

Module CAMERA

1/3" SONY SUPER HAD COLOR CCD 520TVL High Resolution Module



SPECIFICATION

MODEL	ECM – 8032ST	
Main Chip Set	Sony DSP (SS - HQ1)	
Image Sensor	Sony – 1/3Inch Super HAD Color CCD	Sony – 1/3Inch Super HAD Color CCD
Effective pixels	768 (Horizontal) x 494 (Vertical)	752 (Horizontal) x 582 (Vertical)
Video System	NTSC TV System	PAL TV System
Scanning system	NTSC : 525 Lines PAL : 625 Lines, 2:1 Interlaced	
Scanning Frequency	15.734 [KHZ]/H 59.94 [HZ]/V	15.625 [KHZ]/H 50 [HZ]/V
Shutter speed	1/60 ~ 1/100,000 sec	1/60 ~ 1/100,000 sec
Sync system	Internal Sync	
H - Resolution	520 TV Lines	
S/N Ratio	48 [dB] / AGC Off	
Minimum Illumination	0.1 Lux (F : 2.0 / 30 IRE)	
Gamma	0.45 Approx	
CCD Level Control	ELC / ALC	
AGC Gain Control	Automatic (0 ~ 18dB)	
White Balance	Automatic White Balance	
C. Video Output	VBS 1.0 Vp-p / 75 ohm	Video : 0.7 Vp-p / Sync : 0.3Vp-p / Burst : 0.3Vp-p
Input Voltage	DC 9V ~ 16V	
Current	Max : 180mA +/- 10mA (at 12VDC)	
Operating Temp	- 20 ° C ~ +50° C	
Dimentions	32mm x 32mm (Two – Board (38mm x 38mm available))	
Option	DC Auto Iris Lens	
	Audio	
Dip Switch	BLC / Flicker on - off	

