Camera Quick Install Guide

FEIR Series

Available in 6MP and 12MP variants

Thank you for purchasing a FEIR Series CCTV Surveillance Camera.
This Quick Install Guide covers basic setup, installation and use of your surveillance system.
For the full user manual, instructional videos, tips on using your surveillance system &
warranty information, please visit: **www.vip-vision.com**

Applicable Models

VSIP6MPFEIRV2	6.0 MP WDR Infrared 360° Fisheye Dome *(special order only)*
VSIP12MPFEIRV2	12.0 MP WDR Infrared 360° Fisheye Dome

Version 080917

Important Safeguards and Warnings

Electrical safety

• All installation and operation here should conform to your local electrical safety codes.

• Check if the power supply is correct before operating the device.

• The power shall conform to the requirement in the SELV (Safety Extra Low Voltage) and the Limited power source is rated DC 12V or AC 24V in the IEC60950-1. (Power supply requirement is subject to the device label).

• Install easy-to-use device for power off before installing wiring, which is for emergent power off when necessary.

• Prevent the line cord from being trampled or pressed, especially the plug, power socket and the junction.

• **Note:** *Do not connect these two power supplying sources to the device at the same time; it may result in device damage!*

• We assume no liability or responsibility for all the fires or electrical shock caused by improper handling or installation.

• We are not liable for any problems caused by unauthorized modification or attempted repair.

Environment

• Don't aim device at strong light (such as lighting, sunlight and so on) to focus; otherwise it may cause overexposure (It is not the device malfunction), which will affect the longevity of CCD or CMOS.

• Transport, use and store the device within the range of allowed humidity and temperature.

• Don't keep the device in a place which is wet, dusty, extremely hot, and extremely cold and with strWong electromagnetic radiation or unstable lighting.

• Do not allow water and other liquid falling into the camera in case that the internal components are damaged.

• Do not allow rain or damp to the indoor device in case fire or lightning may occur.

• Keep the sound ventilation in case of heat accumulation.

• Pack the device with standard factory packaging or material with same quality when transporting the device.

• Heavy stress, violent vibration or water splash are not allowed during transportation, storage and installation.

Warning

• Modify the default password after login in order to avoid being stolen.

• Use the standard accessories provided by manufacturer and make sure the device is installed and fixed by professional engineers.

• Prevent the device surface from the radiation of laser beam when using laser beam device.

• Do not provide two or more power supply modes for the device, otherwise it may cause damage to the device.

Statement

• Refer to the actual product for more details; the manual is just for reference.

• The manual will be regularly upgraded according to the product update; the upgraded content will be added in the manual without prior announcement.

• Contact the supplier or customer service if there is any problem occurred when using the device.

• Contact the customer service for the latest procedure and supplementary documentation.

• There may be deviation between the actual value of some data and the value provided in the manual due to the reasons such as the real environment is not stable and so on. Refer to the company's final explanation if there is any doubt or dispute.

• The company is not liable for any loss caused by the operation which is not followed by the manual.

Operation and Daily Maintenance

• Do not touch the heat dissipation component of the device directly in order to avoid scald.

• Do not dismantle the device; there is no component which can be fixed by users themselves in the machine. It may cause water leakage or bad image for the device due to unprofessional dismantling. Please contact after-sale service to replace desiccant if it becomes green.

• It is recommended to use the device with thunder proof device in order to improve thunder proof effect.

• The grounding holes of the product are recommended to be grounded to further enhance the reliability of the camera.

• Do not touch the CCD (CMOS) optic component directly. You can use the blower to clean the dust or dirt on the lens surface. Please use a dry cloth wet by alcohol to wipe away the dust gently if it is necessary to clean.

• Always use the dry soft cloth to clean the device. If there is too much dust, please use the water to dilute the mild detergent first and then use it to clean the device. Finally use the dry cloth to clean the device. Don't use volatile solvent like alcohol, benzene, thinner and etc or strong detergent with abrasiveness, otherwise it will damage the surface coating or reduce the working performance of the device.

• Dome cover is an optical device, please don't touch or wipe cover surface directly during installation and use, please refer to the following methods to deal with once dirt is found:

• Stained with dirt

• Use oil-free soft brush or hair dries to remove it gently.

