



**HD ANALOG
CCTV CAMERA
FULL COLOR DAY & NIGHT**

QUICK GUIDE

NOTES:

Before providing power for the camera, please read this User Guide in detail.

Do not attempt to disassemble the camera. If the camera is not working, please contact your local installer.



Introduction

Congratulations on your purchase of this product. We adopt the latest image sensor and DSP technology. It features a very compact and discrete case. In addition, it can provide high definition video, stable quality, strong anti-interference, rich and true to life color. Installing this product is very convenient. It is the most technologically advanced CCTV system in the market today.

Please read this instruction manual carefully to ensure proper use of the products.



The symbol is intended to notify the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the device.



The Symbol is intended to notify the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to the user.

RISK OF ELECTRIC SHOCK. DO NOT OPEN.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER OR BACK. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE TECHNICIANS.

CAUTION: TO PREVENT ELECTRIC SHOCK AND RISK OF FIRE HAZARDS, DO NOT USE OTHER THAN SPECIFIED POWER SOURCE

NOTE:

- Please take note the camera's operating temperature and its operating environment requirements. Avoid using the camera at too high or too low temperatures.
- Never make the camera face the sun or bright object. Otherwise, it will damage the image sensor.
- Do not mount the camera near a radiator or heater.
- Specifications are subject to change without prior notice.

Installation

- Avoid installing it directly towards the sun.
- Do not install it in the place where temperature is too low or too high.
- Do not install in areas with frequent vibration.
- Avoid operating and storing in the water.
- Avoid placing Video cable connector and DC connector on water.
- Please ensure that power supply input is right.

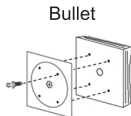
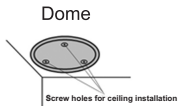
Troubleshooting

- The video has interference.
May be caused by the power supply AC ripples, it needs to filter the wave of the power supply. Check the monitor and peripheral equipment used.
- No Picture after connecting power supply.
Check for stable power supply voltage. Please check the power supply voltage and check if polarity is correct.
Please check if all cables are connected properly.
- Picture has a lot of smear.
The power supply voltage is unstable.
Connecting cables are not connected properly nor have high impedance
- The video's background color change continuously.
The fluorescent lamps electromagnetic field causes color rolling. This is a normal phenomenon of cameras.
Reduce the number of fluorescent lamps or move the cameras away from the fluorescent lamps.

Mount Your Camera Ceiling/ Wall Mount

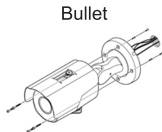
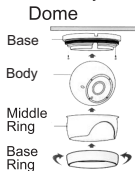
You can use it wall-mounted or ceiling-mounted.

1. Locate the holes, drill and then mount the plastic rivets of self-tapping screws.



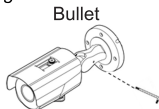
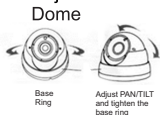
1. Paste the sticker template sheet on the wall and align the cross center to the hole in the wall.
2. Lead the cables across the hole on the wall.

2. Mount your camera



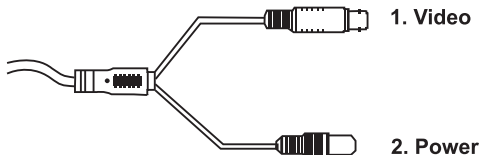
1. Lead tapping screws through the guide holes in the base and fix them on the wall by using a screwdriver.
2. Connect all the cables.

3. Adjust the monitoring direction.



1. Screw the locknut to loosen the joint and be able to adjust/ rotate the camera to desired position.
2. Tighten the locknut.

Line Interface Instruction



Note: Use XVI Control to change the video output of the camera

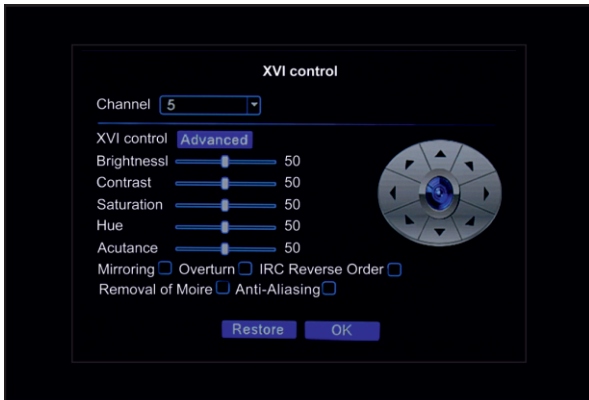
NOTE:

- The power supply must be tested and certified according to safety standards. Its output voltage, current, voltage polarity and operating temperature must match the camera's requirements.
- When using the camera in lightning prone areas, please note to mount lightning arresters or turn off the camera power supply during heavy rain with lightning.
- In order to capture high quality pictures, the power supply's cable and video cable should not be too long.

