



## SUPER-MINI COLOR CCD CAMERA

# Manual



### Introduction

1. It can view the objects without outside light source, it is a full-function collector, The range of products feature have complete functions, compact volume, low power consumption, high sensitivity, easy to operate, install and hide.

2. It is extra suitable for video meeting, schools, supermarkets, shops, workshops, warehouses, offices, visual telephone, visual E-mail, PC multi-media- toys, games, monitoring, guardianship, anti-burglary, safeguard or other special tasks. This products can also work together with other equipment including micro-computer to realize such capabilities as documents filming, photographing, complex video signal PAL or NTSC.

3. This product is equipped with clip-type support, which can be detached at your option, or be used to adjust the location to your desired level. You can choose a best location then clip the support and adjust the installation angle to ideal level.

4. Besides, this product is connectable with other support to achieve higher flexibility. The working voltage of this product is DC +12V. (The supplied power source is recommendable). This product can be powered on for a long time, but the input voltage can not be exceed DC+12V, While current can not be exceed 250MA. The connection mode of the power lead is "+" for internal terminal, "-" for external terminal.

5. The yellow plug is video output cable, which can be connected with various of monitors and TV with video input jack to watch images.

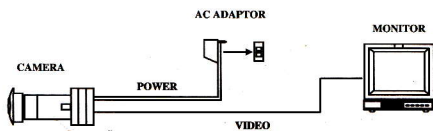
### Technical parameters

Image Sensor	1/3" 1/4" SONY CCD	1/3" 1/4" SHARP CCD
Signal System	PAL/NTSC	
Scanning System	NTSC:525 Lines,60 Field/Sec;PAL: 625 Lines 50 Field/Sec	
Scanning Area	1/3" : 4.9mm(H)x3.7mm(V); 1/4" :3.6mm(H)x2.7mm(v)	
Effective Pixels Number	NTSC:250K PAL:290K	
Horizontal Resolution	480 TV Lines	420 TV Lines
Video Output Level	1Vp-p 75ohm, Negative	
Gamma Characteristic	0.45	
S/N Ratio	More than 48dB	
Minimum Illumination	0.2 Lux	
White Balance	Auto	
Supplied Voltage	DC 12V	
Electronic Shutter	PAL: 1/50~1/100,000s; NTSC:1/60~1/100,000s	
Operation Temperature	-10C~+50C	
Storage Temperature	-20C~+60C	

**WARNING:** Audio Video recording generally requires consent of parties involved. Consumer must check and follow local, State and Federal laws governing possession and use of audio and video surveillance equipment before purchasing and using this product.

## CONNECTORS AND CONTROLS

### 1. one monitor system with one camera.



### 2. One monitor system with two or more cameras.

