

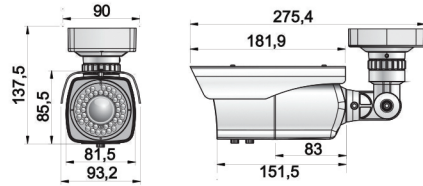
User Manual

IR Waterproof camera

42PCS Ø5MM IR LEDS



DIMENSIONS



WARNING

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



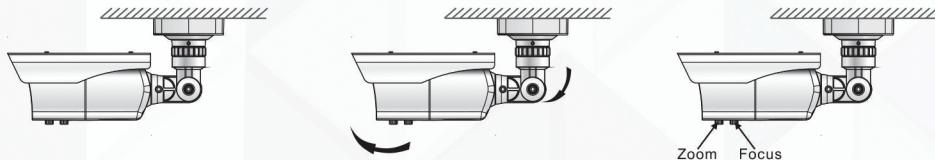
Attention:

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%;

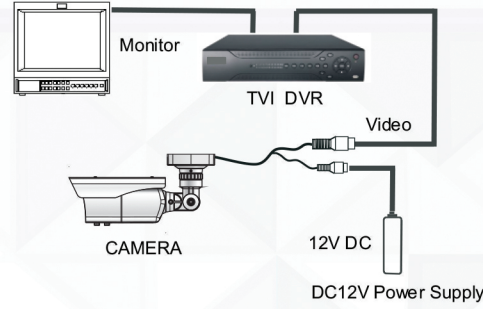
Installation



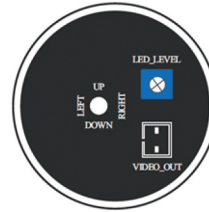
1. Fix the bracket on the wall, then fix the camera on the bracket;

2. Turn the camera to a suitable position;

Zoom Focus



5. Auto Focus Control.



UP/DOWN ----- (1) Adjusting the field angle of lens.

L/R ----- (2) Adjust the focus length to make image clear.

4. Connect the camera to the monitor.



Attention:

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

Specifications

Model#: TVIOB-SB2IRZW	
Camera	
Image Sensor	1/2.8" 2.0M SONY IMX322 Exmor CMOS
Effective Pixels	1984(H) X 1105(V)
Scanning System	Progressive
Sensor area	7.6mmX5.8mm
Resolution	Digital:1920x1080p(1080p/30fps) 1280x720p(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 Autofocal Lens
Video output	HD-TVI (1080P)
IR LED	42Pcs ø5mm IR LED (wavelength 850nm)
IR distance	80-95 Feet (25-30m)
Weatherproof	IP66
Other	
Power Supply	DC 12V ±10%
Power Consumption	< 5.6W
Operating Environment	- 10 °C ~ 50 °C, 10 % ~ 90 % humidity
Dimensions (in)	10.8in x 5.4in x 3.5in

Specifications are subject to change without notice