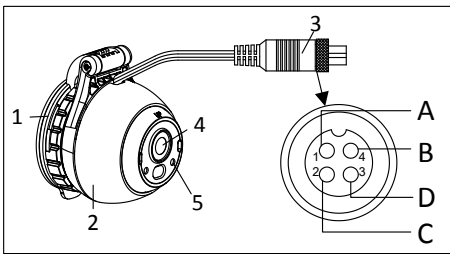
- Low illumination, 0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR;
- Advanced 3-axis design meets different installation requirements;



- High performance CMOS sensor and high resolution bring high-quality image;
- Build-in microphone;
- Aviation plug design;

## 1.2 Overview

### 1.2.1 Overview of Type I Camera



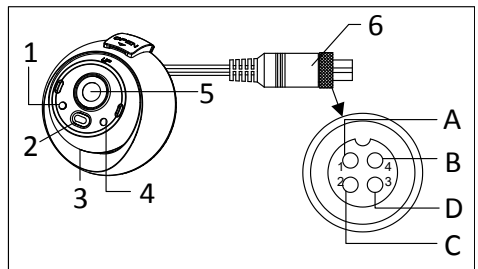
### Description of Type I Camera

- |                          |           |
|--------------------------|-----------|
| 1. Suction Mounting Base | A: HD TVI |
| 2. Main Body             | B: GND    |
| 3. Aviation Plug         | C: AUDIO  |
| 4. Lens                  | D: POWER  |
| 5. Microphone            |           |

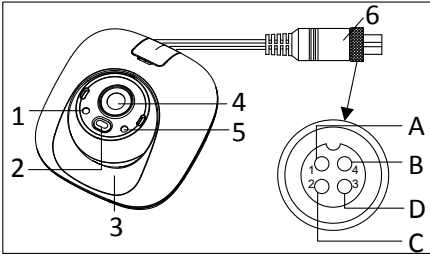
### 1.2.2 Overview of Type II Camera

### Description of Type II Camera

- |                            |           |
|----------------------------|-----------|
| 1. Photosensitive Resistor | A: HD TVI |
| 2. IR LED                  | B: GND    |
| 3. Main Body               | C: AUDIO  |
| 4. Microphone              | D: POWER  |
| 5. Lens                    |           |
| 6. Aviation Plug           |           |



### 1.2.3 Overview of Type III Camera



#### Description of Type III Camera

- |                            |           |
|----------------------------|-----------|
| 1. Photosensitive Resistor | A: HD TVI |
| 2. IR LED                  | B: GND    |
| 3. Main Body               | C: AUDIO  |
| 4. Lens                    | D: POWER  |
| 5. Microphone              |           |
| 6. Aviation Plug           |           |

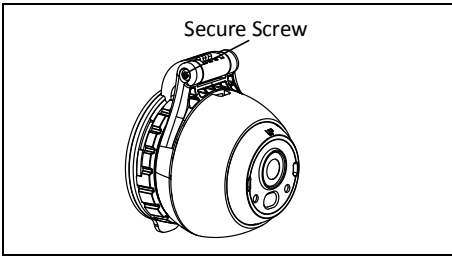
## 2 Installation

### Before you start:

- Please make sure that the device in the package is in good condition and all the assembly parts are included.
- Make sure that all the related equipment is power-off during the installation.
- Check the specification of the products for the installation environment.
- Check whether the power supply is matched with your required output to avoid damage.
- Please make sure the wall is strong enough to withstand three times the weight of the camera and the mounting.
- If the wall is the cement wall, you need to insert expansion screws before you install the camera. If the wall is the wooden wall, you can use self-tapping screw to secure the camera.
- If the product does not function properly, please contact your dealer or the nearest service center. Do not disassemble the camera for repair or maintenance by yourself.

### 2.1 Installation of Type I Camera

#### ◆ Suction Mounting



#### Step 1.

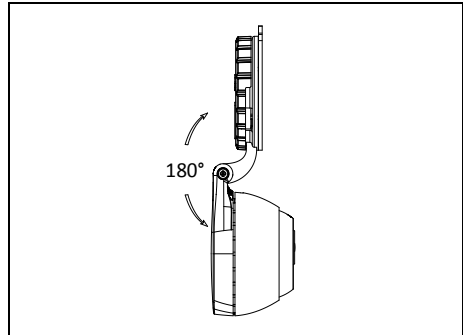
Loosen the secure screw of the camera, as shown in the figure on the left.

#### Step 2.

Adjust the camera angle.

#### NOTE:

Here the camera angle is 180°.



#### Step 3.

Rotate the suction mounting base according to the direction of **OPEN** arrow.

