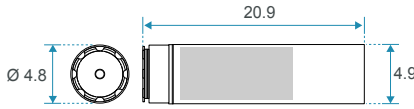
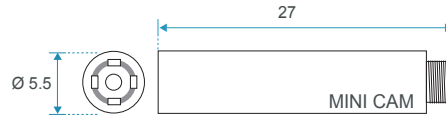


MO-B8F4 ,MO-B8S4



MO-T8F4LW ,MO-T8S4LW



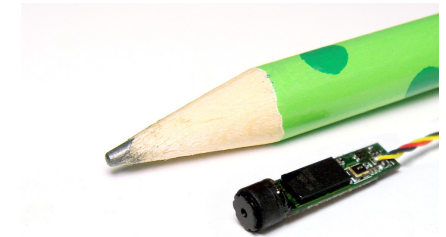
Feature

- High Sensitivity!
- High Performance.
- 1/8" CCIQ III Color
- Ø 4.8 mm only
- 648 x 488 Pixel

Specification

unit : mm (±0.5)

Model	MO-B8F4	MO-B8S4	MO-T8F4	MO-T8S4
Pixel size	2.8 um x 2.8um			
Effective Image Area	1.814 mm x 1.366 mm			
Video system	NTSC / PAL			
Number of effective pixels	648 x 488 (NTSC/PAL)			
Image sensor	1/8" CCIQ III Color Camera			
Resolution(TV Lines)	400 TV Lines			
S/N Ratio	40.8 [dB]			
Dynamic range	60.3 [dB]			
Sensor scan mode	progressive scan			
Minimum illumination	1LUX / F1.2			
Max. Frame Rate	30 fps.			
Sensitivity	1.06 [V/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	1.498mm/ F3.2			
Storage temperature	-30 to 60 Degree C			
Working temperature	-10 to 45 Degree C			
Power source	DC 3.3V			
Power current	130 mA(max)			
Dimension (mm)	(D) 4.8 x 20.9 (mm)		(D) 5.5 x 27 (mm)	



MO-B8F4 ,MO-B8S4



MO-T8F4LW ,MO-T8S4LW



MO-T8F4LW ,MO-T8S4LW

Order information

Model	Max. Frame Rate	AGC	Note
MO-B8F4	30 fps.	AGC 8X (for Endoscope application)	board only
MO-T8F4			Tube type
MO-T8F4L			White LED x 4, Tube type
MO-B8S4		AGC 32X (for Surveillance application)	board only
MO-T8S4			Tube type
MO-T8S4L			White LED x 4, Tube type

MO-T8F4L L: white LED x 4

Ordering in advance:

1. Lens distortion compensation(supports fisheye lens up to 190 degree horizontal view)
2. DAC(Digital to Analog Converter) up to 10-bit
3. Frame rate conversion

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)