Camera Control Instruction

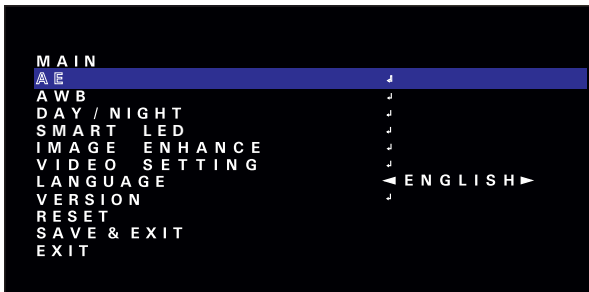
XVI Control Operate Interface

XVI Control: To control and adjust the settings of the Camera
Right click(XVI Control), interface is as follows:



Note: Use RXH1000 Series DVR

Access camera on-screen settings menu.



Smart LED Control

Full color camera support smart led function, you can control the amount of light needed which depends on the lighting environment.



Smart LED has two modes, one is automatic and the other is manual. These two modes can be set in Menu "Mode" setting. Auto Mode: It can auto adjust the led brightness according to the environment. When the environment is darker, lights will brighten automatically, when the environment is brighter the light will dim automatically. Manual Mode: In manual mode, value 1-10 represents the brightness of the LED, when LED on, it has 10 values to adjust the brightness.



Note: The Value option in auto mode is different from that in manual mode. In auto mode, value 1-3 represents the gain interval. When LED on, it only has 3 values that automatically adjust the brightness.

Technical Parameters

| | R4B912GLOWS | R4D912GNOWS | R4B943GLVWS |
|----------------------------|----------------------------|-------------------------------------|---------------------------------|
| Sensor type | 1/ 2.9" CMOS | | 1/2.9" Progressive Scan CMOS |
| Signal System | NTSC | | |
| Resolution | 1080P | | |
| Electronic shutter | NTSC: 1/30 s to 1/50,000 s | | |
| Min. Illumination Light ON | 0.1 lux @ (F2.0, AGC ON) | | |
| Lens | 3.6mm | 2.8-12mm | |
| Video Output | AHD / TVI / CVI / CVBS | | |
| Day & Night Switch | Support ICR | Support ICR EXT / Auto / Color / BW | |
| DWDR | Supported | | |
| UTC | Supported | | |
| Smart LED | Support Auto / Manual | | |
| Operating Conditions | -20°C to 50°C | | -20 °C to 60 °C |
| Humidity | 10%-90% RH | | 90% or less (non-condensing) |
| Power Supply | DC12V±10% | | |
| Power Consumption | MAX 3W | | Max. 3W (with IR cut filter on) |

*Specification are subject to change without prior notice.

| | R4BC12GLOWS | R4BC43GLVWS |
|-------------------------------|-------------------------------------|------------------------------------|
| Sensor type | 1/2.7" 5MP Progressive Scan CMOS | |
| Signal System | NTSC | |
| Resolution | 2560×1920 (5MP) | |
| Electronic shutter | NTSC: 1/30 s to 1/50,000 s | |
| Min. Illumination Light ON | 0.1 lux @ (F2.1, AGC ON) | |
| Lens | 3.6mm | 2.8-12mm |
| Video Output | AHD / TVI / CVI / CVBS | |
| Day & Night Switch | Support ICR EXT / Auto / Color / BW | |
| DWDR | Supported | |
| UTC | Supported | |
| Smart LED | Support Auto / Manual | |
| Operating Conditions | -20 °C to 60 °C | |
| Humidity | 90% or less (non-condensing) | |
| Power Supply | DC12V±10% | |
| Power Consumption | Max. 3W (with LED ON) | Max. 3W (with IR cut filter on) |

*Specification are subject to change without prior notice.

Protecting Your CCTV System

- Please be advised that the Electronic Security Equipment are sensitive to voltage surges. In fact, majority of defects are caused by unstable 220VAC power supply, power fluctuations, and transient surges. Further, failure of equipment is usually experienced after a brownout or after a thunderstorm.
- In general, we recommend that you purchase 12VDC Regulated Power Supply and Automatic Voltage Regulator with Power-On-Delay considering that these have been tested to protect against the most common causes of damage to CCTV System.
- Failure to protect your system with the above-mentioned equipment may void your one (1) year warranty if the damaged equipment sustains burnt marks, which is an evidence of power fluctuation or surges due to brownouts, lightning strikes and unstable power supply.
- However the use of both 12VDC Regulated Power Supply and AVR with Power-On-Delay is not a guarantee that your equipment will not sustain damage due to power fluctuations and transient surges as the above-mentioned products can only protect the equipment to a certain degree.
- If the customer knows his area has these power fluctuation problems, we recommend the use of high grade AVRs such as Servo Motor Automatic Voltage Regulator with Power-On-Delay and/or True-On Line Uninterruptible Power Supply (UPS). Further, we also recommend the use of Coaxial Surge Protection Device and Power and Video Surge Protection Devices with proper grounding.
- For Lightning Strike prone areas, we recommend that you protect your CCTV equipment with Lightning Arresters that is properly grounded.

Distributor: