

RT-M0528-MPW3

6-megapixel lens, focal length 5 mm, f# 2.8, C-mount

SPECIFICATIONS

Optical specifications

Focal length	(mm)	5
Magnification		0.074 - 0
Image circle Ø	(mm)	11
Max detector size		2/3"
Working distance	(mm)	100 - ∞
F/#		2.8 - 16
Back focal length	(mm)	9.2
Horizontal angle of view 1	(°)	83.2
Max distortion 2	(%)	-2.72

Mechanical specifications

Mount		C
Length	(mm)	54.0
Diameter	(mm)	75.0
Filter thread	(mm)	M72x0.75
Mass	(g)	163
Focus lock screws		Yes
Iris lock screws		Yes

Last update: 2021-06-11

NOTES

1. Horizontal angle of view while using max detector size.
2. Max distortion while using max detector size.

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.



COE-G series

GenICam® PoE C-mount 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", mono, 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-050-M-POE-050-IR-C	Area Scan camera IMX264, CMOS, Global shutter, 2448 x 2048, 5 MP, 3.45 pix, 2/3", mono, 23.5 fps, GigE, POE, C - mount, Glass filter
COE-050-C-POE-050-IR-C	Area Scan camera IMX264, CMOS, Global shutter, 2448 x 2048, 5 MP, 3.45 pix, 2/3", color, 23.5 fps, GigE, POE, C - mount, Infrared cut filter



mvBlueCOUGAR series



GigE / Dual GigE cameras with Smart Features

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



COE-U series



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GenICam® C-mount USB3 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", mono, 35 fps, USB 3.0, C - mount, Glass filter

[COE-050-C-USB-050-IR-C](#) Area Scan camera IMX264, CMOS, Global shutter, 2448 x 2048, 5 MP, 3.45 pix, 2/3", color, 35 fps, USB 3.0, C - mount, Infrared cut filter



mvBlueFOX3-2 series

USB cameras with Smart Features

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

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