

## **Introduction**

Thank you for purchasing this CCTV camera from ZOSI. This camera can operate in almost all light conditions from bright daylight (provided it's not irradiated directly by the sun) to pitch darkness.

The camera is very sensitive to light and therefore can make use of even a tiny little of light to create an image of what it captured. When it is in low light conditions, this comes out as a black and white image.

In total darkness or near-total darkness environment, the camera uses built-in infrared LEDs to illuminate the area in front of it. This light is invisible to the human eye, although you might notice a faint red glow coming from the front of the camera, which is normal phenomenon.

In day or well-lit environment, the IR Cut Filter feature of the camera can filter out wavelengths of light that is useless to cameras in order to provide a clear colored image.

## **Important Notice**

All jurisdictions have specific laws and regulations relating to the use of cameras. Before using any camera for any purpose, it is the buyer's responsibility to be aware of all applicable laws and regulations that prohibit or limit the use of cameras. And also buyer must comply with the applicable laws and regulations.

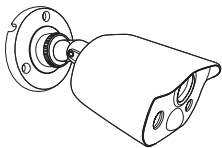
## **Warning**

Modification not approved by the party responsible for compliance could void user's authority to operate the equipment.

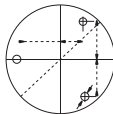
## **Important Safety Instructions**

- 1) Make sure product is installed correctly and fastened stably.
- 2) Do not operate if wires and terminals are exposed.

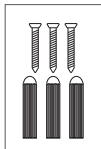
# What's in the Box



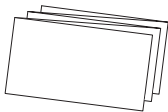
Camera



Mounting Hole Template



Mounting Screw Bag



Quick Start Guide

## Choosing a Location for this Camera

To get optimal effect from camera, where you install cameras is pivotal. You should consider the distance between the camera and its subject to ensure you obtain a good view of the areas in focus. Also, think about the appropriate mounting places (e.g., under the eaves of a roof is a good choice) where it won't be either an easy target for vandals or affected by constant light reflections of moving vehicles (which can cause falsely triggered motion detection). There are numerous factors you should consider when choosing a location to mount your camera, not merely involves where you want to monitor.

The camera can be mounted onto a flat, vertical surface using screws. The surface must have sufficient strength to hold the camera. Materials such as hardwood, brick or masonry are good options. You can mount the camera onto a metal surface, but you'll need to supply your own mounting hardware.

### Notice

When setting the cable, try to avoid winding it on objects with sharp angles.

Don't put your cable close to live electrical wiring. AC electricity will generate radio "noise", which can interfere with camera's signal.

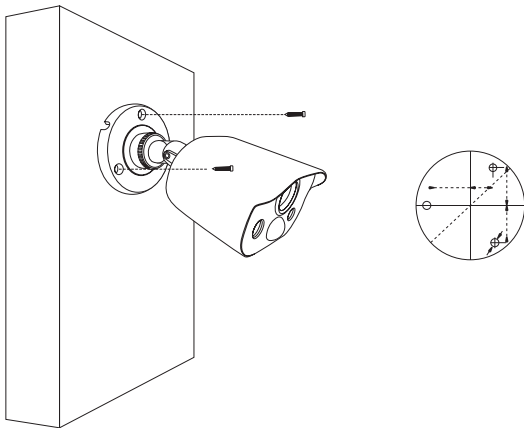
All wiring and connectors must be insulated in suitably. Meanwhile, they also should be protected from moisture and sunlight because they are not weather resistant.

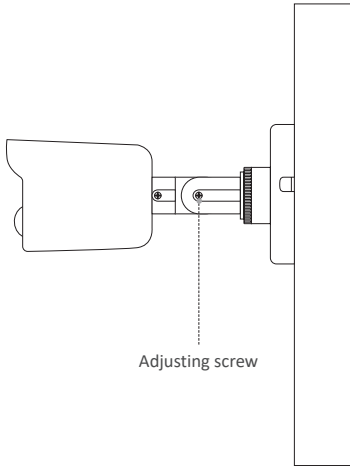
# Mount the Camera

1. Set the camera in a desired mounting position. Mark holes with the mounting hole template.
2. Drill the holes, then feed the cable through the mounting surface or cable notch.

NOTE: Insert the provided drywall anchors if install the camera in drywall.

3. Mount the camera on the surface using the provided screws. Make sure all screws are fastened tightly.
4. Adjust camera's position and angle.



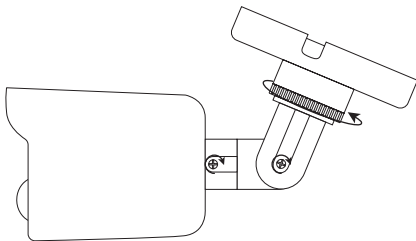


Adjusting screw

Turn the adjustment ring to tighten / loosen the stand. Adjust the camera's horizontal position.

