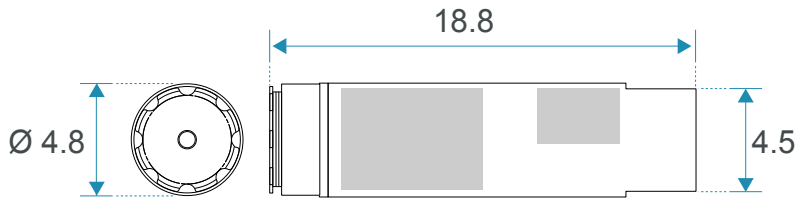


Board Type



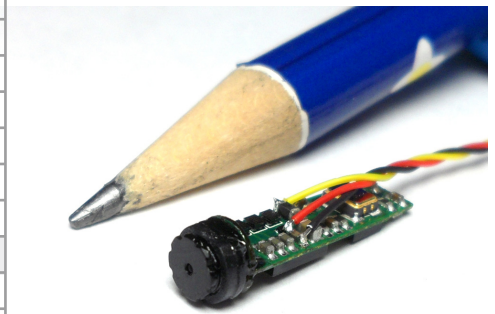
Feature

- High Sensitivity!
- High Performance.
- 1/8" CCIQ II Color
- Ø 4.8 mm only
- 656 x 496 Pixel

Specification

unit : mm (±0.5)

Model	MO-B0804	MO-B0804K
Pixel size	2.8 um x 2.8um	
Effective Image Area	1.837 mm x 1.389 mm	
Video system	NTSC / PAL	
Number of effective pixels	656 x 496 (NTSC & PAL)	
Image sensor	1/8" CCIQ II Color Camera	
Resolution(TV Lines)	400 TV Lines	
S/N Ratio	41.6 dB	
Dynamic range	56.4 dB	
Sensor scan mode	progressive scan	
Minimum illumination	1LUX / F1.2	
Max. Frame Rate	30 fps.	15 fps.
Sensitivity	0.94V /Lux.sec	
Horizontal sync frequency	NTSC -15.734kHz , PAL - 15.625kHz	
Vertical sync frequency	NTSC - 60Hz , PAL - 50Hz	
Camera consumption	0.45	
Video output	1Vp-p , 75ohm composite	
Built - lens	1.85mm/ F2.8	
Storage temperature	-30 to 60 Degree C	
Working temperature	-10 to 45 Degree C	
Power source	DC 3.3~5V	
Power current	130 mA(max)	
Dimension (mm)	(D) 4.8 (mm)	



MO-B0804

Order information

Model	LED	Max. Frame Rate	Built-in Lens
MO-B0804L	LED x 4	30 fps.	1.85mm/ F2.8
MO-B0804LK	LED x 4	15 fps.	1.85mm/ F2.8

Lens Information (There are three lenses apply to MO-B0804)

Image	Model	Lens	Dimension(mm)	Note
	LP1532IR-M35	1.498mm/ F 3.2 with IR filter (Image circle :2.4mm)	M3.5/P0.3	focus Distance : infinity
	LP1550IR-M35	1.498mm/ F 5.0 with IR filter (Image circle :2.4mm)	M3.5/P0.3	enhance DOF : middle
	LP1570IR-M35	1.498mm/ F 7.0 with IR filter (Image circle :2.4mm)	M3.5/P0.3	enhance DOF : High

Other information

MO-B1003

- 1/10" CCIQ II
 - Lens : 2.5 mm Only !!
- 1/10" Color CCIQ II Camera
Pixel : 400 x 400 (NTSC / PAL)

Sensor board:(D)2.5 x 5 (mm)
+
Main board: 70 x 15(mm)

