

PCMP023

Micro Polyview optics for 2/3", C-mount

SPECIFICATIONS

Detector type		2/3"
Image circle Ø	(mm)	6.6

Max object inspection height

With 2.5 mm diameter	(mm)	6
With 5.0 mm diameter	(mm)	4.5
With 7.5 mm diameter	(mm)	3
With 10.0 mm diameter	(mm)	1

Optical specifications

Wavelength range	(nm)	450...650
Working distance	(mm)	1.5...5
CTF @ 50 lp/mm	(%)	> 40
wF/# 1		8

Mechanical specifications

Diameter	(mm)	119
Length	(mm)	262
Mass	(g)	980
Mount		C

Electrical specifications

Illuminator voltage	(V, DC)	24
Illuminator power consumption	(W)	18

Last update: 2017-12-15

NOTES

- Working distance: distance between the front end of the mechanics and the object. Set this distance within +/- 3% of the nominal value for maximum resolution and minimum distortion.
- F/# = F-number, wF/# = working F-number, the real F-number of a lens when used as a macro.

COMPATIBLE PRODUCTS

Despite the efforts made to generate an error-free compatibility list, we always recommend to consult the Opto Engineering® technical support department before purchasing a compatible product. Opto Engineering® shall not be liable for any damage or malfunctioning caused by the incorrect selection of a compatible product.



Accessories

Accessories and add-ons to make the most of Opto Engineering lenses.

PCMPMIRR	Replacement mirror array for PCMP series
RT-mvBC-X104iC	CMOS camera GIGE, 2064 x 1544 color, 1/1.8", 37 Hz, IR cut, C-mount, I/O
RT-mvBC-X105bC	CMOS camera GIGE, 2464 x 2056 Colour sensor, 2/3", 23.5 Hz, IR cut, C-mount, I/O



COE-U series

USB 3.0 GenICam® cameras

COE-050-M-USB-050-IR-C	Area Scan camera IMX264, CMOS, Global shutter, 2448 x 2048, 5 MP, 3.45 pix, 2/3", Gray, 35 fps, USB 3.0, C - mount, Glass filter
COE-023-M-USB-060-IR-C	Area Scan camera IMX249, CMOS, Global shutter, 1920 x 1200, 2.3 MP, 5.86 pix, 1/1.2", Gray, 41 fps, USB 3.0, C - mount, Glass filter
COE-023-C-USB-060-IR-C	Area Scan camera IMX249, CMOS, Global shutter, 1920 x 1200, 2.3 MP, 5.86 pix, 1/1.2", Color, 40 fps, USB 3.0, C - mount, Infrared cut filter



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mvBlueFOX3-2 series

USB3 vision camera with Sony Pregius CMOS sensors

[RT-mvBF3-2051a](#) USB3 Vision camera with Sony Pregius CMOS sensor IMX264

[RT-mvBF3-2051](#) USB3 Vision camera with Sony Pregius CMOS sensor IMX250



mvBlueCOUGAR series

GigE & Dual GigE Vision cameras

[RT-mvBC-X105b](#) Camera with interface GigE (1GB/s), sensor size 2/3", mpixel 5.07, resolution 2464 x 2056, sensor name IMX264, sensor type CMOS

[RT-mvBC-XD105a](#) Camera with interface Dual GigE (2GB/s), sensor size 2/3", mpixel 5.01, resolution 2448 x 2048, sensor name IMX250, sensor type CMOS