#### Step 4.

Press the suction mounting base.

#### Step 5.

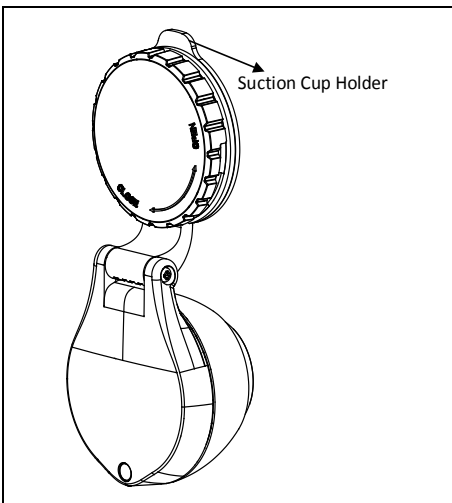
Hold and rotate the suction mounting base to the end according to the direction of **CLOSE** arrow to fix the camera.

#### Step 6.

Secure the camera by tightening the secure screw.

#### NOTE:

Take apart the camera by lifting the suction cup holder.

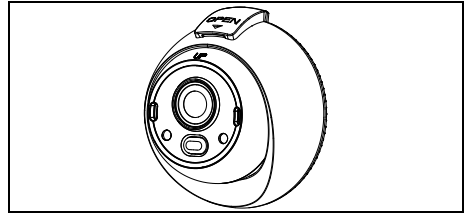
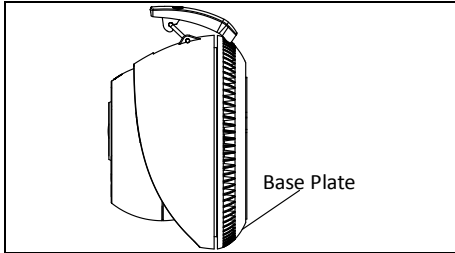


## 2.2 Installation of Type II Camera

### ◆ Disassembling

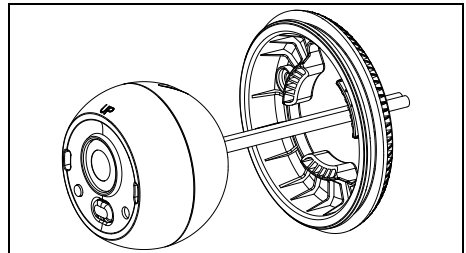
#### Step 1.

Open the lock catch of camera according to the direction of arrow on the catch.



#### Step 2.

Take apart the base plate.



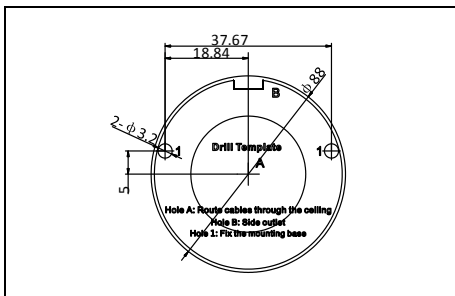
#### Step 3.

Apart the main body of the camera from the enclosure.

### ◆ Wall Mounting of Type II Camera

#### NOTE:

Two methods are available for wall mounting of Type II camera. The following procedure is the wall mounting application with screws/sticker.



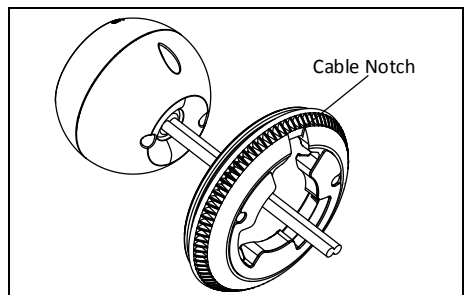
#### Step 1.

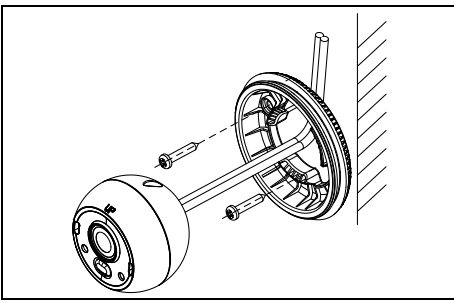
Attach the drill template (supplied) to the wall.(wall mounting with screws)

Attach the sticker to the base plate and align the notches of sticker to the screw holes. (wall mounting with sticker)

#### Step 2.

Route the cable through the cable hole. (in the cable notch)





**Step 5.**

Make sure the enclosure is properly fixed with the base plate.

