

# PC12030XS

Pericentric lens for 1/2" detectors

## SPECIFICATIONS

Detector type		1/2"
Image circle Ø	(mm)	4.8

### Field of view (diameter x height)

Minimum	(mm x mm)	10 x 5
Typical	(mm x mm)	30 x 30
Maximum	(mm x mm)	55 x 15

### Optical specifications

Wavelength range	(nm)	450 .. 650
Working distance	(mm)	20 .. 80
CTF @ 50 lp/mm	(%)	> 30
F/#		4-16

### Mechanical specifications

Diameter	(mm)	116
Length	(mm)	378
Mass	(g)	2950
Mount		C

Last update: 2017-12-15

## 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.



### LTLADC series

Continuous LED low angle direct ringlights

<a href="#">LTZZO170-75-3-W24V</a>	LED low angle ringlight, 3 LED rows, outer diameter 175 mm, 75°, white, 24V
<a href="#">LTZZO170-75-3-R-24V</a>	LED low angle ringlight, 3 LED rows, outer diameter 175 mm, 75°, red, 24V
<a href="#">LTZZO170-75-3-G-24V</a>	LED low angle ringlight, 3 LED rows, outer diameter 175 mm, 75°, green, 24V
<a href="#">LTZZO170-75-3-B-24V</a>	LED low angle ringlight, 3 LED rows, outer diameter 175 mm, 75°, blue, 24V



### LTRNOB series

LED ring illuminators - oblique type

<a href="#">LTRN210R20</a>	Ring LED illuminator, inner diam. 116.5 mm, oblique type, red 630 nm
<a href="#">LTRN210G20</a>	Ring LED illuminator, inner diam. 116.5 mm, oblique type, green 525 nm
<a href="#">LTRN210B20</a>	Ring LED illuminator, inner diam. 116.5 mm, oblique type, blue 470 nm
<a href="#">LTRN210W20</a>	Ring LED illuminator, inner diameter 116.5 mm, oblique type, white



### LTRNOBHP series

High power LED ring illuminators, oblique type

<a href="#">LTRNHP210R20</a>	High power LED ring illuminators, oblique type, inner diam. 116,5mm, red, 625 nm
<a href="#">LTRNHP210G20</a>	High power LED ring illuminators, oblique type, inner diam. 116,5mm, green, 525 nm
<a href="#">LTRNHP210B20</a>	High power LED ring illuminators, oblique type, inner diam. 116,5mm, blue, 475 nm
<a href="#">LTRNHP210W20</a>	High power LED ring illuminators, oblique type, inner diam. 116,5mm, white, 6200 k

CMHO series



All product specifications and data are subject to change without notice to improve reliability, functionality, design or other. Photos and pictures are for illustration purposes only.



## Clamping mechanics

**CMHO080** Clamping mechanics for TCxx072, TCxx080, LTCLHP080-X illuminators and PCxx030XS



## OI series

Replacement ocular lenses

**OIXS12030** Replacement ocular lens for PC12030XS optics



## COE-G series

GenICam® PoE cameras

**COE-013-M-POE-030-IR-C** Area Scan camera PYTHON 1300, CMOS, Global shutter, 1280 x 1024, 1.3 MP, 4.8 pix, 1/2", Gray, 90 fps, GigE, POE, C - mount, Glass filter

**COE-013-C-POE-030-IR-C** Area Scan camera PYTHON 1300, CMOS, Global shutter, 1280 x 1024, 1.3 MP, 4.8 pix, 1/2", Color, 90 fps, GigE, POE, C - mount, Infrared cut filter

**COE-032-M-POE-040-IR-C** Area Scan camera IMX265, CMOS, Global shutter, 2048 x 1536, 3.1 MP, 3.45 pix, 1/1.8", Gray, 37.5 fps, GigE, POE, C - mount, Glass filter

**COE-032-C-POE-040-IR-C** Area Scan camera IMX265, CMOS, Global shutter, 2048 x 1536, 3.1 MP, 3.45 pix, 1/1.8", Color, 37.5 fps, GigE, POE, C - mount, Infrared cut filter

**COE-063-M-POE-040-IR-C-B** Area Scan camera IMX178, CMOS, Rolling shutter, 3072 x 2048, 6.3 MP, 2.4 pix, 1/1.8", Gray, 17 fps, GigE, POE, C - mount, Glass filter

**COE-063-C-POE-040-IR-C** Area Scan camera IMX178, CMOS, Rolling shutter, 3072 x 2048, 6.3 MP, 2.4 pix, 1/1.8", Color, 17 fps, GigE, POE, C - mount, Infrared cut filter

**COE-122-M-POE-041-IR-C** Area Scan camera IMX226, CMOS, Rolling shutter, 4024 x 3036, 12.2 MP, 1.85 pix, 1/1.7", Gray, 9.6 fps, GigE, POE, C - mount, Glass filter

**COE-122-C-POE-041-IR-C** Area Scan camera IMX226, CMOS, Rolling shutter, 4024 x 3036, 12.2 MP, 1.85 pix, 1/1.7", Color, 9.6 fps, GigE, POE, C - mount, Infrared cut filter



## COE-U series

USB 3.0 GenICam® cameras

**COE-013-M-USB-030-IR-C** Area Scan camera PYTHON 1300, CMOS, Global shutter, 1280 x 1024, 1.3 MP, 4.8 pix, 1/2", Gray, 170 fps, USB 3.0, C - mount, Glass filter

**COE-013-C-USB-030-IR-C** Area Scan camera PYTHON 1300, CMOS, Global shutter, 1280 x 1024, 1.3 MP, 4.8 pix, 1/2", Color, 90 fps, USB 3.0, C - mount, Infrared cut filter

**COE-063-M-USB-040-IR-C** Area Scan camera IMX178, CMOS, Rolling shutter, 3072 x 2048, 6.3 MP, 2.4 pix, 1/1.8", Gray, 42 fps, USB 3.0, C - mount, Glass filter

**COE-063-C-USB-040-IR-C** Area Scan camera IMX178, CMOS, Rolling shutter, 3072 x 2048, 6.3 MP, 2.4 pix, 1/1.8", Color, 42 fps, USB 3.0, C - mount, Infrared cut filter



## mvBlueFOX3-2 series

USB3 vision camera with Sony Pregius CMOS sensors

**RT-mvBF3-2032a** USB3 Vision camera with Sony Pregius CMOS sensor IMX265

**RT-mvBF3-2032** USB3 Vision camera with Sony Pregius CMOS sensor IMX252

**RT-mvBF3-2064** USB3 vision camera with Sony Pregius CMOS sensor IMX178



## mvBlueCOUGAR series

GigE & Dual GigE Vision cameras

**RT-mvBC-X104i** Camera with interface GigE (1GB/s), sensor size 1/1.8", mpixel 3.19, resolution 2064 x 1544, sensor name IMX265, sensor type CMOS

**RT-mvBC-XD104h** Camera with interface Dual GigE (2GB/s), sensor size 1/1.8", mpixel 3.19, resolution 2064 x 1544, sensor name IMX252, sensor type CMOS



## Accessories

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

**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