

JCC-918

1/3" Color Board CCD Camera



FEATURES

1. Long life and high reliability are achieved by the use of a CCD image device. This makes the camera 100 per cent solid state. No longer is an image tube needed.
2. Performance: 480TVL

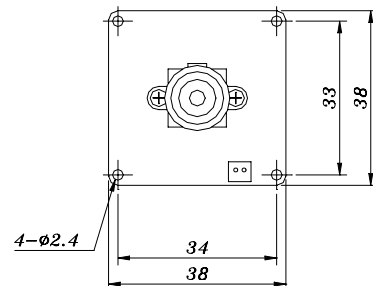
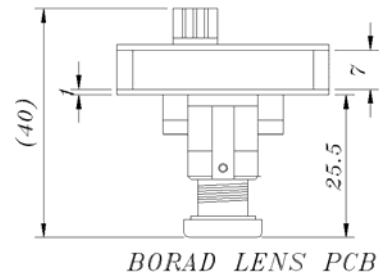
CAUTION

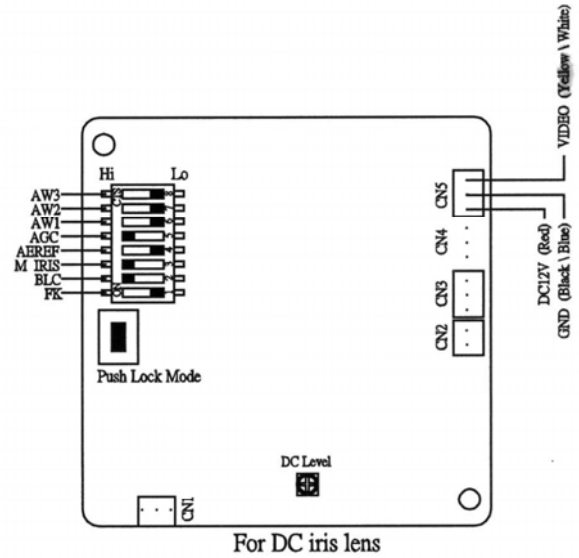
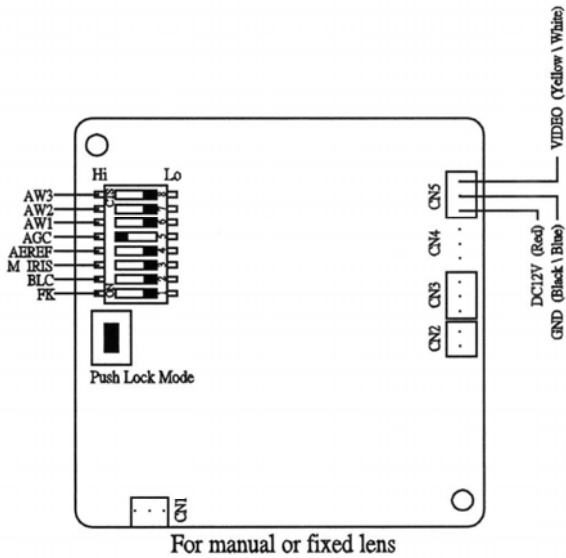
1. **Never point the camera toward the sun**
Do not expose the lens directly to the sun or to strong light as this may damage the pick-up device.
2. **Handle this camera with care**
Avoid any shock or bumping of the camera. Improper handling could damage the camera.
3. **Requires a proper operating environment**
This camera is designed for indoor use. The allowable temperature range for operation of this camera is between -10°C ~ 50°C and the allowable humidity is 85% maximum. If the camera is to be placed outdoors, a special weatherproof housing, which also has heaters and cooling device included, should be used.
4. **Clean the front face to the pick-up device**
It is recommended that the pick-up device surface be cleaned before lens installation or whenever the lens is changed. Cleaning should be done using a chamois, a very fine soft cloth, lens tissue or cotton tipped applicator and ethanol to carefully remove any fingerprints or dust.
5. **Check the power source voltage**
The power source voltage should be within the specified range. (Camera must meet the specification)
6. **Object and Liquid Entry**
Never push objects of any kind into this may touch dangerous voltage points of short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the video product.
7. **Servicing**
Do not attempt to service this video product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
8. **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 video products.
 - c. If the video product has been exposed to rain or water.
 - d. If the video product has been dropped or the cabinet has been damaged.
 - e. When the video product exhibits a distinct change in performance

