

# IR Vandal-proof Dome IPC Installation Guide

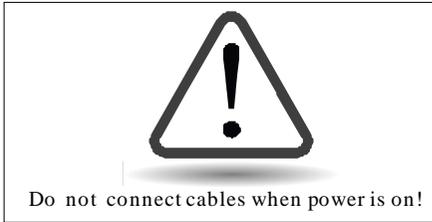
Version: 1.0

Date: October, 2011



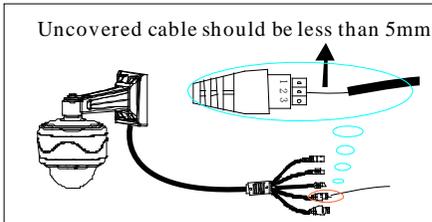
## Attention

▶ Do not connect cables when power is on!

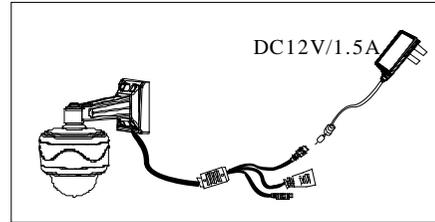


▶ All uncovered cable should be less than 5mm, to avoid exceptional device damage.

▶ Network cable quality will influence the communication distance. Please use repeater when exceeding network communication distance.

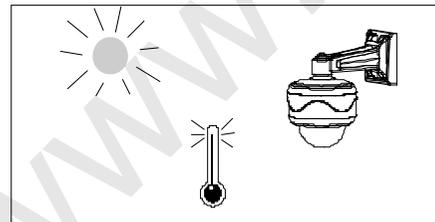
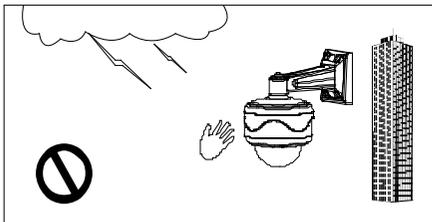


▶ Please use DC 12V, currency no less than 1.5A.



▶ When camera is installed outside, please put it in thunder-proof place. Do not touch the camera when lightning.

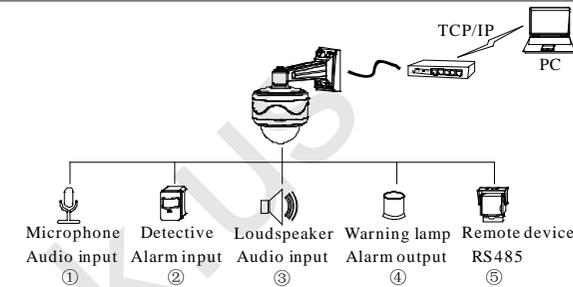
▶ Camera working environment: Temperature -20 °C ~ +55 °C, humidity 10% ~ 95%RH.



**Note:** Please pay attention to above notices, otherwise the device can not work normally and even get damaged seriously.



## Chapter 1: Diagram for IP camera video surveillance



- ① External radio collectors like microphone to realize voice collection function
- ② External alarm input devices like detector to realize setting up defense function on spot
- ③ External radio play devices like active loudspeaker to realize broadcast function
- ④ External alarm output devices like alarming lamp to realize remote alarm linkage function
- ⑤ Remote controlling camera through PTZ to realize one-in-all surveillance.

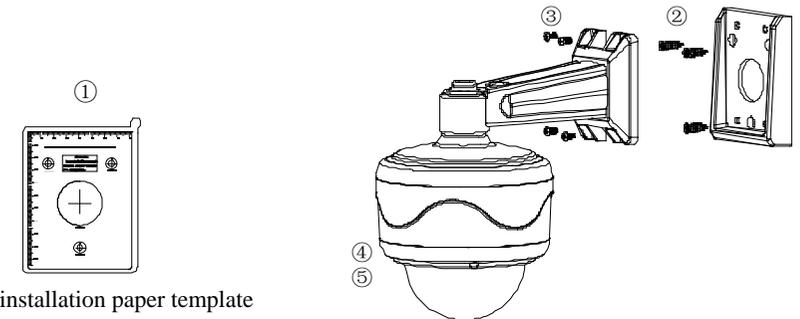
Based on TCP/IP network, it is convenient to manage and control terminal devices.

