



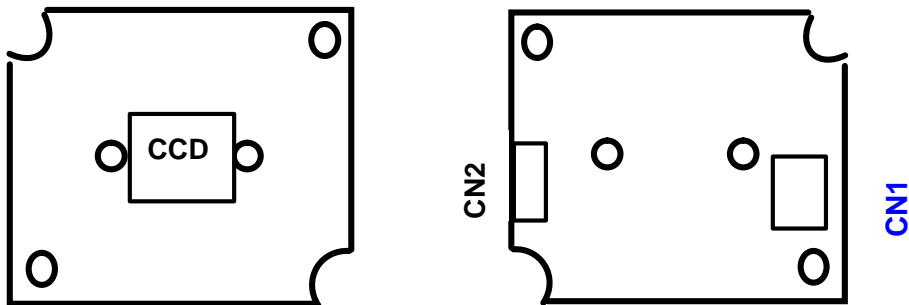
**1/4" Color CCD board camera
Model : PK- 575 (PAL)**

- 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

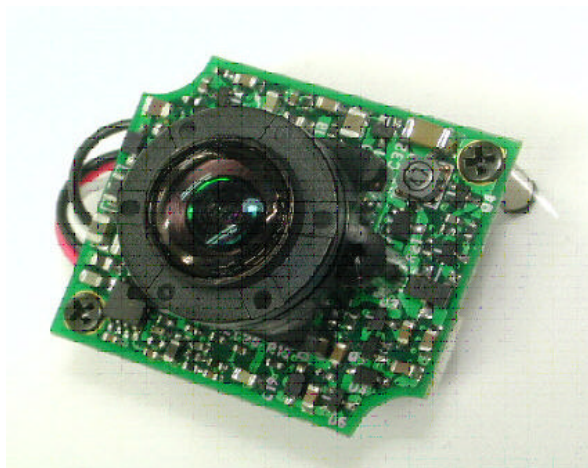
1. + 12V DC in
2. Power GND
3. Video Output
4. GND

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°)