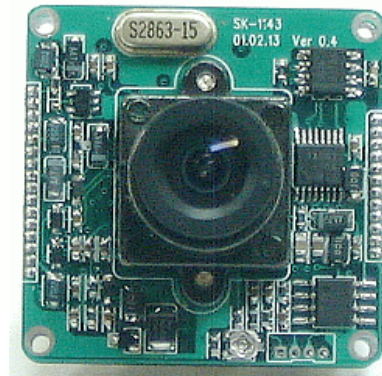




**CATEGORY**

Board Type High-Resolution Camera module.

SK-1143



**SPECIFICATION**

Image Sensor : 1/3" CCD SONY

Effective Pixel : 786(H) X 494(V)(NTSC) , 752(H) X 582(V)(PAL)

Cell Size (**micron**) : 6.35(H) X 7.4(V)(NTSC) , 6.5(H) X 6.25(V)(PAL)

Resolution : HORI. 460 TV LINE

TV Type : NTSC, PAL

Sync. Type : Internal

Scanning System : 2:1 Interlace

Scanning Frequency Horizontal : 15.934 KHz(NTSC) , 15.625 KHz(PAL)

Scanning Frequency Vertical : 59.94 Hz(NTSC) , 49.95 Hz(PAL)

Video Output : 1.0 Vp-p (Sync. Negative) Termination 75 ohms

Gamma Characteristic : 0.45 typ.

Min. Illumination : 0.3 Lux

(F/#2.0 , f=3.6mm, Video output 40 IRE)

S/N Ratio : 45dB or More (AGC OFF)

Gain Control : Automatic

Shutter Speed : 1/60 ~ 1/100,000 second(NTSC) , 1/50 ~ 1/100,000 second(PAL)

Test Illuminance Area : Average test illuminance by front view

Power Supply : Regulated DC 12.0V

Consumption Current : 180mA (At DC 12V) Max.

Reverse Polarity Protection : Yes

Lens Mount : Fixed Lens Mount

Operation Temp. : -10°C ~ 50°C

Preservation Temp. : -30°C ~ 80°C

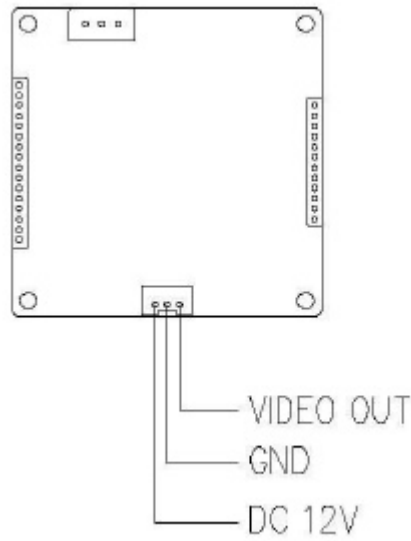
Dimension : 38(W) X 38(D) X 40.4(H) mm

Weight : Approx. 38g

**OPTION**

optional lens(mm) : 3.6 , 4.3 , 6 , 8 , 12 , 16 normal lens

INTERFACE SPECIFICATION



When the connector is located as shown in the above picture, monitor gives upright picture.

I/O Connector Function

Usage : Composite video signal out for power input

Pin Array :	DC 12V (RED)	DC Power input (Regulated DC 12.0V)
	GND (BLACK)	Power and Video signal in common
	Video Out (YELLOW)	Video signal output

