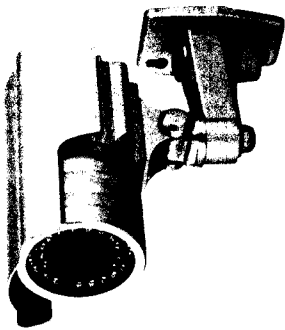




DIGITAL VIDEO CAMERA User's manual



IR Waterproof camera

SCW1-420-36-4-9 SCW1-540-36-4-9

36PCS Ø5MM IR LEDs

Schematic Diagram



Warning & Attention

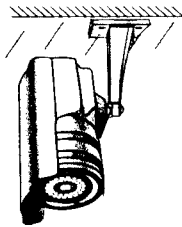
! WARNING
Please don't open camera, it's with danger of electronic shock.

! Attention:
To reduce the danger of electronic shock, please don't open the case (or back cover) of camera; everything is on the surface of camera for user's operation, please seek help from qualified professionals for repair.

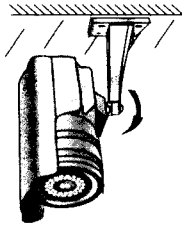
Attention items:

- Don't touch CCD or lens;
- Make camera away from violent attack;
- Don't use any unidentified power supply;
- Make camera lens away from strong light;
- Avoid installation in unstable places (shake, wet, high temperature, cold, etc);
- Avoid operation out of the following conditions, temperature: -20°C ~ +50°C, humidity: less than 85%;

Installation



1. Fix the bracket on the wall, then fix the camera on the bracket;



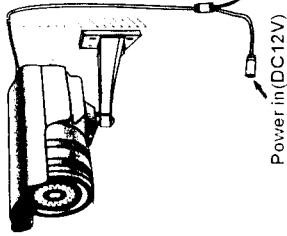
2. Turn the camera to a suitable position;

3. Fasten the camera and bracket.
Note: Adjust the lens (Focus and Zoom) by the two screws on the rear panel.

Focus adjusting screw
(Adjust focus of lens)
Zoom adjusting screw
(Adjust zoom of lens)



Rear Panel of monitor



4. Connect the camera to the monitor.



Attention:

- Be sure to connect power supply after all installation completed;
- Connect GND end with ground;

Specification

Image Sensor	SCW1-540-36-4-9	Color super hi-resolution camera	Color camera	Color camera	Color camera	Color camera
Effective pixels	PAL: 752(H)X582(V) NTSC: 768(H)X494(V)	1/3" SONY SUPER HAD CCD	1/3" COLOR SHARP CCD	1/4" SONY SUPER HAD CCD	1/4" COLOR SHARP CCD	1/4" COLOR SHARP CCD
Sensor area	4.9mmX3.7mm	PAL/NTSC		3.6mmX2.7mm		
Signal system	550TVL	480TVL	420TVL	420TVL	420TVL	420TVL
Horizontal resolution	0Lux (IR LED ON)					
Minimum illumination	Auto: 1/50(1/60)-1/100,000Sec					
Electronic shutter	>48dB					
S/I ratio	0.45					
Gamma	4-9mm Manual/Auto iris lens optional					
Lens	1.0Vp-p, 75Ω					
Video output	850nm					
IR wave length	DC 12V ± 10%					
Power supply	less than 3.0W					
Power consumption	35~40M					
IR distance						

Specifications are subject to change without notice