TCCAGE23096HP

High power bi-telecentric system for 2/3" detectors

SPECIFICATIONS

Detector type		2/3"
Image size	(mm * mm)	8.5 x 7.1
Max. object diameter	(mm)	16
Max. object height	(mm)	68

Optical specifications		
Wavelength range	(nm)	450 .. 650
CTF @ 70 lp/mm	(%)	> 50
wF/# (1)		8

Mechanical specifications		
Width	(mm)	179
Length	(mm)	347
Height	(mm)	424
Mass	(g)	9154
Mount		C
Phase adjustment (2)		Yes

Electrical specifications (3)		
Ring light		
LED voltage	(V)	< 30 (typ.)
LED current	(mA)	4000
LED power	(W)	120
Coaxial light		
LED voltage	(V)	< 30 (typ.)
LED current	(mA)	10000
LED power	(W)	300

Cable		included

Last update: 2020-06-11

NOTES

1. 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.
2. F/# = F-number, wF/# = working F-number, the real F-number of a lens when used as a macro.
3. Strobe only, constant current driving, Max Ton = 1 ms, max duty cycle 1%.
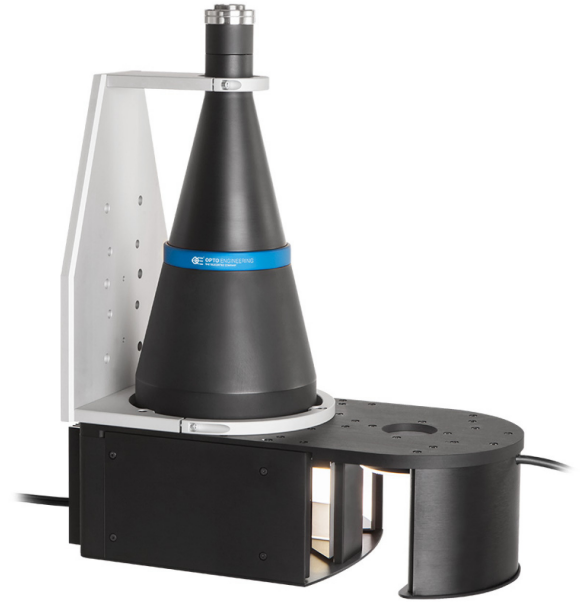
COMPATIBLE PRODUCTS

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.

CSCAGE096	Sample for alignment of TCCAGExx096
SPMI003	First surface mirror, active area 25x75 mm, mount type 1
SPPS002	Right angle prism, legs 33.3 mm, H 72 mm, mirror coating

COE-G series

GenICam® PoE cameras

COE-023-M-POE-050-IR-C	Area Scan camera PYTHON 2000, CMOS, Global shutter, 1920 x 1200, 2.3 MP, 4.8 pix, 2/3", Gray, 51 fps, GigE, POE, C - mount, Glass filter
COE-023-C-POE-050-IR-C	Area Scan camera PYTHON 2000, CMOS, Global shutter, 1920 x 1200, 2.3 MP, 4.8 pix, 2/3", Color, 51 fps, GigE, POE, C - mount, Infrared cut filter

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

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