

151MP Fixed Focal Length Lenses NEW



Product Features

High resolution

For Ø67 mm large format sensor size and 3.76 µm pixel; resolution up to 151MP.

Floating focus design

Enabling good optical performance among wide working distance by floating focusing design.

Low distortion

Full FOV Max. optical distortion <0.7% in working distance.

Wide spectrum coating

400-1000 nm coating band; compatible with visible light and near-infrared band.

Resolution Comparison

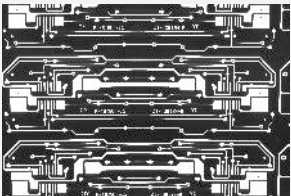


Image taken via
OPT 151MP Lens

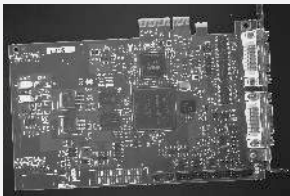


Image taken via other lens

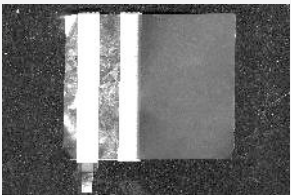
Application Cases



FPC positioning cutting



PCB defects detection



lithium battery pole piece
measurement and defects
detection



Panel defects detection

Selection Guide

OPT-M6050-151M

→ 151MP

→ F#: 5.0

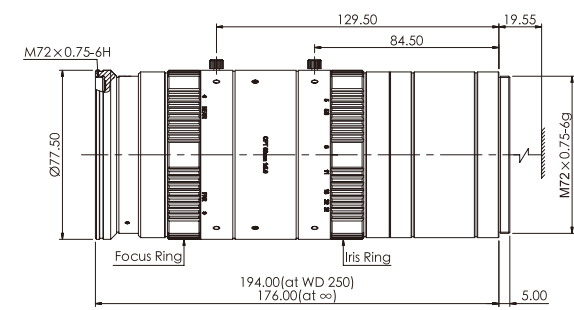
→ Focal length: 60 mm

→ M-Mount

→ Brand name

Model Table												
No.	Model	Focal length (mm)	Aperture range	WD (mm)	Image circle Ø (mm)	Resolution (µm)	Mount	Flange focal distance (mm)	Back focal length (mm)	Weight (kg)	Optical Distortion	Mag. at MOD
1	OPT-M6050-151M	60	F5.0~F32	250~∞	67	3.76	M72×0.75-6H	19.55	52.53	1.66	<0.68% at WD 250	0.232X at WD 250
											<0.34% at WD 400	0.147X at WD 400
											<0.57% at WD 1000	0.060X at WD 1000
2	OPT-M10044-151M	100	F4.4~F32	300~∞	67	3.76	M80×0.75-6H	19.55	26.49	1.92	<0.41% at WD 300	0.409X at WD 300
											<0.07% at WD 500	0.230X at WD 500
											<0.15% at WD 1000	0.110X at WD 1000

1.OPT-M6050-151M



2.OPT-M10044-151M

