

■ TROUBLE AND SOLUTION

1. No Picture after providing power

- May be the power supply voltage abnormality, please check the power supply voltage and pole whether exactitude.
- Please check all the connecting cable and monitors whether be connected correctly or not.

2. The picture level direction have flowing interference ripples

- May be caused by the power supply AC ripples, it need filter the wave of the power supply.
- Check the monitor and peripheral equipments used.

3. The picture background color changes continuously

- The fluorescent lamp's electromagnetic field cause color roll. This is proper phenomenon of the cameras.
- Reduce the fluorescent lamp numbers or increase the distance between the camera and the fluorescent lamps can improve it.
- Use power supply external sync. camera can solve it.

4. The picture smear too mass

- The power supply's voltage unstable.
- Connecting cables not connect correctly or have high impedance.



Notes:

- The power supply must through safe attestation. Its output voltage, current, voltage polarity and operating temperature must match the camera's requirement.
- When using the camera in the thunderbolt condition, please note to mount Anti-thunder device or put off the power supply plug and cable.
- In order to capture high quality pictures, the power supply's cable and video output cable should not be too long.

■ INTRODUCTION

Congratulations on your purchase of this product. This User Guide suits product. The most attractive characteristics are small and easy hidden, suits the elevator and corridor. In addition, it owns the characters of high definition and stability, strong anti-jamming, rich and real color. Fixing and using this model are convenient too. It is very good for you to apply to your CCTV system.

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



The symbol is intended to alert 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 persons.



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CAUTION:

RISK OF ELECTRIC. 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 PERSONNEL.

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



Notes:

- Please note the camera's operating temperature and its using environment requirement. Avoid using the camera at too high or too low temperatures. The operating temperature is -30 - +60(Recommendatory operating temperature is -10 - +50)
- Never make the camera face the sun or bright object. Otherwise, it will damage the CMOS.
- Do not mount the camera near by the radiator or heater.

■ Specification

Image Sensor	1/4"Color CMOS
Signal System	PAL/NTSC
Horizontal Resolution	700 TV Line
Infrared Lamp	24pcsφ5 LED
Effective Pixels	P: 752(H) * 582(V) / N: 768(H) * 492(V)
Min. Illumination	0.0001 Lux
Lens	3.6mm
IR Distance	5-15m
Day/Night	YES
Backlight Compensation	YES
Mirror Function	YES
Digital Noise Reduction	2D-NR
Gamma Correction	0.45
S/N Ratio	50db
Video Output	BNC(1.0Vp-p/75Ω)
Audio Function	Optional
Material	Aluminium Alloy
Camera Size(Each)	Approx.9 * 5.6 * 4.8cm / 5.4 * 2.2 * 1.89in(L * W * H)
Camera Weight(Each)	Approx.210g / 7.42oz
Warranty	1 Year

■ Packing List

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CCTV Camera

Weatherproof IR Color Camera



Notes: Before providing power for the camera, please read this User Guide in detail!

Do not attempt to disassemble the camera.
If the camera can not work, please contact local franchiser or our company.