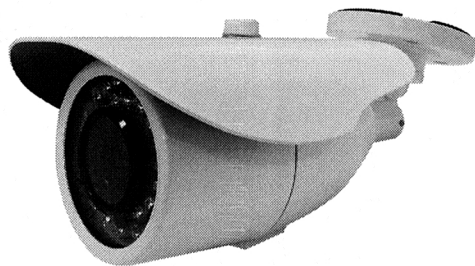


DIGITAL VIDEO CAMERA

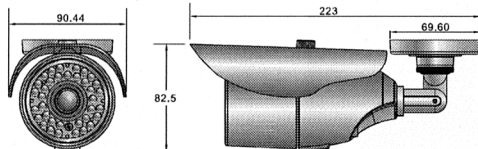
User's manual

IR Waterproof camera

36PCS Ø5MM IR LEDS



Schematic Diagram



Warning & Attention



WARNING

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



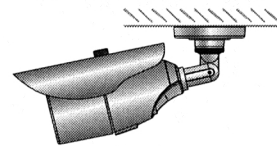
Attention:

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.

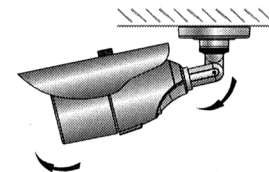
Attention items:

- Don't touch CMOS 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: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$, humidity: less than 90%;

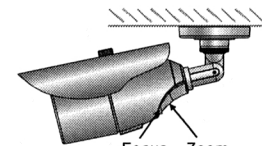
Installation



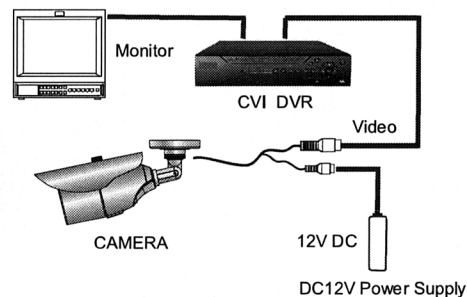
1. Fix the bracket on the wall, then fix the camera on the bracket;



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.



4. Connect the camera to the monitor.



Attention:

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

Specification

	Color super hi-resolution camera
Image Sensor	1/2.8" 2.0M SONY IMX322 Exmor CMOS
Effective pixels	1984(H) X 1105(V)
Sensor area	7.6mmX5.8mm
Scanning System	Progressive
Resolution	Digital: 1920×1080p(1080p/30fps) 1280×720p(720p/60fps) Analog: 700TVL
Day & Night	EXTERN, COLOR, B&W, AUTO
Minimum illumination	COLOR: 0.1Lux@(F2.0, AGC ON) B&W: 0.001Lux@(F2.0, AGC ON)
S/N ratio	>50dB(AGC Off)
White balance	AUTO
Lens	2.8-12mm
Video output	HD-CVI (1080P, 720P)
IR LED	36Pcs Φ5mm IR LED (wavelength 850nm)
IR distance	25-30M
Power supply	DC 12V ± 10%
Power consumption	less than 4.2W

Specifications are subject to change without notice