Loosen the lower screw with phillips screwdriver (not included) to adjust camera's vertical position.

Loosen the upper screw with phillips screwdriver (not included) to rotate camera housing.



## PIR Settings

The camera supports audio pickup on DVR or App. At the same time, when someone passes by the camera, the camera will set off siren alarm. If you don't need the siren alarm from the camera, you can also turning on/off of the camera speaker through DVR.

Take ZOSI DVR as an example, the following is to introduce how to control the camera speaker function. DVR of other manufacturers may not be able to control the camera menu. If other brand's DVR is not compatible with this camera, please contact our sales or customer service center for help.

# How to get the camera's menu

1. Right click the mouse to pop up the DVR interface menu, click PTZ and select "Pelco-C", then jump to Figure 2.



Figure 1



Figure 2

2. Click the "+" icon on the right side of Menu **Iris / Menu** to call up the camera menu, as shown in Figure 3.

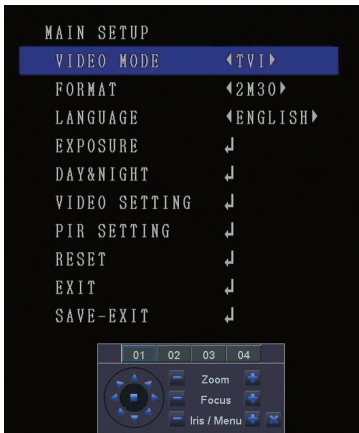


Figure 3

3. Click the  button in the arrow key and select "PIR SETTING".

4. Click the "+" button on the right side of Menu **Iris / Menu** to call up the camera PIR function menu.



# PIR Function Introduction

PIR SETTING	
PIR	◀ ON ▶
WARNING	◀ EXT ▶
WARNING LIGHT	◀ OFF ▶
BACK	↓
EXIT	↓
SAVE-EXIT	↓

## PIR: ON/OFF

On: Turn on the PIR function.

Off: Turn off the PIR function. The camera's PIR function will not work after turnoff.

## WARNING: EXT/ ON /OFF

EXT: When PIR is triggered, the camera loudspeaker will not sound an alarm in day mode (color), and the camera will sound an alarm in night vision mode (black and white)

ON: When PIR is triggered, the camera loudspeaker will sound an alarm no matter in day mode (color) or night vision mode (black and white)

OFF: When PIR is triggered, the camera loudspeaker will not sound an alarm no matter in day mode (color) or night vision mode (black and white)

## WARING LIGHT: ON/OFF

ON: Turn on the warm white LED of the camera. The warm light of the camera is turned on no matter in the day mode (color) or night vision mode (black and white).

OFF: Turn off the warm white LED of the camera. The warm light of the camera will only turn on once the PIR is triggered in the night vision mode (black and white).

BACK: Return to the previous step

EXIT: Exit the camera's menu

SAVE-EXIT: save and exit the camera's menu interface

# Troubleshooting

**Q: Video Loss appears in my monitor where should have displayed image?**

A: 1. Check whether the extension cable (power and video) is securely connected to the camera.

2. Check whether the video output from the camera is securely connected to the video input channel on the DVR.

3. Check whether the camera is firmly connected to power supply.

**Q: When I view at night will I only see a bright spot and no image?**

A: A reflection may cause in night vision mode if the camera is seeing through a window. Camera's infrared LEDs work at night which can reflex bright surface (such as glass, water, spider

webs, ceramics etc.) and effectively blind the camera. If you want to monitor the outside, you shall mount the camera outside since it's weather-resistant.

**Q: The BNC extension cable is not applicable to my TV?**

A: Many TV or monitors do not have the BNC connector but the RCA connector. Connect the BNC to RCA converter in the end of the extension cable, and then plug it into the RCA video input port on your TV or monitor.

ZOSI Communications warrants this product against defects in workmanship, and all material will be warranted for a period of one year from its original purchase date. You must present your receipt as proof of purchase date for warranty validation. Any unit which proves defective during the stated period will be repaired without charge for components or labor. Replaced at the sole discretion of ZOSI. The end user is responsible for all freight charges when it is necessary to send the product to ZOSI's repair center. The end user is responsible for all shipping costs when shipping product from any country other than the origin country.

The warranty does not cover any incidental, accidental or consequential damages arising from the inability use of this product. End user should take responsibility for any costs associated with the fitting or removal of this product caused by tradesman or other person. This warranty applies to the original purchaser of the product only, and it is forbidden to transfer product to any third party. It will make all warranties voided if there are unauthorized end users or third party modify any component or misuse evidence or abuse the device. By law some countries do not allow limitations on certain exclusions in this warranty. Where applicable by local laws, regulations and legal rights will take precedence.

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