

DIGITAL VIDEO CAMERA

User manual

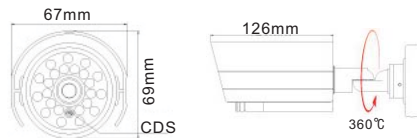
Weatherproof IR Camera

 23PCS Ø5MM IR LEDS



EN-CI20B Series

Interface




Warning & Attention



WARNING

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

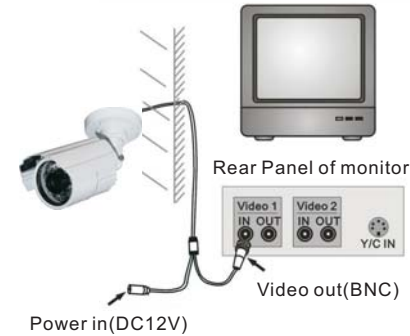


Attention:
To reduce the danger of electronic shock, please don't open the case (or back cover) of camera; everything is on the surface of camera for user operation, please seek help from qualified professionals for repair.

! 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



! Attention:

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

4. Connect the camera to the monitor.

Specification

Model	EN-CI20B-38	EN-CI20B-35	EN-CI20B-32	EN-CI20B-82
Camera Device	Color super Hi-resolution camera	Color super Hi-resolution camera	Color camera	Color camera
Image Sensor	1/3" SONY SUPER HAD CCD			1/4" COLOR SHARP CCD
Effective pixels	PAL:795(H)x596(V) NTSC:811(H)x508(V)	PAL:752(H)x582(V) NTSC:768(H)x494(V)	PAL:500(H)x582(V) NTSC:510(H)x492(V)	
Sensor area	4.9mmX3.7mm			3.6mmX2.7mm
Signal system	PAL / NTSC			
Horizontal resolution	540TVL	480TVL	420TVL	420TVL
Minimum illumination	0 Lux (IR LED ON)			
Electronic shutter	Auto:1/50(1/60)-1/100,000Sec			
S/N ratio	>48dB			
Gamma	0.45			
Lens	6mm (Optional 3.6mm, 4mm, 8mm)			
Video output	1.0Vp-p, 75Ω			
IR wave length	850nm			
Power supply	DC 12V±10%			
Power consumption	less than 3.0W			
IR distance	20M			

Specifications are subject to change without notice