

151MP Fixed Focal Length Lenses NEW



Product Features

- **High resolution**
 For Ø67mm large format sensor size and 3.76µm 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**
 400-1000nm coating band; compatible with visible light and near-infrared band.

Resolution Comparison



Image taken via OPT 151MP Lens

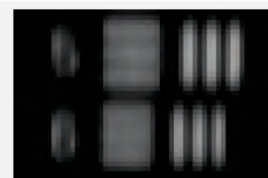


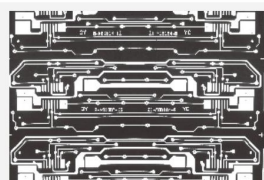
Image taken via other lens

Selection Guide

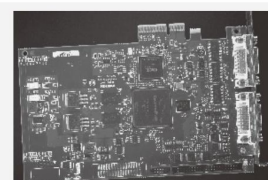
OPT-M6050-151M

- 151MP
- F#: 5.0
- Focal length: 60mm
- M-Mount
- Brand name

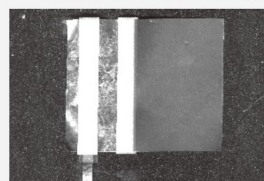
Application Cases



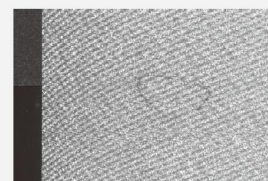
FPC positioning cutting



PCB defects detection



lithium battery pole piece measurement and defects detection



Panel defects detection

Model Table

Model	Focal length (mm)	WD (mm)	Aperture range	Image circle Ø (mm)
OPT-M6050-151M	60	250-∞	F5.0-F32	67
	Resolution (µm)	Weight (kg)	Mount	Flange focal distance (mm)
	3.76	1.66	M72 x P0.75	19.55
	Back focal length (mm)	Mag. at MOD		Optical Distortion
	52.53	0.232X at WD250		<0.68% at WD250mm
		0.147X at WD400		<0.34% at WD400mm
0.060X at WD1000		<0.57% at WD1000mm		

Dimensions (mm)

