

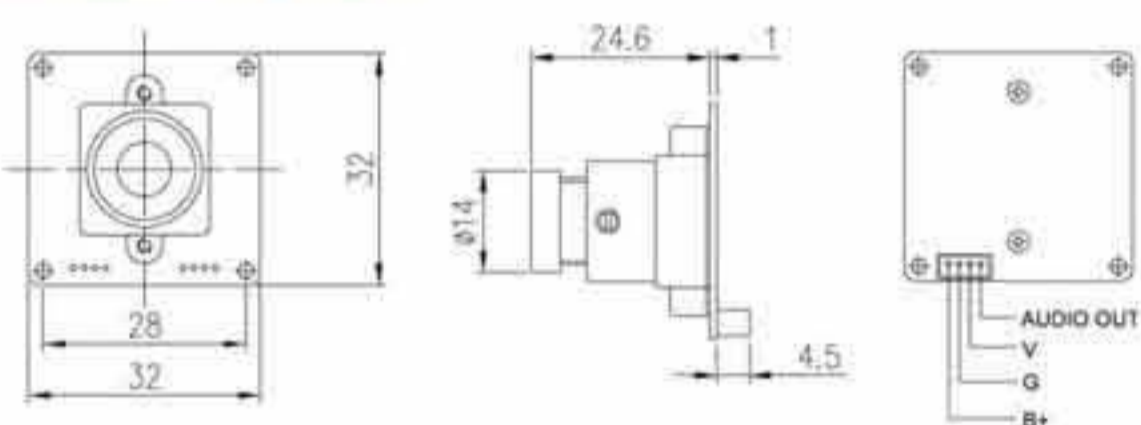
# COLOR CAMERA MODULE

## SK-M504

1/3" SONY COLOR CCD



### DIMENSION



### SMALL SIZE (32 X 32mm)



### High sensitivity COLOR 1/3" SONY HAD CCD

Standard resolution

### PINHOLE LENS AVAILABLE

Conical Pin hole lens  
or Flat Pinhole Lens  
Audio available (option)

### CE, FCC APPROVED



### Specification

	SK-M504
Image sensor	1/3" SONY COLOR CCD
Effective pixel	510(H)X492(V)PIXEL(NTSC), 500(H)X582(V) PIXEL(PAL)
Cell size	9.6uM(H)X7.5uM(V)(NTSC), 9.8uM(H) X 6.3uM(V) (PAL)
Resolution	HORI : 330TV LINE
TV Type	NTSC, PAL
SYNC. Type	INTERNAL
Horizontal Scanning System	15.734 KHz( NTSC), 15.625 KHz( PAL)
Vertical Scanning System	59.94 Hz( NTSC), 50 Hz( PAL)
Video output	1.0 Vp - p (Sync. Negative) Termination 75 Ω ±10%
Gamma Characteristic	$\gamma = 0.45$ typ.
Lens Mount	Fixed Mount
Weight	Approx. 50g
Min. Illumination	0.1 Lux ( F/2.0)
S/N Ratio	45dB (AGC OFF)
Gain Control	AUTOMATIC
Shutter	1/60 ~ 1/100,000 sec(NTSC), 1/50 ~ 1/100,000 sec(PAL)
LENS	fixed focal Board lens
Test Illuminance Area	Average test Illuminance by front view
Power Supply	Regulated DC 12.0 V ±10%
Consumption Current	140mA Max. (at DC 12V) W/O AUDIO 150mA Max. (at DC 12V) W/AUDIO
Reverse Polarity Protection	YES
Audio Gain (Option)	40dB ± 20dB
Max Output (Option)	600 Ohm MAX 3 V p - p
Freq. Responses (Option)	300 Hz ~ 20,000 Hz
Audio S/N Ration (Option)	- 45dB
Operation Temp	- 10 ~ 50°C
Preservation Temp	- 20 ~ 60°C
Dimension	32(W) x 32(H) x 24.6(L)mm



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