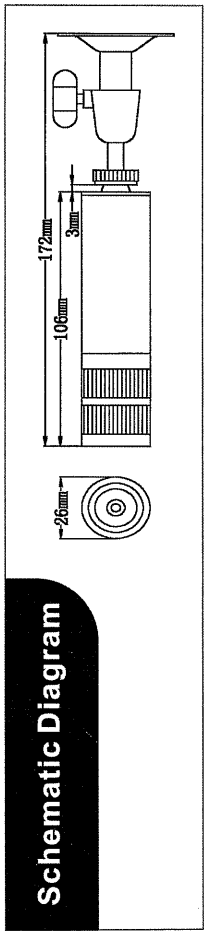


DIGITAL VIDEO CAMERA
User's manual

mini VF(varifocal) camera



Warning & Attention

WARNING

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

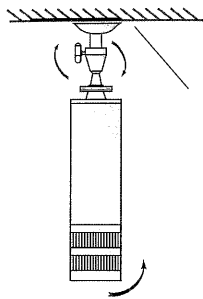
Attention:
To reduce the danger of electronic shock, please don't open the case (or back cover) of camera; everything is on the surface of camera for user's operation, please seek help from qualified professionals for repair.

Attention items:

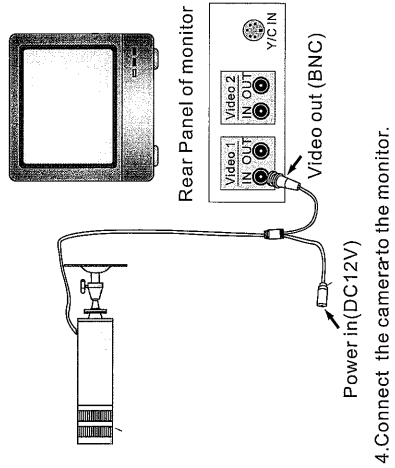
- Don't touch CCD or lens;
- Make camera away from violent attack;
- Don't use any unidentified power supply;
- Make camera lens away from strong light;
- Avoid installation in unstable places (shake, wet, high temperature, cold, etc);
- Avoid operation out of the following conditions, temperature:
-20℃~+50℃,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

Installation

fixed the bracket with screw, then adjust the lens to vivid view. as the right picture



Fix the camera on the base.



Attention:

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

Specification

Color hi-resolution camera			Color camera		
Image Sensor	1/3" SONY EFFIO CCD	1/3" SONY SUPER HAD II CCD	1/3" SONY SUPER HAD II CCD	1/4" SONY CCD	
Effective pixels	PAL:1020(H)X596(V) NTSC:1020(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	650TVL	600TVL	550TVL	450TVL	420TVL
Minimum illumination	0.01Lux	0.005Lux		0.05Lux	0.01Lux
Electronic shutter	Auto:1/50(1/60)-1/100,000Sec				
S/N ratio	>48dB				
Gamma	0.45				
Lens	4-9mm Optional)				
Video output	1.0Vp-p,75Ω				
Power supply	DC12V				
Power consumption	less than 1.5W				

Specifications are subject to change without notice