



Turret Camera

User Manual

UD.6L0201D1091A01

www.hikvision.com

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

Type	Model
I	DS-2CE5512P(N), DS-2CE5582P(N), DS-2CE55A2P(N), DS-2CE55C2P(N)
II	DS-2CE5512P(N)-IR, DS-2CE5582P(N)-IR, DS-2CE55A2P(N)-IR, DS-2CE55C2P(N)-IR, DS-2CE5512P(N)-IRP, DS-2CE5582P(N)-IRP, DS-2CE55A2P(N)-IRP, DS-2CE55C2P(N)-IRP
III	DS-2CE5582P(N)-IRM, DS-2CE55A2P(N)-IRM, DS-2CE55C2P(N)-IRM
IV	DS-2CE5682P(N)-IT1, DS-2CE5682P(N)-IT3, DS-2CE56A2P(N)-IT3, DS-2CE56C2P(N)-IT3
V	DS-2CE5582P(N)-VFIR3, DS-2CE55A2P(N)-VFIR3, DS-2CE55C2P(N)-VFIR3

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.

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Please refer to the product specification for camera parameters and functions.

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 2006/95/EC, the EMC Directive 2004/108/EC, 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.

1 Introduction

1.1 Product Features

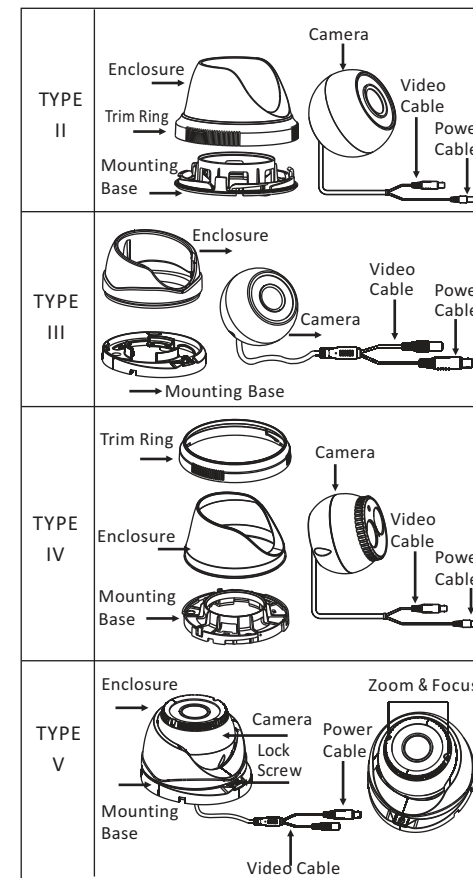
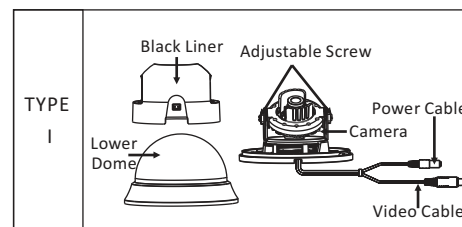
This series of camera adopts new generation sensor with high sensitivity and advanced circuit design technology. It features high resolution, low image distortion and low noise, etc., which makes it suitable for surveillance system and image processing system.

- High-performance sensor and high resolution bring high-quality image
- IR LED enables day/night surveillance
- Day/night auto switch
- ATW brings high color rendition
- Auto electronic shutter control to adapt to the different surveillance environments
- Auto gain control, adaptive brightness
- High SNR brings high-quality image
- Ingress protection: IP66

Notes:

- Type I camera doesn't support IR and IP66.
- DS-2CE5512/5582/55A2/55C2P(N)-IRP don't support IP66.

1.2 Overview



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.
- Please 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 AC outlet to avoid damage.
- 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.
- Please make sure that the wall or the ceiling is strong enough to withstand 3 times the weight of the camera.

2.1 Ceiling Mounting for Type I Camera

Steps:

1. Hold the mounting base, and rotate the lower dome counterclockwise to disassemble the lower dome and the black liner.
2. Drill the screw holes and the cable hole on the ceiling according to the supplied drill template.

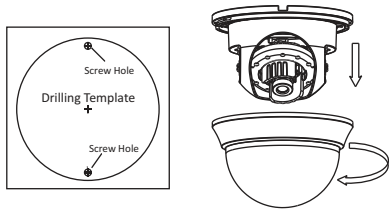


Figure 2-1 The Disassembling

3. Route the cables to the cable hole and connect the corresponding power cable and video cable.
4. Fix the mounting base to the ceiling with the supplied screws.

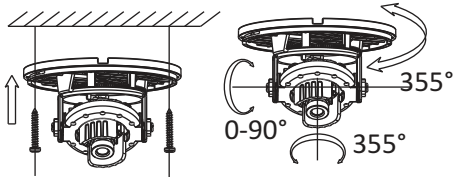


Figure 2-2 3-axis Adjustment

5. Adjust the Lens

- 1). Loosen the tilting lock screws besides the lens.
 - 2). Adjust the camera from the pan angle ($0^\circ \sim 355^\circ$); tilt angle ($0^\circ \sim 90^\circ$), and rotate the lens ($0^\circ \sim 355^\circ$) to get the optimum angle.
 - 3). Tighten the tilting lock screws.
6. Fit the black liner back to the camera.
7. Install the lower dome back to the camera and rotate it clockwise to get it secured.