SPECIFICATION

TV System	NTSC	PAL
Image Sensor	1/3" Sony Super HAD CCD	
Number of Pixels	811(H)x508(V)	795(H)x596(V)
Synchronizing System	Internal	
Resolution	480TVL	
Minimum Illumination	0.35Lux@F2.0	
BLC	On / OFF (Switchable)	
Gain Control	On / OFF (Switchable)	
Electronic Shutter Speed Mode	On / OFF (Switchable)	
Signal to Noise Ratio	More than 48dB (AGC Off)	
Video Output	1Vp-p Composite / 75Ω	
White Balance	ATW / AWB	
Power Supply	12Vdc	
Power Consumption	2.5W	
Board Lens	Standard: f3.6mm / F2.0 Option: f2.5,2.9,4.3,6.0,8.0,12.0,16.0mm	
Pinhole Lens	Option: f3.7 or 4.3mm / F2.0	
Operation Temperature	-10°C ~ $+50^{\circ}\text{C}$	
Operation Humidity	RH85% or less	
Storage Temperature	-20°C ~ $+60^{\circ}\text{C}$	
Dimensions	38x 38x 2 Layers	
Weight	30g	

DIMENSIONS (Unit : mm)

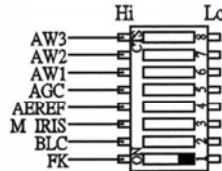




Dip Switch Setting

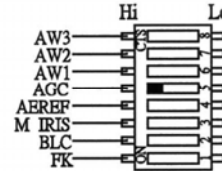
SW1. FK- Flickerless mode switch:

Hi: Flickerless On
Lo: Flickerless Off



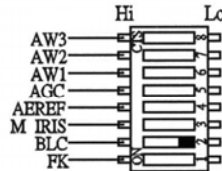
SW5. AGC- Auto gain control: You can adjust the AGC between 20dB (Lo) and 26dB (Hi)

Hi: 26dB
Lo: 20dB



SW2. BLC- Back Light Compensation:

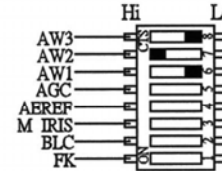
Hi: BLC Off
Lo: BLC On



SW6. White Balance Adjustment

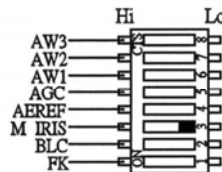
6.1 AWB:Auto white balance mode: As following AW1, AW2 and AW3 setting

AW1: Lo
AW2: Hi
AW3: Lo



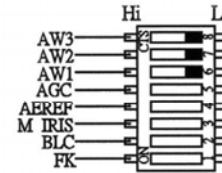
SW3. M Iris- Iris mode selection:

Hi: AES Off For Video/DC auto iris lens
Lo: AES On For manual or fixed



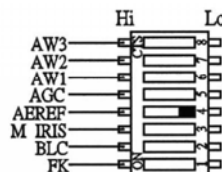
6.2 ATW:Auto Tracking White balance mode: As following AW1, AW2 and AW3 setting

AW1: Lo
AW2: Lo
AW3: Lo



SW4.AEREF:AE Convergence level selection.

Hi: User
Lo: 100 IRE



6.3 Push Lock Mode:Convergence work at faster operating speed than ATW frame or other limitations.

Setting AW1, AW2 and AW3 as following then push button till satisfying picture quality.

AW1: Lo
AW2: Hi
AW3: Hi

