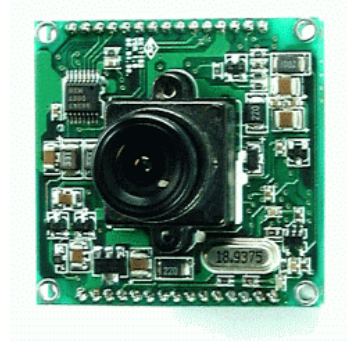




**CATEGORY**

SONY EXview HAD CCD Board Type Camera module.

SK-1102X



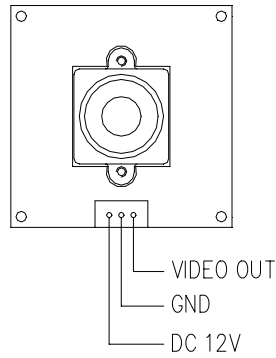
**SPECIFICATION**

Image Sensor : 1/3" EXview HAD CCD SONY  
Effective Pixel : 510(H) X 492(V)(NTSC) , 500(H) X 582(V)(PAL)  
Cell Size (**microns**) : 9.6(H) X 7.5(V) NTSC , 9.8(H) X 6.3(V) PAL  
Resolution : HORI. 330 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 : 0.05 Lux  
(F/#2.0 , f=3.6mm, Video output 40 IRE)  
S/N Ratio : 45dB or More (AGC OFF)  
AGC/AWB : ON  
BLC : ON / 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 : 42(W) X 42(D) X 39.5(H) mm  
Weight : Approx. 38g

**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.

