

# AV-209

## Mini Camera



### FEATURES

1. Wide coverage viewing angle
2. 3-axis design for easy installation
3. Illumination:0.5LUX
4. Lead (Pb) Free RoHS Compliance
5. Digital Signal Processor:CXD3142
6. High performance and stability with resolution: 420TVL
7. The Minimum Illuminations: 0Lux@F2.0 w/IR LED ON
8. Long life and high reliability are achieved by the use of a CCD image device.
9. No focus shift in the nighttime.
10. Relatively no interference from magnetic or electrostatic field.
11. Ease of use in any application is achieved through the small shape.
12. Lower power consumption.

### CAUTION

1. **Never point the camera toward the sun**  
Do not expose the lens directly to the sun or to strong light as this may damage the pick-up device.
2. **Handle this camera with care**  
Avoid any shock of the camera. Improper handling could damage the camera.
3. **Requires a proper operating environment**  
This camera is designed for both indoor and out door use. The allowable temperature range for operation of this camera is between  $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$  and the allowable humidity is 85% maximum.
4. **Check the power source voltage**  
The power source voltage should be within the specified range. (Camera must meet the specification)
5. **Damage Requiring Service**  
Unplug this video product from the wall outlet and refer service to qualified servicing personnel under the following conditions:
  - a. When the power-supply cord or plug is damaged.
  - b. If liquid has been spilled, or objects have fallen into the video product
  - c. If the video product has been exposed to rain or water.
  - d. If the cabinet has been damaged.
  - e. When the video product exhibits a distinct change in performance.

### SPECIFICATION

Signal System	PAL/NTSC System
Image Sensor	1/4" SONY Super HAD CCD
Effective Pixels	PAL:512(H)x582(V) NTSC:512(H)x492(V)
Resolution	420TVL
Minimum Illumination	0Lux (W/IR) IRLED ON at 2Lux, controlled by a CDS Sensor
Water proof Level	NO
Synchronizing System	Internal
Scan System	2:1 Interlance
Signal to Noise Ratio	More than 48dB
E.S Speed	Automatic, 1/50(60) sec.~1/100,000sec.
Gamma Control	0.45
Gain Control	Automatic
AWB	Automatic 2,500°K ~9,500°K
Video Output	1Vp-p Composite / 75Ω
IR LED	NO
Lens	3.7MM Pinhole Lens
IR Distance Wavelength	10M 850 nm
IR LED Power Switchable	CDS Auto Control
Power Supply	12Vdc±10%
Power Consumption	IR on:3.6W(320mA);IR off:1.8W(110mA)
Operation Temperature	-10°C~+50°C
Operation Humidity	RH85% or less
Weight	100g