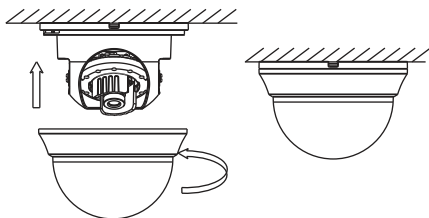


Figure 2-3 Complete the Installation

2.2 Ceiling Mounting for Type II/III Camera

Steps:

1. Drill the screw holes and the cable hole according to the drill template.

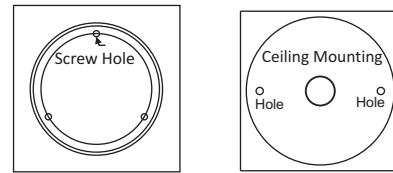


Figure 2-4 Drill Template of Type II/III Camera

2. Fix the mounting base to the ceiling with the supplied screws.

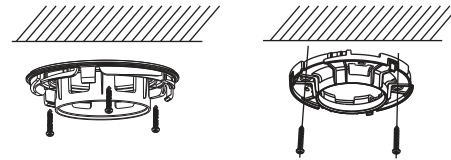


Figure 2-5 Fix the Mounting Base

3. Route the cables to the cable hole and connect corresponding power cable and video cable.
4. Secure the camera to the mounting base.
5. Fix the enclosure to camera to complete the installation.

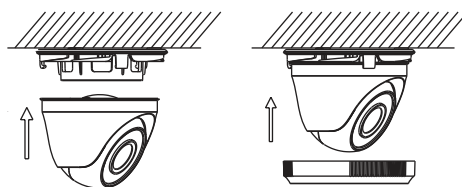


Figure 2-6 Fix the Components

6. Adjust the surveillance angle according to the figure below.
7. Rotate the trim ring clockwise to secure the camera.

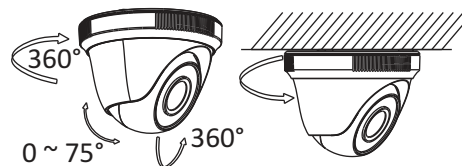


Figure 2-7 3-axis Adjustment

2.3 Ceiling Mounting for Type IV Camera

Steps:

1. Drill the screw holes and the cable hole according to the drill template.

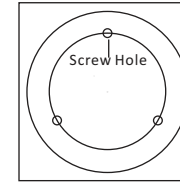


Figure 2-8 The Drill Template of Type IV Camera

2. Fix the mounting base to the ceiling with the supplied screws.
3. Route the cables to the cable hole and connect the corresponding power cable and video cable.
4. Secure the camera to the mounting base.
5. Fix the enclosure to camera to complete the installation..

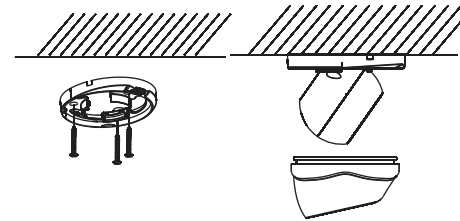


Figure 2-9 Fix the Mounting Base and the Camera

6. Adjust the camera according to the figure below to get an optimum angle.

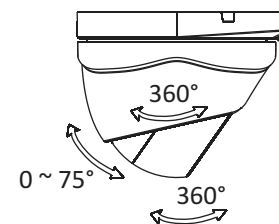


Figure 2-10 3-axis Adjustment

2.4 Ceiling Mounting for Type V Camera

Steps:

1. Drill the screws holes and the cable hole on the ceiling according to the supplied drill template.

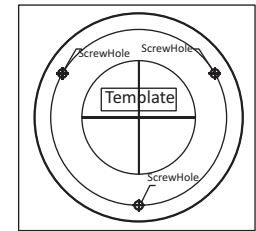


Figure 2-11 The Drill Template of Type V Camera

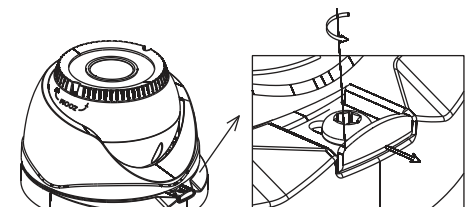


Figure 2-12 The Lock Screw

3. Fix the mounting base to the ceiling.
4. Route the cables to the cable hole and connect the corresponding cables.
5. Secure the camera to the mounting base by tightening the lock screw.
6. Adjust the camera according to the figure below to get an optimum angle.

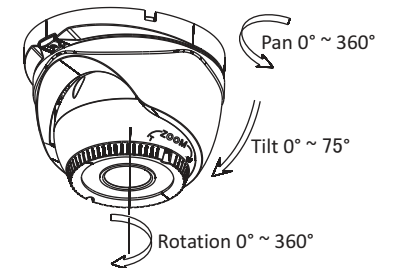


Figure 2-13 3-axis Adjustment

7. Use the screwdriver to adjust the ZOOM screw and the FOCUS screw until you get the optimum image.



Figure 2-14 Zoom and Focus Adjustment