

## Specifications

Model	8CMP-PXSHL540
Pick Up Element	SONY 1/3" CCD
Effective Picture Elements ( H*V )	NTSC: 811 × 508
Horizontal Resolution	540 TV Lines
S/N Ratio	More than 48dB
Lens	5~15 mm Dynamic Varifocal Lens
Scanning System	2:1 Interlace
Minimum Illumination	0.001 Lux / F2.0
Synchronous System	Internal
Auto Electronic Shutter	NTSC:1/60s~1/100, 000s
Gamma Characteristic	0.45
White Balance	Auto
Video Output	1Vp-p,75 Ω
Auto Gain Control	Auto
Power/Current	12VDC(±10%) / 700mA
Dimension (mm)	125 x 185 mm
Weight (g)	2250g
Storage Temperature	-20° ~ +60°C
Operating Temperature	-10° ~ +50°C

## Packing List

No	Name	Model	Number
1.	Pan Tilt Doom Camera	8CMP-PXSHL540	1
2.	User Guide	8CMP-PXSHL540	1

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

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

Reseller:

## 8CMP-PXSHL540 Low Illumination Indoor PTZ Camera



### Features :

- ◆ 540 TV Line
- ◆ 0.001 Lux - Low Illumination
- ◆ 5~15mm Dynamic Varifocal Lens
- ◆ 360° Pan Range (Continue Mode)
- ◆ 0°~90° Tilt Range - Flip
- ◆ Pan Speed: Max 50°/sec
- ◆ Up to 16 Preset Position

## BRIEF OF PRODUCT

### \* Sensor (CCD)

SONY 1/3" CCD Sensor — Low Illumination

### \* Auto Gain Control (AGC)

Built-in auto gain control (AGC) circuit. The color camera can get high definition picture in low Lux condition.

### \* Auto Electronic Shutter (AES)

Built-in auto electronic shutter function. The color camera's AES speed can reach 1/100,000s.

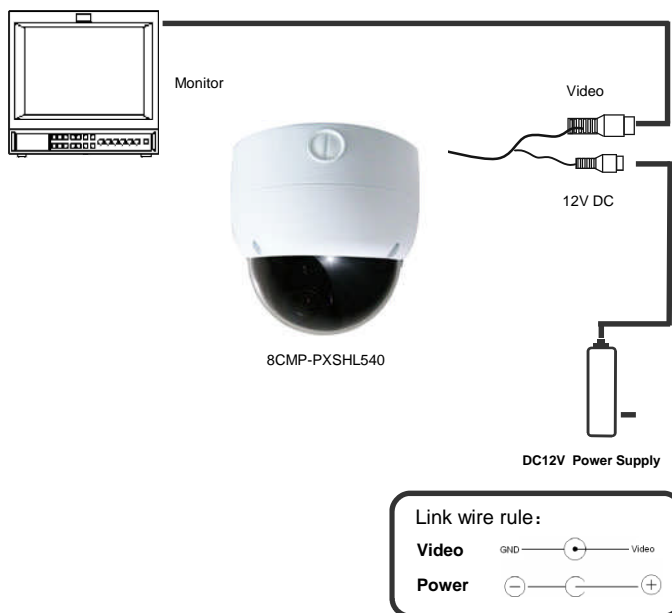
### \* Gama Characteristic

Camera Gama characteristic is 0.45.

### \* Scanning Mode

NTSC mode.

## CONNECTING



## 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 for 8CMP-PXSHL540 product. We adopt the latest SONY technical of sensor and driver. 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 yours CCTV system.

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



To prevent fire or shock hazarded. Do not expose the unit to rain or moisture.



The symbol is intended to alert the user to the presence of important operating and maintenance (servicing) Instructions in the literature accompanying the appliance.



The symbol is intended to alert the user to the presence of un-insulated 'dangerous voltage' within the product's enclosure that may be of sufficient Magnitude to constitute a risk of electric shock to persons.



### CAUTION:

RISK OF ELECTRIC. DO NOT OPEN



SHOCK

CAUTION: TO REDUCE THE RISK OF ELECTRIC

DO NOT REMOVE COVER OR BANCK NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING

### CAUTION:

To prevent electric shocks and risk of fire hazards, do NOT use other than specified power source.



### Note:

- 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 -10°C-50°C. (Recommendatory operating temperature is -5°C--40°C.)
- Never make the camera face the sun or bright object. Otherwise, it will damage the CCD.
- Do not mount the camera near by the radiator or heater.