**Notes:** ① Please refer to user manual for details concerning cable interface.

② For other information not mentioned here, please read related user manual.

## Chapter 2: How to install IP camera

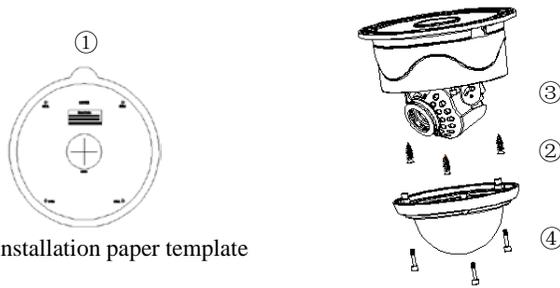
**Wall mount installation method:**



Wall mount installation paper template

- ① Affix the paper template to the wall and drill holes according to the marked circles in the paper template.
- ② Affix the pedestal to the wall by 4 screws.
- ③ Hang the camera in the pedestal and tighten the 4 screws, to fix the camera in related pedestal..
- ④ Take off the transparent cover from camera by screwdriver, and adjust the lens angle to appropriate surveillance area.
- ⑤ Tighten the screws to fix the transparent cover.

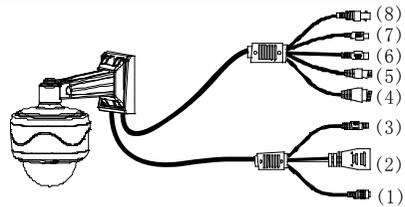
### Ceiling mount installation method:



Ceiling mount installation paper template

- ① Affix the paper template to the ceiling and drill holes according to the marked circles in the paper template.
- ② Affix the camera and pedestal to the ceiling by 3 screws.
- ③ Adjust the lens angle to appropriate surveillance area.
- ④ Tighten the screws to fix the transparent cover.

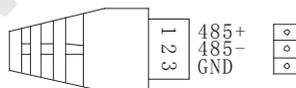
## Chapter 3: Introduction on cable interface



1. **Power supply:** Connect with power adaptor
  2. **RJ45:** Ethernet port for 10/100M. Through this port, you can connect the camera with other network devices like switcher, hub, router, etc.
  3. **Reset button:** Long press this button for more than 30 seconds when power on, the camera will recover to default configuration. Default IP address is **192.168.1.88**, user name “**admin**” and password “**admin**”.
  4. **Alarm:** Connect with external alarm input & output devices. See below detailed information.
- Note:** Different alarm input device should use different software configuration. Please refer to the user manual for details.



Picture 1



Picture 2

5. **RS485:** Supports standard 485 PTZ protocols, for remote device control. Please see above picture 2.
6. **Audio input:** Connects with external voice collectors like microphone to realize voice collection function.

7. **Audio output:** Connects with external play devices like act loudspeaker to realize broadcast function.
8. **Analog video output:** For project adjustment use on spot. Please refer to related user manual for details.

## Chapter 4: Network connection

For the first network connection, please follow the following steps to configure your network.

1. Use cable to connect camera with computer.
2. When connecting with 10M network, the orange indicator will be on, when connecting with 100M network, the green indicator will also be on.
3. If your computer IP address is in different gateway with that of camera, please change your computer IP address in the same gateway as camera, for example, 192.168.1.87.
4. In the IE browser, please input camera IP address (default IP “**192.168.1.88**”) and enter, then below dialog table will come out.

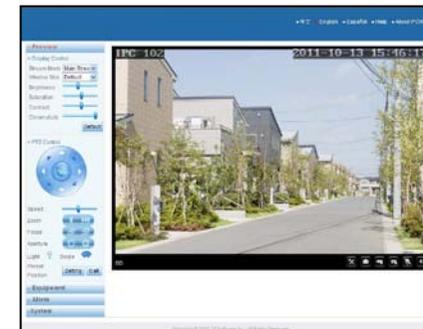


Picture 3



Picture 4

5. After input the user name and password (default user name “**admin**” and password “**admin**”), below activeX controls will show in the screen. This is a prerequisite activeX and controls for this application, without any danger information. Please run it according to above picture 4.
6. After finish the activeX and controls installation, please refresh the web page and below picture will come out.



7. If you want to change the camera IP address, please refer to the user manual.

**Note:** Please adjust the IP address well first and then install the camera.