

PC13030XS

Compact pericentric lens for 1/3" detectors

SPECIFICATIONS

Detector type		1/3"
Image circle Ø	(mm)	3.6

Field of view (diameter x height)

Minimum	(mm x mm)	7.5 x 5
Typical	(mm x mm)	30 x 30
Maximum	(mm x mm)	55 x 20

Optical specifications

Wavelength range	(nm)	450 .. 650
Working distance	(mm)	20 .. 85
CTF @ 50 lp/mm	(%)	> 40
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

LTZZO170-75-3-W24V	LED low angle ringlight, 3 LED rows, outer diameter 175 mm, 75°, white, 24V
LTZZO170-75-3-R-24V	LED low angle ringlight, 3 LED rows, outer diameter 175 mm, 75°, red, 24V
LTZZO170-75-3-G-24V	LED low angle ringlight, 3 LED rows, outer diameter 175 mm, 75°, green, 24V
LTZZO170-75-3-B-24V	LED low angle ringlight, 3 LED rows, outer diameter 175 mm, 75°, blue, 24V



LTRNOB series

LED ring illuminators - oblique type

LTRN210R20	Ring LED illuminator, inner diam. 116.5 mm, oblique type, red 630 nm
LTRN210G20	Ring LED illuminator, inner diam. 116.5 mm, oblique type, green 525 nm
LTRN210B20	Ring LED illuminator, inner diam. 116.5 mm, oblique type, blue 470 nm
LTRN210W20	Ring LED illuminator, inner diameter 116.5 mm, oblique type, white



LTRNOBHP series

High power LED ring illuminators, oblique type

LTRNHP210R20	High power LED ring illuminators, oblique type, inner diam. 116,5mm, red, 625 nm
LTRNHP210G20	High power LED ring illuminators, oblique type, inner diam. 116,5mm, green, 525 nm
LTRNHP210B20	High power LED ring illuminators, oblique type, inner diam. 116,5mm, blue, 475 nm
LTRNHP210W20	High power LED ring illuminators, oblique type, inner diam. 116,5mm, white, 6200 k



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

OIXS13030 Replacement ocular lens for PC13030XS optics



COE-G series

GenICam® PoE cameras

COE-003-M-POE-020-IR-C Area Scan camera RJ33B4AD0DT, CCD, Global shutter, 640 x 480, 0.3 MP, 7.4 pix, 1/3", Gray, 200 fps, GigE, POE, C - mount, Glass filter

COE-003-C-POE-020-IR-C Area Scan camera RJ33B4AD0DT, CCD, Global shutter, 640 x 480, 0.3 MP, 7.4 pix, 1/3", Color, 200 fps, GigE, POE, C - mount, Infrared cut filter

COE-012-M-POE-020-IR-C Area Scan camera RJ33J4CA3DE, CCD, Global shutter, 1280 x 960, 1.2 MP, 3.75 pix, 1/3", Gray, 30 fps, GigE, POE, C - mount, Glass filter

COE-012-C-POE-020-IR-C Area Scan camera RJ33J4CA3DE, CCD, Global shutter, 1280 x 960, 1.2 MP, 3.75 pix, 1/3", Color, 30 fps, GigE, POE, C - mount, Infrared cut filter

COE-050-M-POE-023-IR-C Area Scan camera MT9P031, CMOS, Rolling shutter, 2592 x 1944, 5 MP, 2.2 pix, 1/2.5", Gray, 14 fps, GigE, POE, C - mount, Glass filter

COE-106-M-POE-031-IR-C-2 Area Scan camera MT9J003, CMOS, Rolling shutter, 3840 x 2748, 10.6 MP, 1.67 pix, 1/2.3", Gray, 11 fps, GigE, POE, C - mount, Glass filter

COE-106-C-POE-031-IR-C Area Scan camera MT9J003, CMOS, Global shutter, 3840 x 2748, 10.6 MP, 1.67 pix, 1/2.3", Color, 7 fps, GigE, POE, C - mount, Infrared cut filter



COE-U series

USB 3.0 GenICam® cameras

COE-016-M-USB-021-IR-C Area Scan camera IMX273, CMOS, Global shutter, 1440 x 1080, 1.6 MP, 3.45 pix, 1/2.9", Gray, 165 fps, USB 3.0, C - mount, Glass filter

COE-016-C-USB-021-IR-C Area Scan camera IMX273, CMOS, Global shutter, 1440 x 1080, 1.6 MP, 3.45 pix, 1/2.9", Color, 165 fps, USB 3.0, C - mount, Infrared cut filter

COE-050-C-USB-023-IR-C Area Scan camera AR0521, CMOS, Rolling shutter, 2592 x 1944, 5 MP, 2.2 pix, 1/2.5", Color, 31 fps, USB 3.0, C - mount, Infrared cut filter



mvBlueFOX3-2 series

USB3 vision camera with Sony Pregius CMOS sensors

RT-mvBF3-2004 USB3 vision camera with Sony Pregius CMOS sensor IMX287

RT-mvBF3-2016 USB3 vision camera with Sony Pregius CMOS sensor IMX273



mvBlueCOUGAR series

GigE & Dual GigE Vision cameras

RT-mvBC-X100f Camera with interface GigE (1GB/s), sensor size 1/2.9", mpixel 0.4, resolution 728 x 544, sensor name IMX287, sensor type CMOS

RT-mvBC-X102f Camera with interface GigE (1GB/s), sensor size 1/2.9", mpixel 1.58, resolution 1456 x 1088, sensor name IMX273, sensor type CMOS

RT-mvBC-XD102f Camera with interface Dual GigE (2GB/s), sensor size 1/2.9", mpixel 1.58, resolution 1456 x 1088, sensor name IMX273, sensor type CMOS

RT-mvBC-X105 Camera with interface GigE (1GB/s), sensor size 1/2.5", mpixel 5.04, resolution 2592 x 1944, sensor name MT9P031, sensor type CMOS

RT-mvBC-X1010 Camera with interface GigE (1GB/s), sensor size 1/2.3", mpixel 10.66, resolution 3856 x 2764, sensor name MT9J003, 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