• Stained with grease or fingerprint

• Use soft cloth to wipe the water drop or oil gently to make it dry, then use oil-free cotton cloth or paper soaked with alcohol or detergent to wipe from the lens center to outward. It is ok to change the cloth and wipe several times if it is not clean enough.

FCC Information

1. FCC conditions

• This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

• This device may not cause harmful interference;

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

1. 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. 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 communication. 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.

Note: *Refer to the disk for more details, check and download corresponding user's manual and tool. Before installation, please open the package and check all the components are included. Contact your local retailer ASAP if something is broken in your package*
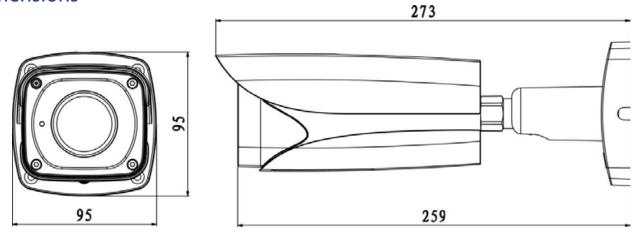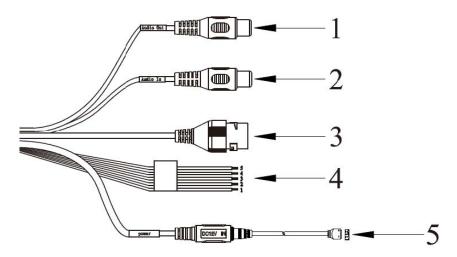
Pre-install Information

Included Components

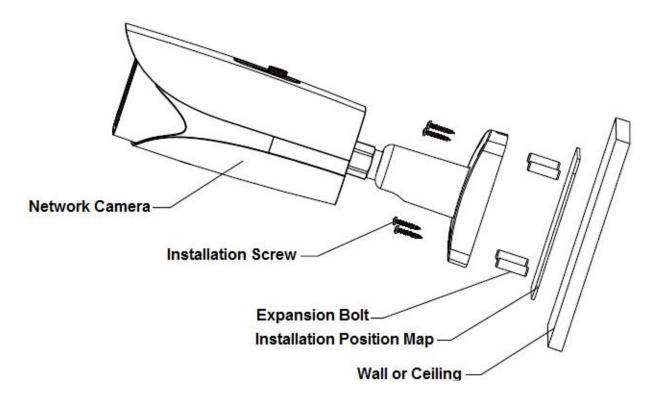|	
1 x	FBIR Series IP Camera
1 x	Quick Start Guide
1 x	Installation Accessories Bag: • Position installation map • Expansion bolts • Locking screws • Screwdriver
1 x	CD

Dimensions

Connection ports

Port	Name	Function
1	AUDIO OUT	Audio output port (RCA connector)
2	AUDIO IN	Audio input port (RCA connector)
3	LAN	Network port (Ethernet connector)
4	I/O	I/O port
5	Power	Power input port (optional)

1. Installing the camera

Here will we walk through the installation process for your "FBIR Series" camera. We will show you how to set-up your equipment, how to adjust it, all of its components and how to get it up and running. Be sure to check the pre-install to have an understanding of the included components, dimensions, and connection ports.
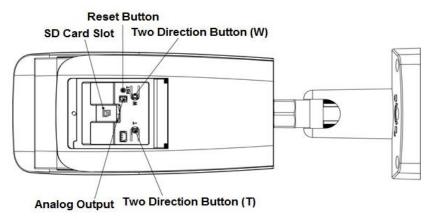

1.1 Installation setup (See image above)

1. Position installation map found in accessories bag onto a wall or ceiling and dig holes where marked.

2. Take out expansion bolts from the accessories bag and insert them into the holes you just made.

3. Take out locking screws from accessories bag and tighten them to fix the camera onto the surface. After tightening, you can now adjust the camera to suit you.

4. Install microSD card (optional) (1.2).

5. Adjust monitoring direction of the device (1.3).

6. Apply waterproofing to network cable (1.4) and then plug in all necessary ports (shown in pre-install).

7. Setup your alarm system (1.5).

8. Your setup is complete!

1.2 Accessing the microSD card slot (optional)

1.2.1 Installing the microSD card

1. Locate the lower cover on the bottom of the camera.

2. Remove the lower cover. This will allow you to access the microSD slot.

3. Install your microSD card into its dedicated slot, and assure it is properly secured.

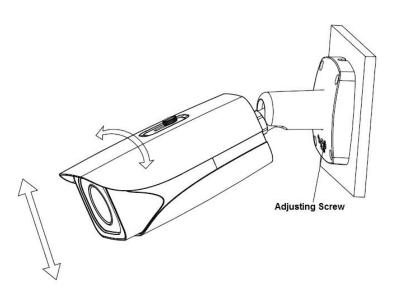4. Replace lower cover, and the installation is complete.