**NOTE:**

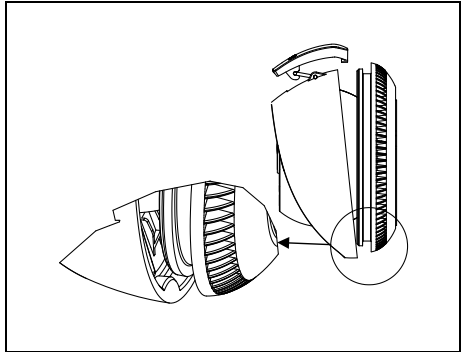
Insert the clips of enclosure into the slot of the base plate.

**Step 3.**

Fix the base plate onto the wall with screws.  
(wall mounting with screws)

**Step 4.**

Install the camera onto the wall.

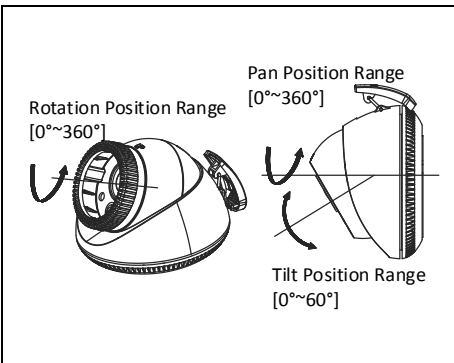


**Step 6.**

Insert the adjustment ring into the camera to perform the 3-axis adjustment.

**Step 7.**

Secure the camera by locking the lock catch.

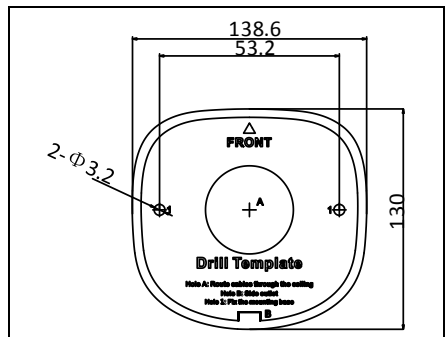


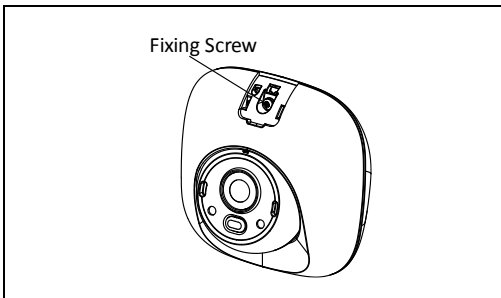
**2.3 Installation of Type III Camera**

◆ **In-ceiling Mounting**

**Step 1.**

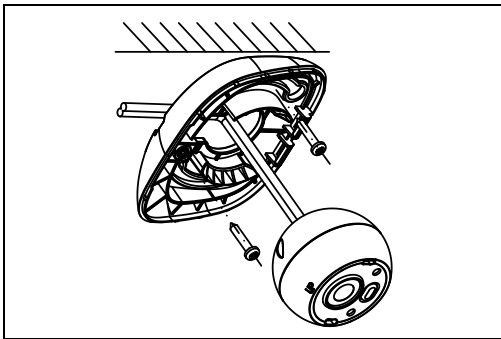
Attach the drill template (supplied) to the ceiling.





**Step 3.**

Route the cable through the cable hole. (in the cable notch)

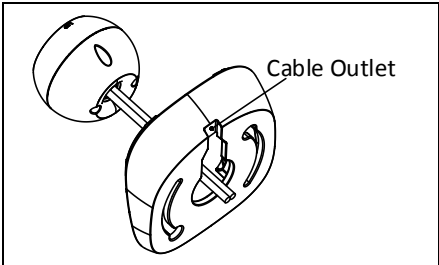


**Step 6.**

Make sure the enclosure is properly fixed with the base plate.

**NOTE:**

Insert the clips of enclosure into the slot of the base plate.

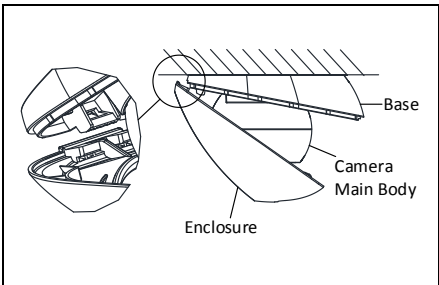


**Step 4.**

Fix the base plate onto the wall with screws.

**Step 5.**

Install the camera onto the ceiling.



**Step 7.**

Insert the adjustment ring into the camera to adjust the angle of bracket position.

**Step 8.**

Secure the camera by install the enclosure and fix the fixing screw.

