

# PC12030HP

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)	20 x 60
Typical	(mm x mm)	30 x 30
Maximum	(mm x mm)	60 x 20

### Optical specifications

Wavelength range	(nm)	450 .. 650
Working distance	(mm)	20 .. 80
CTF @ 50 lp/mm	(%)	> 25
F/#		4-16

### Mechanical specifications

Diameter	(mm)	197
Length	(mm)	448
Mass	(g)	6800
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.



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.



LTRNOB series

LED ring illuminators - oblique type

LTRN245R25	Ring LED illuminator, inner diameter 158.5 mm, oblique type, red 630 nm
LTRN245G25	Ring LED illuminator, inner diameter 158.5 mm, oblique type, green 525 nm
LTRN245B25	Ring LED illuminator, inner diameter 158.5 mm, oblique type, blue 470 nm
LTRN245W25	Ring LED illuminator, inner diameter 158.5 mm, oblique type, white



LTRNOBHP series

High power LED ring illuminators, oblique type

LTRNHP245R25	High power LED ring illuminators, oblique type, inner diam. 157mm, red, 625 nm
LTRNHP245G25	High power LED ring illuminators, oblique type, inner diam. 157mm, green, 525 nm
LTRNHP245B25	High power LED ring illuminators, oblique type, inner diam. 157mm, blue, 475 nm
LTRNHP245W25	High power LED ring illuminators, oblique type, inner diam. 157mm, white, 6200 k



OI series

Replacement ocular lenses

OIHP12030	Replacement ocular lens for PC12030HP optics
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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