1.2.2 Advantages of the microSD

The microSD card is a very useful tool for anyone who wishes to have another way to back up storage, or is on a budget and doesn't have a recorder. The microSD card is placed inside of the camera, and can hold a set amount of storage (dependent on size of card) for any intended use, such as: video playback, storage, backup etc.

The microSD card utilises "Edge Recording". This is when the camera records video directly onto the installed card in the camera, instead of a separate NVR or storage device. This gives the user more flexibility in recording video.

Note: *Having a standalone microSD card will not assure that you have the same quality playback, nor the capacity compared to a separate NVR or storage device.*
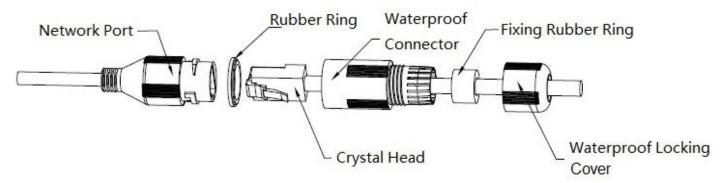
1.3 Adjusting the camera angle

1. Use screwdriver found in accessories bag to loosen screw.

2. Freely adjust the camera and find desired angle of view.

3. Tighten screw with screwdriver until firmly secured.

1.4 Waterproofing

Note: *Waterproofing may differ - this is only applicable to the 'FBIR Series' cameras.*
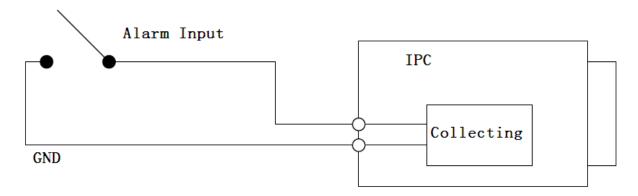

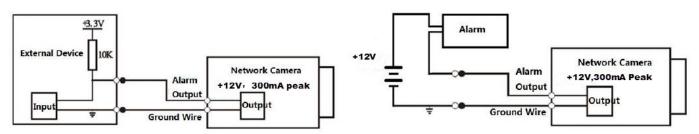**Note:** *Waterproofing is applied on the Network Port connector.*

1. Install the ruber ring into the network port, keep the smaller hole of the rubber ring outward and install the fixing rubber ring onto the main body of the waterproof cable.

2. Pull the network cable (without the crystal head) through the main body of the waterproof connector, fixing rubber ring and waterproof locking cover, make the crystal head of network cable, and then insert into the network cable.

3. Put the main body of the waterproof connector on the network port and rotate it clockwise to lock the network port and waterproof connector firmly.

4. Put the waterproof locking cover on the main body of the waterproof connector and rotate it clockwise to lock the waterproof connector and waterproof locking cover firmly.

1.5 Alarm Setup

1. Connect alarm input device to the alarm input of I/O cable.

2. Connect alarm output device to the alarm output of I/O cable.

3. Open the WEB, set alarm input and output. Alarm input on WEB corresponds to I/O cable on device. When there is an alarm, the input device will generate a signal of high and low level. Set corresponding NO and NC inputs.

4. Set the WEB alarm output.

Mode A: Level application   **Mode B:** Switch application

Port	Name	Function
1	ALARM_NO	Alarm output port NO: Normal open alarm output port Must be used with ALARM_COM
2	ALARM_COM	Alarm output public port
3	ALARM_IN1	Alarm input port 1
4	ALARM_IN2	Alarm input port 2
5	GND	Ground port

Note:

This quick install guide is for reference only. Slight difference may be found in user interface.

All the designs and software here are subject to change without prior written notice.

If there is any uncertainty or controversy, please refer to the final explanation of us.

Please visit our website or contact your local service engineer for more information.

For the full user manual, instructional videos, tips for using your surveillance system and warranty information, please visit:

www.vip-vision.com