



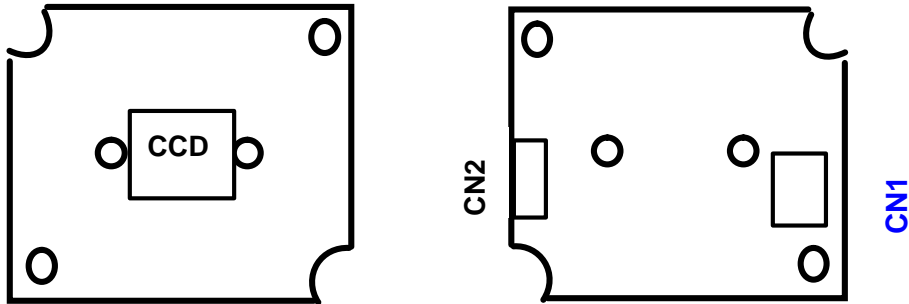
1/4" Color CCD board camera
Model : PK- 575 (PAL)

- High Resolution
- Wide supply voltage +5 to +12V DC
- Low noise/High reliability (protection for heat)

1.Specifications

Model Name	PK – 575
Signal format	PAL
Image sensor	1/4" interline CCD
Number of Pixel	752(H) x 582(V)
Scanning System	2 :1 Interlace
Synchronization	Internal
Horizontal Frequency	15.625 kHz
Vertical Frequency	50.00 Hz
Horizontal Resolution	480 TV lines
Video Output level	1.0Vp-p, 75 ohm (Video 0.714Vp-p, Sync. 0.286Vp-p)
Burst level	0.286 Vp-p
S/N ratio	48dB or better (gamma=1, AGC=off, Aperture=off, Luminance signal)
STD Scene Illumination	1000 lx F4.0
Min. Illumination	0.2 lux (Video Output 50%, AGC ON, w/o IR cut filter, F1.4)
? Correction	0.45
AGC	+ 18 dB Max.
ALC	Electrical IRIS
Electrical Shutter	1/50 to 1/120,000 sec.
Power Supply Voltage	DC +5V to 12V
Power Supply Current	Max 70mA (at DC+12V)
Storage temperature humidity	-20°C to +65°C Max. 90%(No condensation)
Operating temperature humidity	-10°C to +60°C Max.80%(No condensation)
Dimensions	26(W) x 22(H)
Weight	5g without lens

2. Connections



CN1

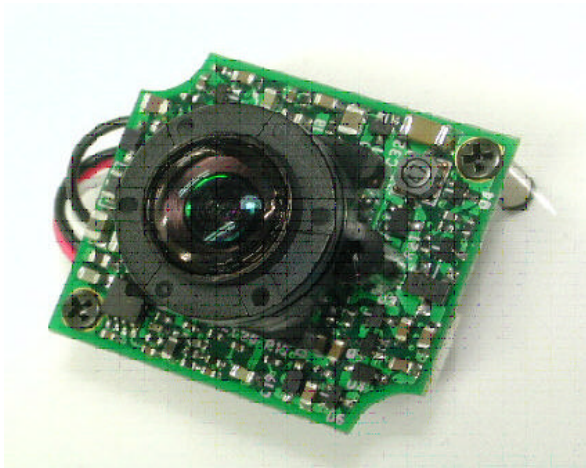
1. + 12V DC in
2. Power GND
3. Video Output
4. GND

CN2

I/F for Factory setting

3. Measures for High Reliability :

- a) Using High temperature & low tolerance type Components
- b) Using Fuse for Over-current protection & Diode for Reverse current protection
- c) Using Ceramic capacitors instead of Tantalum capacitor (to avoid defect by high temperature)
- d) No Optical Low Pass Filter (IR cut filter) used – standard type
- e) Aspherical Plastic Lens (to avoid defect of glass lens by vibration)



PK-575
with
Aspherical lens
(horizontal 80°)