



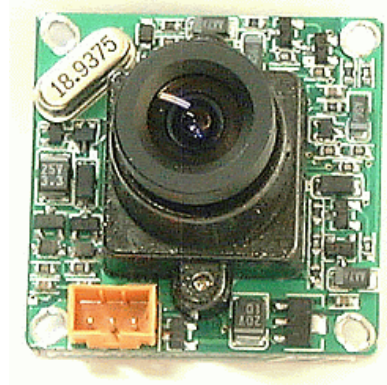
B/W ULTRA HIGH SENSITIVITY CCD CAMERA MODULE

SK-1004X

CATEGORY

SONY EXview HAD CCD Board Type Camera module.

SK-1004X



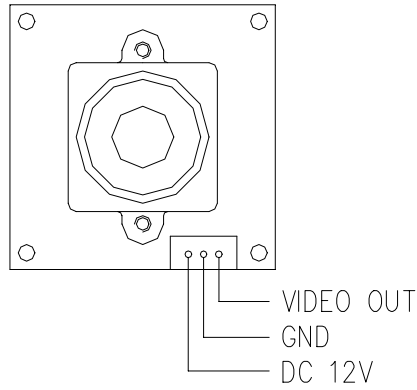
SPECIFICATION

Image Sensor : 1/3" EXview HAD CCD SONY
Effective Pixel : 510(H) X 492(V)(EIA) , 500(H) X 582(V)(CCIR)
Cell Size **5MICRON**: 9.6(H) X 7.5(V)(EIA) , 9.8(H) X 6.3(V)(CCIR)
Resolution : HORI. 400 TV LINE
TV Type : EIA , CCIR
Sync. Type : Internal
Scanning System : 2:1 Interlace
Scanning Frequency Horizontal : 15.934 KHz(EIA) , 15.625 KHz(CCIR)
Scanning Frequency Vertical : 59.94 Hz(EIA) , 49.95 Hz(CCIR)
Video Output : 1.0 Vp-p (Sync. Negative) Termination 75 **ohms**
Gamma Characteristic : 0.45 typ.
Min. Illumination : 0.003 Lux EXview HAD CCD SONY
(F/#2.0 , f=3.6mm Video signal output 40 IRE)
S/N Ratio : 45dB or More (AGC OFF)
Gain Control : Automatic
Shutter Speed : 1/60 ~ 1/100,000 second(EIA) , 1/50 ~ 1/100,000 second(CCIR)
Test Illuminance Area : Average test illuminance by front view
Power Supply : Regulated DC 12.0V
Consumption Current : 110mA (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 : 32(W) X 32(D) X 27.2(H) mm
Weight : Approx. 30g

OPTION

optional lens(mm) : 2.45, 2.96, 3.2, 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

I/O CABLE

I/O Harness is necessary for the product.

